



A Glass Apart



Laboratory Glassware & Accessories

Scan for Website



2025-26

GLASSCO LABORATORY EQUIPMENTS PVT. LTD.

SCAN TO WATCH
MD'S MESSAGE



From the MD's Desk

This is a brief update on recent company performance and upcoming initiatives.

Mr. Sameer Jain



Welcome to **Glassco Laboratory Equipments** – A Legacy of Quality and Innovation

At **Glassco**, we specialize in manufacturing and exporting premium laboratory glassware and instruments that adhere to **USP, DIN, ISO, and ASTM** standards. With over **55 years** of expertise and a presence in more than **107 countries**, we pride ourselves on delivering unparalleled customization and innovative solutions. Our commitment to flexibility and excellence has been the cornerstone of our global expansion.

Since 2018, we have pioneered the production of disposable glassware, achieving a remarkable daily capacity of **one million pieces**. Our **Dispo-LabGlass®** range includes high-quality **Boro 3.3, 5.1 & 7.0 culture tubes, disposable test tubes, and pasteur pipettes**, trusted by laboratories worldwide.

Our Specialist Brands

The **GLASSCO GROUP** operates under three specialized brands, catering to diverse needs with a portfolio of over **38,000 SKUs**:



Our flagship brand and the cornerstone of our expertise, **Glassco** specializes in manufacturing premium laboratory glassware. With an expansive product portfolio ranging from **volumetric glassware** to custom glass solutions, we are trusted globally for precision, durability, and compliance with the highest quality standards.

SKU's 25700+



Focused on **benchtop instruments** such as **stirrers, shakers, hotplates, heating mantles, kjeldahl, digestion and extraction systems**. These instruments boast advanced features like inbuilt temperature and pH probes, **Wi-Fi connectivity**, and complimentary **Labs-Connect™** software, launched in 2018.

SKU's 290+



Acquired in 2022, this brand specializes in **droppers, dropper bottles, glass cartridges**, and high-performance vials (**HPLC, TOC, scintillating vials**), catering primarily to **diagnostic, cosmetic, and pharmaceutical Industries**.

SKU's 12000+

Pioneering Industry Trends

Glassco has established itself as a Trendsetter in laboratory innovation:

In 2013, we became the first company to introduce **QR-LabGlass™**, enabling users to access product-specific information, such as calibration and conformity certificates, directly via their smartphones or servers.

Our **QR-LabGlass™** range integrates seamlessly with **Laboratory Information Management Systems (LIMS)**, further streamlining laboratory workflows in collaboration with **CaliberLIMS**

Why Choose Glassco?

We are committed to being the most preferred and efficient **one-stop solution** for all your laboratory product needs. Whether you require standard items or tailored solutions, our team is here to make it happen.

For further information, visit our website at www.glasscolabs.com or email us at contactus@glasscolabs.com.



GO TO
OUR WEBSITE



SCAN TO WATCH
CORPORATE
VIDEO

GLASSCO IN NUMBERS



OUR PLANT AREA
72000 M²



105 GLASS
BLOWERS



ISO 8 CLEANROOM
CLASS 100,000



WAREHOUSE FACILITY
180 CONTAINERS



NABL ACCREDITED
2.3 MILLION
CALIBRATION CERTIFICATE
Year



SHIPPING
950+ CONTAINERS
Year



WORLDWIDE
107 COUNTRIES



STRENGTH
900+ MANPOWER



CULTURE TUBES
120 MILLION
YEAR



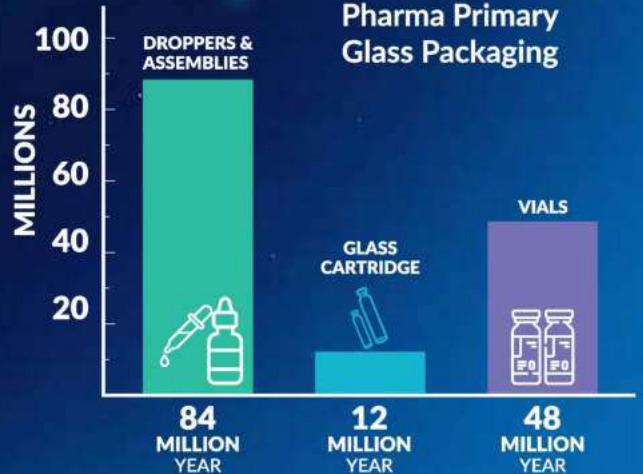
PASTEUR PIPETTE
45 MILLION
YEAR

Disposable Glassware

Laboratory Glassware



Pharma Primary Glass Packaging





Glassco's Vision

To be the most **trusted, valued & preferred** brand for every laboratory.

Glassco's Mission

To be a global example of **innovation and quality** for laboratory glassware equipment.

Our Values

Innovation: Drive development in processes, products and services that can differentiate us from our competitors and make us world leaders.

Teamwork: To collaborate, communicate and connect to improve employee experience and produce a better outcome in order to meet or exceed expectation and goals.

Growth: Strive to continuously improve, both, personally and professionally for mutual success.

Integrity: To be honest, transparent, ethical and take accountability for all actions and decisions.

Production Process at Glassco Laboratory Equipments Pvt. Ltd

At Glassco, we combine precision, innovation, and efficiency to deliver world-class laboratory glassware. Our production process reflects our commitment to quality and reliability at every stage, ensuring products meet the highest industry standards.



Raw Material: Uncompromised Quality

- We utilize **ASTM E-438 TYPE I, CLASS A BORO 3.3 GLASS tubing**, sourced exclusively from trusted suppliers to guarantee superior performance and durability.
- With an annual processing capacity of **1200 metric tonnes**, we maintain a robust and consistent material supply chain.
- To ensure uninterrupted production, we stock a minimum of **150 metric tonnes** of glass tubing at all times, equivalent to approximately **2.5 months of inventory**.

Glass Forming: Precision Engineering

- Our state-of-the-art **CNC glass-forming machines** enable unparalleled dimensional accuracy, crucial for joints and filtration glassware.
- All products are meticulously annealed using advanced **annealing lehrs** to eliminate residual stresses and enhance structural integrity.

Printing: High-Capacity Production

- With the ability to **print and cure 25,000 pieces per day**, our printing process ensures clear, durable markings and branding on all products.

Warehouse and Logistics: Streamlined Distribution

- Our newly established warehouse spans **7500 m²** of area that accommodates up to **180 container positions**, enabling efficient handling and storage.
- This advanced infrastructure allows us to achieve **shortest lead times** for product distribution, ensuring timely order fulfillment for our customers.

Software Integration: Optimized Operations

We leverage custom-designed software to manage every aspect of the manufacturing process, including:

- **Streamlined Operations:** Seamless integration of production workflows.
- **Inventory Management:** Real-time tracking of raw materials and finished goods.
- **Quality Control:** Enhanced monitoring across all stages to uphold superior product standards.
- **MIS System:** Our in-house performance system evaluates and motivates employees' productivity

Glassco's production process reflects our unwavering dedication to innovation, precision, and customer satisfaction, delivering exceptional quality glassware to laboratories worldwide.

Corporate Office - TCV SDC South Asia Pvt. Ltd. Solitaire, 4th Floor, ITI Road, Aurhdi, Pune - 411007, Maharashtra Phone: 020 6684 1200, Email - info@svsindia.in



Date: 20.12.2021

This is to certify that the Verification & Certification of Manufacturing facility

GLASSCO LABORATORY EQUIPMENTS PVT. LTD.
VILLAGE MANGLAJ, KHUDDA KALAN,
AMBALA CANTT - 133 004,
HARYANA, INDIA

Has been found in compliance with the requirements of

**GOOD MANUFACTURING PRACTICE
GMP**

For the scope verified at site: **Manufacture of Laboratory Glassware for Use In General & Pharmaceutical Laboratories** has been verified through an audit vide Client No. 495017-01 and Customer Order No. 4153634480 by selecting Laboratory Glassware items as samples in accordance with GMP Norms. All activities were observed to be in control and compliant in accordance with GMP Norms.

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Calibration Excellence: Precision You Can Trust

- **State-of-the-Art Technology:** Featuring German calibration machines that ensure **0.003%** accuracy and **Class A** tolerance.
- **Automated Quality Checks:** Advanced systems verify the accuracy of Burettes, Pipettes, and Volumetric Flasks.
- **Certified Reliability:** Every piece of glassware is accompanied by its individual calibration certificate, guaranteeing precision and trustworthiness.

Glassco's Calibration Laboratory is accredited for its calibration and testing systems as per **ISO 17025:2017** standards. Our **NABL**-approved laboratory ensures compliance with international standards, supported by Mutual Recognition Arrangements (MRA) under the Asia Pacific Laboratory Accreditation Cooperation (**APLAC**) and the International Laboratory Accreditation Cooperation (**ILAC**). This global recognition guarantees that calibrations provided by Glassco are accepted by calibration laboratories worldwide, maintaining consistency and reliability in volumetric measurements. All calibrations are performed under the stringent requirements of **ISO 17025:2017**, ensuring precision you can trust.

Quality Policy: Commitment to Excellence

At Glassco, we are committed to producing and supplying laboratory products at affordable prices that consistently meet or exceed customer expectations. Our focus on timely deliveries and continual improvement is achieved by actively seeking customer feedback and incorporating relevant changes into our management systems.

Quality Management System: Globally Certified Standards

Glassco is recognized as a quality brand in international markets, delivering world-class laboratory products.

Our Quality Management System is:

- **ISO 9001:2015 Certified:** Accredited by Intertek under **UKAS**, ensuring compliance with global quality benchmarks.
- **Structured for Excellence:** Maintains a comprehensive **Quality System Manual** covering all business processes, from manufacturing to post-manufacturing levels.
- **Rigorous in Execution:** Supervisors and personnel involved in quality assurance are trained as internal auditors and routinely conduct internal audits to uphold stringent quality standards. Glassco is dedicated to maintaining a robust **quality system** that ensures superior performance, reliability, and customer satisfaction.



Volumetric Glassware

At Glassco, precision and accuracy are the foundation of our volumetric glassware. To achieve unparalleled quality, we employ state-of-the-art German automatic calibration machines, imported directly from Germany. Our Calibration Laboratory is accredited under ISO 17025:2017, ensuring that all calibrations meet the highest international standards.

1st
in Asia

Comes with Blue Miniscus

HIGHER

..... Visibility
..... Accuracy
..... Confidence

1st
in the World

QR Printed Code

INSTANT

..... Scan
..... Certificate
..... Calibration

1st
in
Glassware
Product

Integrated with CaliberLIMS

CHECK

..... Authenticity
..... Usage
..... Alerts

Calibration Procedures & Standards

All calibration processes in our laboratory adhere strictly to ISO 17025:2017 standards, guaranteeing precise and reliable results for all our volumetric products.

Burettes & Pipettes are calibrated to deliver (TD/EX)

- Burettes: Calibrated to deliver exact liquid volumes. Filled slightly above the zero mark, they are inspected for trapped air. During titration, the liquid is released slowly until the endpoint is indicated by a color change.
- Pipettes: Calibrated for precise volume delivery. Filled above the calibration mark, excess liquid is drained to the exact level to ensure accuracy.

Volumetric Flasks & Cylinders are calibrated to contain (TC/IN)

- Volumetric Flasks: Calibrated "to contain" an exact volume. Distilled water is added carefully until the calibration mark is reached, ensuring no air bubbles. Precise solutions are prepared by adding substances to exact measurements.
- Measuring Cylinders: Calibrated "to contain" a specified volume. Liquids are added carefully, aligning with the meniscus level to achieve precise measurements.

Glassco's meticulous calibration processes and adherence to international standards ensure the reliability and accuracy of all our volumetric glassware, making them a trusted choice for laboratories worldwide.



QR-LabGlass®

Enabled QR Codes
Now On All Glassco Boxes &
QR-Coded Volumetric Glassware



VOLUMETRIC FLASK
CLASS-A, WITH LOT:
CERTIFICATE
SIZE : 50ml, 12/21,
QTY.: 2 NOS.



In Collaboration with
CaliberLIMS

Option 1



User Manual

Option 2



Certificate of
Conformity

Option 3



Certificate of
Calibration

Volumetric Glassware with certificate DE-M 18

NABL Individual

Calibration Standards

All calibrations are conducted in accordance with **DIN, ISO, USP**, and **ASTM** standards. Glassco's glassware is conformity-certified to EICHORDUNG, the German Federal Weights & Measures Regulations, and is clearly marked with the conformity sign.

Types of Calibration Certificates

NABL INDIVIDUAL CALIBRATION CERTIFICATE

Glassco's NABL Calibration Certificate, issued by our NABL-accredited lab, in collaboration with the Asia Pacific Laboratory Accreditation Cooperation (APLAC) and the International Laboratory Accreditation Cooperation (ILAC), is internationally recognized. Both the instrument and the certificate display the **individual serial number and certificate number for traceability.**

INDIVIDUAL CERTIFICATE

Certain glassware comes with an Individual Certificate that provides the **serial number, mean value, standard deviation**, and measured uncertainty, along with the batch number. This certificate is included with the product and can also be accessed online or via a QR code.

BATCH CERTIFICATE

Each volumetric flask comes with a Batch Certificate that includes the mean value, standard deviation, and batch number. These certificates are provided in pairs and can be downloaded from our website or accessed through the QR code on the packaging.

Types of Standards

ISO STANDARD ISO 1042:1998

Glassco's ISO Grade : ISO (International Organization for Standardization) is a worldwide federation of national standards bodies. ISO is a non-governmental organization that comprises standards bodies from more than 160 countries, with one standards body representing each member country. **ISO 1042** was developed by Technical Committee ISO/TC 48, Laboratory glassware and related apparatus, Subcommittee SC 1, Volumetric instruments. In accordance with good laboratory practice, only narrow-necked class A volumetric flasks conforming to this International Standard should be used.

USP STANDARD USP

Glassco USP-grade (United States Pharmacopeia) standard flask comes with an Individual Certificate that includes the serial number, mean value, standard deviation, and measured uncertainty, along with the batch number. The certificate also specifies the month and year of manufacturing (e.g., 01.10) and the unique serial number (e.g., 605).

ASTM STANDARD ASTM E-288

ASTM stands for American Society for Testing and Materials. It's a not-for-profit organization that develops and publishes technical standards for a wide range of materials, products, systems, and services. ASTM E288 is a standard specification for laboratory glass volumetric flasks calibrated in accordance with the methods outlined in Practice E542.

CALIBRATION CERTIFICATE
Glassco Laboratory Equipments Pvt. Ltd.
AN ISO/IEC 17025:2017 ACCREDITED LABORATORY BY NABL

Certificate No.	Glassco 18/10/2024	Serial No.	03091612009
Client / QP & Sample No.	18/10/2024	Date of Calibration	18/10/2024
Calibrated for	Glassco Laboratory Equipments Pvt. Ltd. Mumbai, P.O. Khosla Khera, Andhra Pradesh 520004	Batch	07-2000
Item Description	Volumetric Flask	Cat. No.	130.306.10
Capacity/Tolerance	1000ml ±0.04ml	Batch No. / Serial No.	11.24/ N128
Physical Condition	Satisfactory	Number of Calibration	01/01

Mechanical Calibration (Volume):
Calibration Result: The product was found to conform the following within ± 27°C

Nominal Volume	Volume Contained	Correction	Delivery Tolerance(s)	Expanded Uncertainty (at 95% C.L., k=2)
1000 ml	1000.10 ml	-0.10 ml	N/A	±0.04 ml

Reference standard / equipments used for calibration:

Equipment	Make & S. No.	SI	NABL Logo	Certificate No.
Weighting Balance	CPA-61 & 624027112	MAL-01	2076/2024	C-20222-28-7
Thermometer	3871640471	SI-01	3876/2024	C-240221-1-4
Thermometer	Luma 1001002	SI-01	3876/2024	C-240221-1-5 & 240221-1-6

Calibration Method: Calibration carried out in accordance with ISO 17025:2017 following guidelines based on ISO 17025:2017
The above product has been examined for compliance to ISO 1042:1998 Class A & B, ISO 1042:1998, it has been found to satisfy the specified requirements.
The glass has been calibrated at 20.4°C and 20.5°C.

Notes: The above calibration result is the certificate valid at the date of calibration under lab conditions. This report shall not be reproduced without the permission of Glassco Calibration Laboratory. The results are valid only for the item submitted for calibration. The position of the calibration is maintained at 20°C. This certificate can be used for laboratory, industrial, health, general, pharmaceutical, diagnostic, laboratory work.
The glassware is calibrated at 20°C. The results are valid only for the item submitted for calibration. The position of the calibration is maintained at 20°C. This certificate can be used for laboratory, industrial, health, general, pharmaceutical, diagnostic, laboratory work.
The glassware is calibrated at 20°C. The results are valid only for the item submitted for calibration. The position of the calibration is maintained at 20°C. This certificate can be used for laboratory, industrial, health, general, pharmaceutical, diagnostic, laboratory work.
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Date of Issue: 18/10/2024
This is an electronically generated certificate.

Authorized Signatory
Manager QA (Anil Verma)

Glassco Laboratory Equipments Pvt. Ltd.
Mumbai, P.O. Khosla Khera, Andhra Pradesh 520004, Hyderabad (India), Tel: +91-971-641230
www.glasscolabs.com, info@glasscolabs.com

CALIBRATION CERTIFICATE
Glassco Calibration Laboratory
(ISO 17025:2017 Certified Laboratory)

CERTIFICATE NO.	GLASSCO/18-10-2024	CRP	03091612009
CALIBRATION DATE	18/10/2024	CAL REPORT NO.	24718-2013

CUSTOMER: LCP-37004

TEST METHOD: GRAVIMETRIC METHOD

ITEM CALIBRATED: 1000ml VOLUMETRIC FLASK - 1000 ml

CATALOGUE NUMBER: 130.376.10A

BATCH NO. & SERIAL NO.: 10.24/2138

CALIBRATION RESULT: The product is calibrated at 27°C

VOLUME CONTAINED	TOLERANCE	CORRECTION
1000 ml	±0.04 ml	0.01 ml

Expanded uncertainty (at 95% C.L., k=2) is ±0.04 ml

The product has been calibrated with the following device:

Standard weights	1000 g
Weighting Balance	201-02-3100g/0.01 g/0.01mg/0.1
Thermometer	DM-31, 62°C to 302°C/0.1°C
Bathometer	3871-02, (10-1100) mean/1 mbar

All the above devices have valid calibrations traceable to NPL, India / NABL, Accredited Lab, SI units international standards.

The above product has been examined for compliance to ISO 1042:1998 Class A & B, ISO 1042:1998, it has been found to satisfy the specified requirements. The above item has been calibrated at (20.4)°C at 95% (95.2)%.
The above calibration result is valid at the time of calibration under lab conditions. This report shall not be reproduced, except in full, without written permission from Glassco Laboratory Equipments Pvt. Ltd.
The Results are valid only for the item submitted for calibration.

Date of Issue: 18/10/2024
This is an electronically generated certificate.

Authorized Signatory
Manager QA (Anil Verma)

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www.glasscolabs.com

BATCH TEST CERTIFICATE
Batch Tested on ISO 17025:2017 Certified Laboratory

www.glasscolabs.com
VOLUMETRIC FLASK CLASS A

CATALOGUE NO	130.202.02
NOMINAL VOLUME	10.00 ml
TOLERANCE	±0.040 ml
COMPLIANCE	ISO1042:1998
BATCH NO	09.24
MEAN VOLUME CONTAINED	10.002 ml
STANDARD DEVIATION	0.019 ml
TESTING DEVICE NAME	METTLER
BALANCE	ABAL-18, 420g/0.001g
WEIGHTS	10 g
THERMOMETER	DM-28, 50to300DEG C/0.1 DEG C
OPERATOR	PAWAN
DATE OF ISSUE	15.10.2024

All Glassco boxes comes with QR-LabGlass



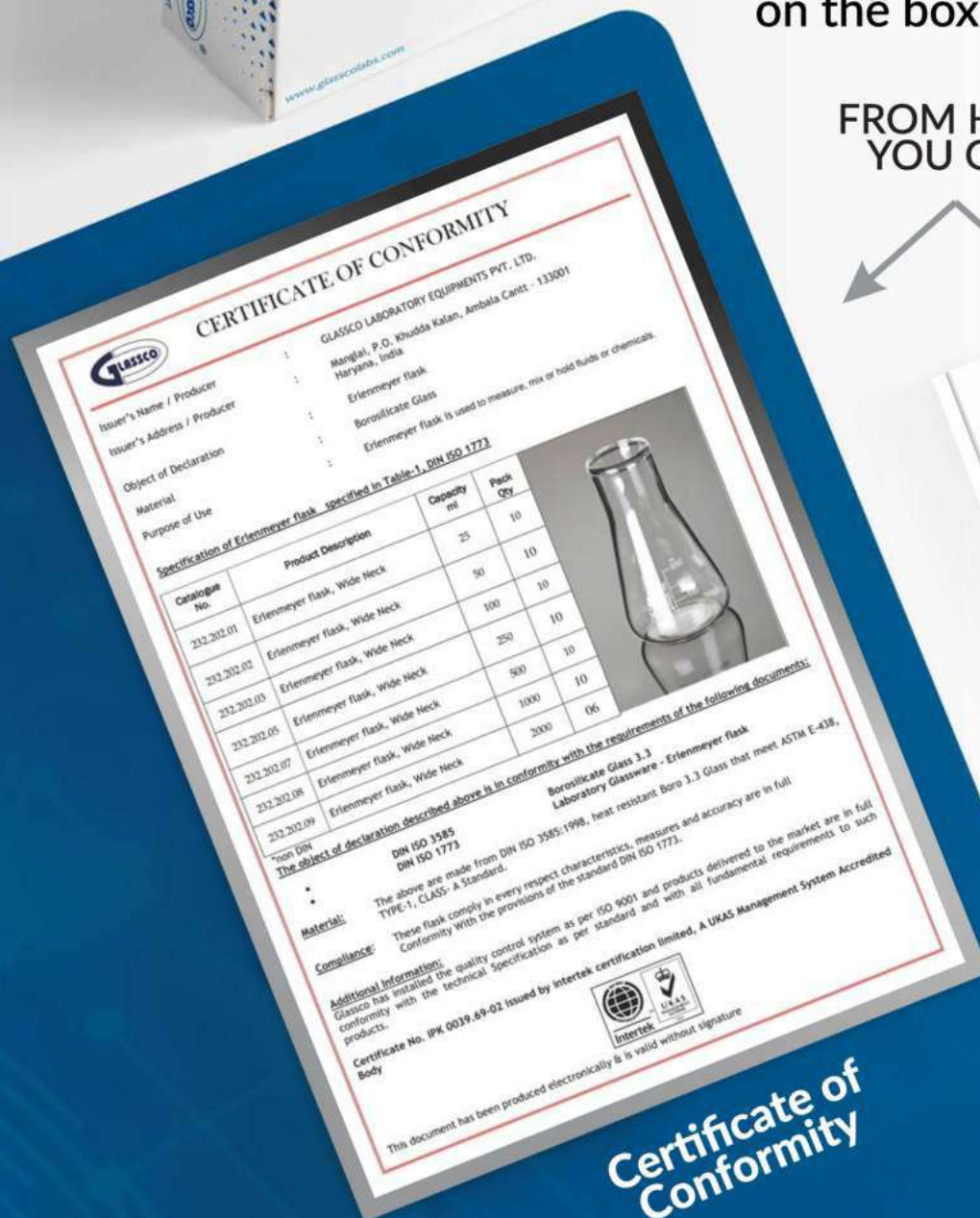
**NEW FACE,
NEW PACE!**

Use your **smartphone** to scan the QR code on the box labels ...

FROM HERE YOU GET



User Manual



Certificate of Conformity

**SCAN TO
KNOW MORE
ABOUT US**



 www.glasscolabs.com

 info@glasscolabs.com

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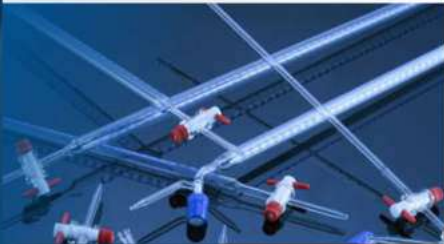
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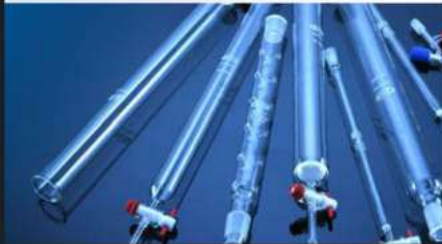
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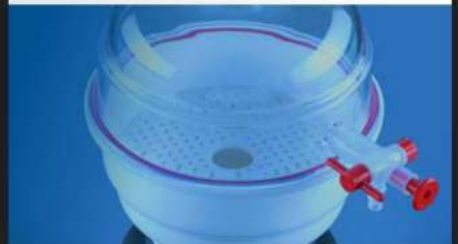
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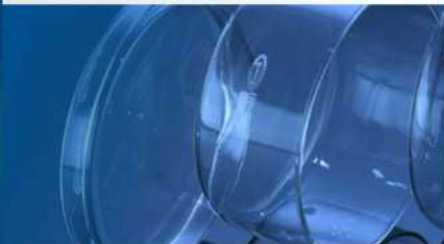
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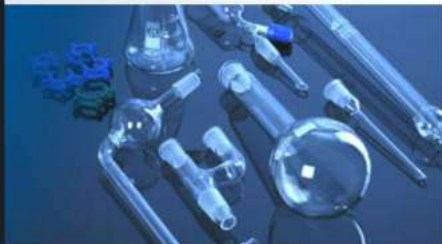
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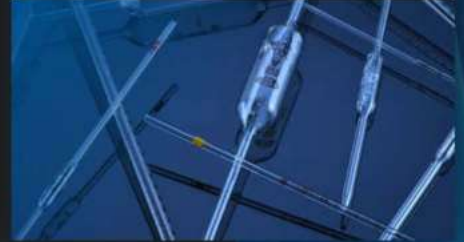
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Adapter

- Our wide range of interchangeable jointed glassware adapters ensure a secure and airtight connection for efficiency in your apparatus.
- All adapters, ranging between reduction, expansion, multi neck, inlet, short & long stem with/without drip tips in various sizes and shapes, are manufactured from ASTM E438, TYPE 1: Class A Boro 3.3 glass that meets DIN/ISO 3585 & USP Type I standards.



Adapter, Bushing with Drip Tip

- Thick wall and reinforced rim.
- Full length (larger standard taper size) outside of the bushing and shorter length inside of the bushing
- To compactly and conveniently assemble dissimilar sized joints glassware

Item Code	Socket Size	Cone Size	Pack of
013.230.00	10/19	14/23	10
013.230.01	14/23	19/26	10
013.230.02	19/26	29/32	10

ASTM Sizes

Item Code	Socket Size	Cone Size	Pack of
013.478.01	14/20	19/22	1
013.478.01A	14/20	24/40	1
013.478.02	14/35	24/40	1

3.3
BORO
GLASS



ENQUIRE



ENQUIRE



Adapter, Reduction

- Complies as per DIN 12257
- Small sized socket at the top and larger sized cone at the base to connect dissimilar size ground glass joints

Item Code	Socket Size	Cone Size	Pack of
013.202.01*	14/23	14/23	10
013.202.01A	14/23	19/26	10
013.202.02*	14/23	24/29	10
013.202.03	14/23	29/32	10
013.202.04*	19/26	24/29	10
013.202.05	19/26	29/32	10
013.202.06*	19/26	34/35	10
013.202.07*	19/26	40/38	10
013.202.08*	19/26	45/40	10
013.202.09*	19/26	55/44	10
013.202.10*	24/29	29/32	10
013.202.11*	24/29	34/35	10
013.202.12*	24/29	40/38	10
013.202.13*	24/29	45/40	10
013.202.14*	24/29	50/42	10
013.202.15*	24/29	55/44	10
013.202.16*	29/32	34/35	10
013.202.17*	29/32	40/38	10
013.202.18	29/32	45/40	10
013.202.19*	34/35	40/38	10
013.202.20*	34/35	45/40	10
013.202.21*	34/35	50/42	10

ASTM Sizes

Item Code	Socket Size	Cone Size	Pack of
013.470.02A	14/20	19/22	1
013.470.02	14/20	24/40	1
013.470.04	19/22	24/40	1
013.470.10	24/40	29/42	1
013.470.13	24/40	45/50	1

3.3
BORO
GLASS



1 x
SOCKET

1 x
CONE



ENQUIRE



ENQUIRE

*Non DIN/ISO

Adapter, Expansion

- Complies with DIN 12257 standard
- Large sized socket at the top and smaller sized cone at the base to connect dissimilar size ground glass joints
- Secure and airtight connection for distillation set ups

Item Code	Socket Size	Cone Size	Pack of
014.202.01	19/26	14/23	10
014.202.02*	24/29	14/23	10
014.202.03*	24/29	19/26	10
014.202.03A	29/32	14/23	10
014.202.04	29/32	19/26	10
014.202.05*	29/32	24/29	10
014.202.06*	34/35	19/26	10
014.202.07*	34/35	24/29	10
014.202.08*	34/35	29/32	10
014.202.09*	40/38	24/29	10
014.202.10*	45/40	29/32	10

ASTM Sizes

Item Code	Socket Size	Cone Size	Pack of
014.470.01	19/22	14/20	1
014.470.02	24/40	14/20	1
014.470.03	24/40	19/22	1
014.470.05	29/42	24/40	1
014.470.09A	45/50	24/40	1

3.3
BORO
GLASS



1 x
SOCKET

1 x
CONE

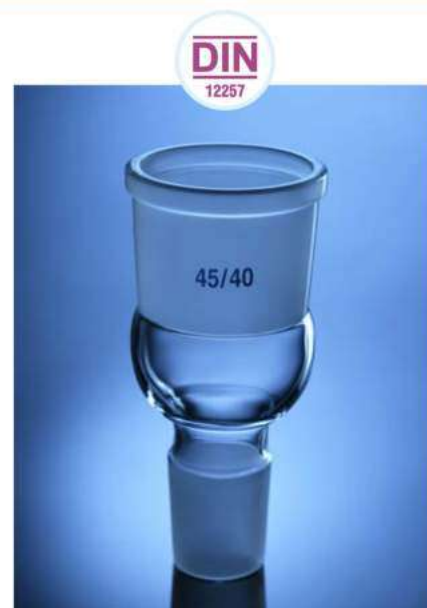


ENQUIRE



ENQUIRE

*Non DIN/ISO



Adapter, Multiple joint with two parallel necks

- Complies with DIN 12594 standard
- Ground glass joints with a standard taper and smooth surface compatible with a variety of glassware to handle multiple liquids simultaneously

Item Code	Socket Size	Cone Size	Pack of
015.202.01	14/23	14/23	1
015.202.01A*	14/23	19/26	1
015.202.02	19/26	19/26	1
015.202.03*	19/26	24/29	1
015.202.04*	24/29	24/29	1
015.202.05*	19/26	34/35	1
015.202.06	29/32	29/32	1

ASTM Sizes

Item Code	Socket Size	Cone Size	Pack of
015.470.01	14/20	14/20	1
015.470.03	19/22	19/22	1
015.470.04	24/40	24/40	1

3.3
BORO
GLASS



2 x
SOCKET

1 x
CONE

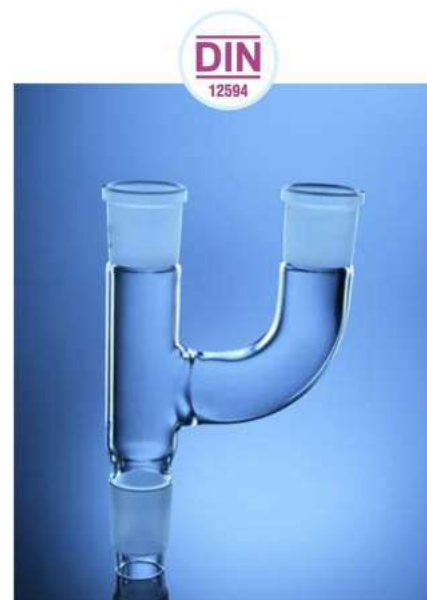


ENQUIRE



ENQUIRE

*Non DIN/ISO



Adapter



Adapter, Multiple joint with two necks

- One vertical neck, 45° angle neck and a base cone
- Compatible with a variety of glassware for leak proof liquid transferring

Item Code	Socket Size	Cone Size	Pack of
016.202.01	14/23	14/23	1
016.202.01A	14/23	19/26	1
016.203.01B	14/23	24/29	1
016.202.02	19/26	19/26	1
016.202.03	19/26	24/29	1
016.202.04	14/23	29/32	1
016.202.05	29/32	29/32	1

3.3
BORO
GLASS



2 x
SOCKET

1 x
CONE



ENQUIRE



Adapter, Multiple

- Two vertical neck, 45° angle neck and a base cone
- Compatible with a variety of glassware for leak proof liquid handling and transferring

Item Code	Socket Size	Cone Size	Pack of
017.202.01	19/26	19/26	1
017.202.01A	19/26	24/29	1
017.202.02	19/26	29/32	1
017.202.03	24/29	24/29	1
017.202.04	29/32	29/32	1

3.3
BORO
GLASS



3 x
SOCKET

1 x
CONE



ENQUIRE



Adapter, Swan Neck with screw thread joint

- Easy to connect with thermometer, air leak tubes, rubber hose, etc.

Item Code	Socket Size	Cone Size	Pack of
018.202.01	14/23	19/26	1
018.202.01A	19/26	19/26	1
018.202.02	19/26	24/29	1
018.202.03	24/29	24/29	1
018.202.04	29/32	29/32	1

3.3
BORO
GLASS



1 x
SOCKET

1 x
CONE



ENQUIRE

Adapter, Receiver Delivery with short stem

- With 105° plain bend
- Used to extend drip tip to receiver flask

Item Code	Socket Size	Approx Stem Length (mm)	Pack of
019.202.01	14/23	65	10
019.202.02	19/26	65	10
019.202.03	24/29	65	10
019.202.04	29/32	65	10

3.3
BORO
GLASS



1 x
SOCKET



ENQUIRE



Adapter, Receiver Delivery with Long stem

- With 105° plain bend
- Used to extend drip tip to receiver flask

Item Code	Socket Size	Approx Stem Length (mm)	Pack of
019.202.05	14/23	190	10
019.202.06	19/26	200	10
019.202.07	24/29	200	10
019.202.08	29/32	200	10

3.3
BORO
GLASS



1 x
SOCKET



ENQUIRE



Adapter, Receiver, Straight

- Used to extend drip tip to receiver flask

Item Code	Socket Size	Pack of
020.202.01	14/23	10
020.202.02	19/26	10
020.202.03	24/29	10
020.202.04	29/32	10

3.3
BORO
GLASS



1 x
SOCKET



ENQUIRE



Adapter



Adapter, Receiver Plain Bend with Vent

- With 105° bend drip tip
- Sidearm vent provides an escape to gases during experiments and avoids closed system problems
- Used for distribution of liquid from the condenser into collection vessel

Item Code	Socket Size	Cone Size	Pack of
021.202.01	14/23	14/23	1
021.202.02	19/26	19/26	1
021.202.03	19/26	24/29	1
021.202.04	24/29	24/29	1
021.202.05	29/32	29/32	1

3.3
BORO
GLASS



1 x
SOCKET

1 x
CONE



ENQUIRE



Adapter, Receiver Plain Bend without Vent

- With 105° bend drip tip
- Without Vent
- Used for distribution of liquid from the condenser into collection vessel

Item Code	Socket Size	Cone Size	Pack of
025.202.00	14/23	14/23	1
025.201.00A	14/23	19/26	1
025.202.01	19/26	19/26	1
025.202.02	19/26	24/29	1
025.202.03	24/29	24/29	1
025.202.04	29/32	29/32	1

ASTM Sizes

Item Code	Socket Size	Cone Size	Pack of
025.470.06	24/40	24/40	1

3.3
BORO
GLASS



1 x
SOCKET

1 x
CONE



ENQUIRE



ENQUIRE



Adapter, Distillation Angled 105°

- With drip tip and delivery stem inside the cone
- Used for distribution of liquid from the condenser into collection vessel

Item Code	Socket Size	Cone Size	Pack of
025.475.01	14/20	14/20	1

3.3
BORO
GLASS



1 x
SOCKET

1 x
CONE



ENQUIRE

Adapter, Recovery Bend With Sloping End

- With 75° bend drip tip
- Used to create a multi-neck flask setup
- To compactly and conveniently assemble dissimilar joints

Item Code	Cone Size to fit flask	Cone Size to fit Condenser	Pack of
026.202.01	14/23	14/23	1
026.202.02	24/29	14/23	1
026.202.03	19/26	19/26	1
026.202.04	24/29	19/26	1
026.202.05	29/32	19/26	1
026.202.06	29/32	29/32	1
026.202.07	24/29	24/29	1
026.202.08	34/35	24/29	1
026.202.09	29/32	24/29	1
026.202.10	34/35	34/35	1

ASTM Sizes

Item Code	Cone Size to fit flask	Cone Size to fit Condenser	Pack of
043.470.03	24/40	24/40	1

3.3
BORO
GLASS



2x
CONE



ENQUIRE



ENQUIRE



Adapter, Vacuum Receiver, Straight

- Complies with DIN 12594 standard
- With drip tip and delivery stem inside the cone
- With a screw thread and straight vacuum connection
- Used for distribution of liquid from the condenser into collection vessel

Item Code	Cone Size to fit flask	Cone Size to fit Condenser	Pack of
022.202.01	14/23	14/23	1
022.202.02*	14/23	19/26	1
022.202.02A	19/26	19/26	1
022.202.03*	19/26	24/29	1
022.202.04*	24/29	24/29	1
022.202.05*	24/29	29/32	1
022.202.06	29/32	29/32	1

*Non DIN/ISO

ASTM Sizes

Item Code	Cone Size to fit flask	Cone Size to fit Condenser	Pack of
022.472.04S	24/40	24/40	1

3.3
BORO
GLASS



2x
SOCKET

1x
CONE



ENQUIRE



ENQUIRE



Adapter



Adapter, Vacuum Receiver, Angled, 105°

- Complies with DIN 12594 standard
- With drip trap and delivery stem inside the cone
- With a screw thread and bend with Vacuum Connection
- Used for distribution of liquid from the condenser into collection vessel

Item Code	Socket Size	Cone Size	Pack of
022.201.01	14/23	14/23	1
022.201.02*	14/23	19/26	1
022.201.03	19/26	19/26	1
022.201.04*	19/26	24/29	1
022.201.05*	24/29	24/29	1
022.201.06*	24/29	29/32	1
022.201.07	29/32	29/32	1

*Non DIN/ISO

ASTM Sizes

Item Code	Cone Size to fit flask	Cone Size to fit Condenser	Pack of
022.471.01S	14/20	14/20	1
022.471.03S	19/22	19/22	1
022.471.05S	24/40	24/40	1

3.3
BORO
GLASS



1 x
SOCKET

1 x
CONE



ENQUIRE



ENQUIRE

Adapter, Receiver With Side Socket

- Socket inclined at 105° angle
- With drip tip inside the cone

Item Code	Cone Size to fit flask	Cone Size to fit Condenser	Pack of
023.202.01	14/23	14/23	1
023.202.02	19/26	19/26	1
023.202.03	19/26	24/29	1
023.202.04	24/29	24/29	1
023.202.05	29/32	29/32	1

3.3
BORO
GLASS



2 x
SOCKET

1 x
CONE



ENQUIRE

Adapter, Distilling Cow Receiver

- Four cones encased with drip tip and one socket joint
- Flask 100 ml

Item Code	Socket Size	Cone Size	Pack of
024.475.01	14/20	14/20	1

3.3
BORO
GLASS



1 x
SOCKET

4 x
CONE



ENQUIRE



Adapter, Receiver

- Parallel necks and 45° angle neck
- With multi connection and screw thread
- Connect upto three flasks
- With sidearm for vacuum connection
- With socket for condenser connection

Item Code	Cone Size to fit flask	Cone Size to fit Condenser	Pack of
024.202.01	14/23	14/23	1
024.202.02	14/23	19/26	1
024.202.03	19/26	19/26	1

3.3
BORO
GLASS



1 x
SOCKET

3 x
CONE

SCREW



ENQUIRE



Adapter, Distilling Receiver With Hose Connection

- Three-way, cow type distillation receiver spaced 40° apart
- 135° angle between the centerline of the condenser and the receiver tubes
- Compatible with short path distilling heads
- Compatible for vacuum connection

Item Code	Cone Size to fit flask	Cone Size to fit Condenser	Pack of
024.471.03	24/40	24/40	1

3.3
BORO
GLASS



1 x
SOCKET

3 x
CONE



ENQUIRE



Adapter, Distilling Receiver Without Hose Connection

- Three-way, cow type distillation receiver spaced 40° apart with drip tip
- 135° angle between the centerline of the condenser and the receiver tubes
- Compatible with short path distilling heads

Item Code	Cone Size to fit flask	Cone Size to fit Condenser	Pack of
024.470.01	14/20	14/20	1
024.470.02	24/40	24/40	1

3.3
BORO
GLASS



1 x
SOCKET

3 x
CONE



ENQUIRE



Adapter



Adapter, Recovery Bend, Vertical

- With Drip Tip
- Used in distillation assembly

Item Code	Cone Size to fit flask	Cone Size to fit Condenser	Pack of
027.202.01	14/23	14/23	1
027.202.02	19/26	19/26	1
027.202.03	24/29	19/26	1
027.202.04	24/29	24/29	1
027.202.05	29/32	29/32	1

3.3
BORO
GLASS

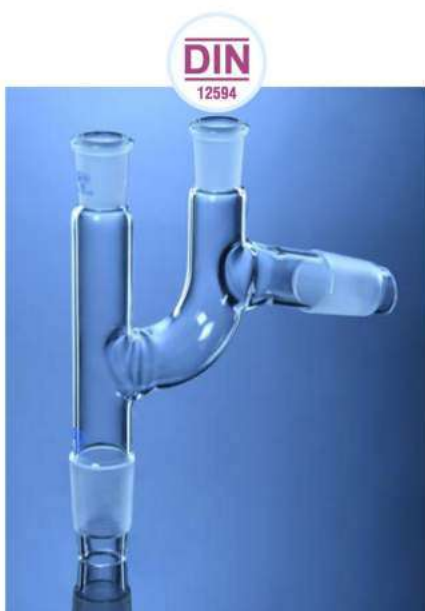
Chemical
Resistant

2 x
CONE

DRIP
TIP



ENQUIRE



Adapter, Claisen Heads

- Complies with DIN 12594 standard
- Two B14 sockets, 75°
- With extra socket encased with drip tip to connect dropping funnels, stirrers, etc

Item Code	Socket Size	Cone Size to fit flask	Cone Size to fit Condenser	Pack of
029.202.01	14/23	14/23	14/23	1
029.202.02*	14/23	19/26	19/26	1
029.202.03*	14/23	24/29	19/26	1
029.202.04*	14/23	24/29	24/29	1
029.202.05*	14/23	29/32	29/32	1
029.202.06*	14/23	34/35	24/29	1

3.3
BORO
GLASS

Chemical
Resistant

2 x
CONE

2 x
SOCKET



ENQUIRE

*Non DIN/ISO

Adapter, Still Head Plain

- Complies with DIN 12594 standard
- with drip tip, 75°
- with thermometer socket
- used for connecting flask to a condenser in a distillation assembly

Item Code	Socket Size	Cone Size to fit flask	Cone Size to fit Condenser	Pack of
028.202.01	14/23	14/23	14/23	1
028.202.02	14/23	19/26	19/26	1
028.202.03*	14/23	24/29	19/26	1
028.202.04	14/23	29/32	19/26	1
028.202.05*	14/23	34/35	19/26	1
028.202.06*	14/23	24/29	24/29	1
028.202.07*	14/23	34/35	24/29	1
028.202.08*	14/23	29/32	24/29	1
028.202.09*	14/23	29/32	29/32	1
028.202.10*	14/23	34/35	29/32	1

*Non DIN/ISO

ASTM Sizes

Item Code	Socket Size	Cone Size to fit flask	Cone Size to fit Condenser	Pack of
028.470.02	19/22	19/22	19/22	1
028.470.03	24/40	24/40	24/40	1
028.470.04	14/20	14/20	14/20	1

3.3
BORO
GLASS



1 x
SOCKET

2 x
CONE



ENQUIRE



ENQUIRE



Adapter, Splash Heads, Straight

- Pear shaped
- With drip tip
- Used different sized glassware joints to precisely control the flow of liquid
- Prevents raw liquid from moving from the flask to the condenser

Item Code	Cone Size to fit flask	Cone Size to fit Condenser	Pack of
030.202.01	14/23	14/23	1
030.202.02	19/26	24/29	1
030.202.03	29/32	29/32	1

ASTM Sizes

Item Code	Cap. (ml)	Socket Size	Cone Size	Pack of
030.402.04A	100	24/40	24/40	1

3.3
BORO
GLASS



1 x
SOCKET

1 x
CONE



ENQUIRE



ENQUIRE



Adapter



Adapter, Splash Heads

- Pear shaped, vertical 105° angle
- Lower cone compatible with connecting flasks and upper cone compatible with connecting condensers
- Used different sized glassware joints to precisely control the flow of liquid
- Used in distillation, filtration, and synthesis processes

Item Code	Cone Size to fit flask	Cone Size to fit Condenser	Pack of
031.202.01	14/23	14/23	1
031.202.02	19/26	19/26	1
031.202.03	24/29	19/26	1
031.202.04	24/29	24/29	1
031.202.05	29/32	29/32	1

3.3
BORO
GLASS



2 x
CONE



ENQUIRE



Adapter, Splash Heads, Sloping

- With drip tip, 75° angle
- Pear shaped
- Used for safe liquid transferring

Item Code	Cone Size to fit flask	Cone Size to fit Condenser	Pack of
032.202.01	14/23	14/23	1
032.202.02	19/26	19/26	1
032.202.03	24/29	19/26	1
032.202.04	24/29	24/29	1
032.202.05	29/32	29/32	1

3.3
BORO
GLASS



2 x
CONE



ENQUIRE



Adapter, Steam Distillation Heads, Sloping

- With drip tip, 75° angle
- With integral stem
- Pear shaped with screw thread
- Used to connect dissimilar joint sized glassware for distillation processes and safe liquid transferring

Item Code	Cone Size to fit flask	Cone Size to fit Condenser	Pack of
033.202.01	24/29	19/26	1
033.202.02	34/35	19/26	1
033.202.03	34/35	24/29	1

3.3
BORO
GLASS



2 x
CONE



ENQUIRE

Adapter, Splash Head, Rotary Evaporator

- Prevents foaming contents from entering the condenser
- Used with rotary evaporators
- Modified bump traps provide expanded volume from a reaction that has a tendency of excessive foam.

Item Code	Cap. (ml)	Socket Size	Cone Size	Pack of
030.275.06	150	29/32	19/26	1
030.275.06A	150	29/32	24/29	1
030.275.06B	150	29/32	29/32	1

ASTM Sizes

Item Code	Cap. (ml)	Socket Size	Cone Size	Pack of
030.475.02A	250	24/40	24/40	1
030.475.04A	100	24/40	24/40	1
030.475.01A	250	24/40	14/20	1
030.475.04	100	24/40	14/20	1

3.3
BORO
GLASS



1 x
SOCKET

1 x
CONE



ENQUIRE



ENQUIRE



Adapter, Splash Head, Anti-Climb Rotary Evaporator

- Prevents foaming contents from entering the condenser
- Used with rotary evaporators

Item Code	Cap. (ml)	Socket Size	Cone Size	Pack of
030.276.03	150	29/32	19/26	1
030.276.03A	150	29/32	24/29	1
030.276.03B	150	29/32	29/32	1

ASTM Sizes

Item Code	Cap. (ml)	Socket Size	Cone Size	Pack of
030.476.02	250	24/40	24/40	1

3.3
BORO
GLASS



1 x
SOCKET

1 x
CONE



ENQUIRE



ENQUIRE



Adapter, Flash Chromatography Reservoirs

- Used to connect a reservoir to a column in a flash chromatography system

Item Code	Cap. (ml)	Socket Size	Cone Size	Pack of
030.480.02A	250	24/40	24/40	1

3.3
BORO
GLASS



1 x
SOCKET

1 x
CONE



ENQUIRE



Adapter



Adapter, Cone with stopcock

- With drip tip
- With right angle/straight connection, glass stopcock

Item Code	Cone Size	Stopcock Bore	Angle	Pack of
034.202.01	14/23	2.5	Right Angle	1
034.202.02	19/26	2.5	Right Angle	1
034.202.03	24/29	2.5	Right Angle	1
034.202.04	29/32	2.5	Right Angle	1
034.260.01	14/23	2.5	Straight	1
034.260.02	19/26	2.5	Straight	1
034.260.03	24/29	2.5	Straight	1
034.260.04	29/32	2.5	Straight	1

3.3
BORO
GLASS



1 x
CONE



ENQUIRE

PS: The below Adapter can also be supplied with PTFE key or PTFE Needle valve stopcock. Please ask for prices separately



Adapter, Vacuum with ASTM Sizes

- With right angle connection, PTFE key, stopcock

Item Code	Cone Size	Pack of
034.470.02	19/22	1

3.3
BORO
GLASS



1 x
CONE



ENQUIRE



Adapter, Vacuum

- With straight connection, PTFE key, stopcock

Item Code	Cone Size	Pack of
034.470.01J	14/20	1
034.470.03J	24/40	1

3.3
BORO
GLASS



1 x
CONE



ENQUIRE

Adapter, Flushing with stopcock

- With 2mm T-bore, PTFE key, stopcock

Item Code	Cone Size	Pack of
048.202.01	24/40	1
048.202.02	14/23	1
048.202.03	19/26	1
048.204.03	24/29	1

3.3
BORO
GLASS



1 x
CONE



ENQUIRE



Adapter, Socket with Glass stopcock

Item Code	Socket Size	Stopcock Bore	Pack of
035.202.01	14/23	2.5	1
035.202.02	19/26	2.5	1
035.202.03	24/29	2.5	1
035.202.04	29/32	2.5	1

3.3
BORO
GLASS



1 x
SOCKET



ENQUIRE

PS: The below Adapter can also be supplied with PTFE key or PTFE Needle valve stopcock. Please ask for prices separately



Adapter, socket with PTFE needle valve stopcock

- Provides fine flow control and positive closure
- With detachable plastic screw thread that makes it compatible for a rubber hose connection

Item Code	Socket Size	Bore Size (mm)	Pack of
035.212.01	14/23	0-3.0	1
035.212.02	19/26	0-3.0	1
035.212.03	24/29	0-3.0	1

3.3
BORO
GLASS



1 x
SOCKET



ENQUIRE



Adapter



Adapter, T-shape cone with PTFE needle valve stopcock

- Made from ASTM E-438, Type-1, Class-A, Boro 3.3 glass
- With PTFE needle valve stopcock
- With detachable plastic screw thread that makes it compatible for a rubber hose connection

Item Code	Socket Size	Bore Size (mm)	Pack of
046.212.01	14/23	0-3.0	1
046.212.02	19/26	0-3.0	1
046.212.03	24/29	0-3.0	1

3.3
BORO
GLASS



1 x
CONE



ENQUIRE



Adapter, Vaccum/Argon (Nitrogen)

- With straight hose connection at top
- Used for distribution of liquid from the condenser into collection vessel

Item Code	Cone Size	Pack of
020.475.01	14/20	1
020.475.03	24/40	1

3.3
BORO
GLASS



1 x
CONE



ENQUIRE



Adapter Inlet With Fritted Disc

- The extra coarse disc between the serrated hose connection and the inner joint prevents solid from contaminating reaction system during liquid transfer
- Hose connection has a O.D. of 8 mm

Item Code	Cone Size	Pack of
036.471.01	14/20	1
036.471.04A	24/40	1

3.3
BORO
GLASS



1 x
CONE



ENQUIRE

Adapter, Cone for Rubber Tubing

- Right angled connection for the attachment of rubber hose
- With Drip Tip
- With Screw Thread

Item Code	Cone Size	Pack of
036.202.01	14/23	1
036.202.02	19/26	1
036.202.03	24/29	1
036.202.04	29/32	1

ASTM Sizes

Item Code	Cone Size	Pack of
036.475.01S	14/20	1
036.475.03S	24/40	1

3.3
BORO
GLASS



1 x
CONE



ENQUIRE



ENQUIRE



Adapter, Cone with long Stem

- With screw thread, right angle tubing
- Detachable plastic screw thread that makes it compatible for a rubber hose connection

Item Code	Cone Size	Pack of
037.202.01	14/23	1
037.202.02	19/26	1
037.202.03	24/29	1
037.202.04	29/32	1

3.3
BORO
GLASS



1 x
CONE



ENQUIRE



Adapter, Tubing Straight

- With Hooks
- Detachable plastic screw thread that makes it compatible for a rubber hose connection

Item Code	Socket Size	Pack of
038.202.01	14/23	1
038.202.02	19/26	1
038.202.03	24/29	1
038.202.04	29/32	1

ASTM Sizes

- Without Hooks

Item Code	Socket Size	Pack of
020.470.01	14/20	1
020.470.03	24/40	1

3.3
BORO
GLASS



1 x
SOCKET



ENQUIRE



ENQUIRE



Adapter



Adapter, Socket to Cone With Side-Arm Screw Thread

- With Drip Tip
- Detachable plastic screw thread that makes it compatible for a rubber hose connection

Item Code	Socket Size	Cone Size	Pack of
039.202.01	14/23	14/23	1
039.202.02	14/23	19/26	1
039.202.03	14/23	24/29	1
039.202.04	14/23	29/32	1
039.202.05	19/26	19/26	1
039.202.06	19/26	24/29	1
039.202.07	19/26	29/32	1
039.202.08	24/29	24/29	1
039.202.09	24/29	29/32	1
039.202.10	29/32	29/32	1

3.3
BORO
GLASS



1 x
CONE

1 x
SOCKET

SCREW



ENQUIRE



Adapter, Vacuum or Gas 90°

- With connection for rubber hose

Item Code	Cone Size	Pack of
341.470.02	14/20	1
341.470.03	19/22	1
341.470.05A	24/40	1
341.470.05	29/42	1
341.470.04	35/20	1

3.3
BORO
GLASS



1 x
CONE



ENQUIRE



Adapter, Vacuum or Gas 90°

- With 2 connections for rubber hose

Item Code	Cone Size	Pack of
046.202.04	24/40	1

3.3
BORO
GLASS



1 x
CONE



ENQUIRE

Adapter, Drying Tube

- Used to connect the drying/guard tube to a reaction vessel to keep the vessel free of moisture

Item Code	Cone Size	Pack of
041.202.01	14/23	10
041.202.02	19/26	10
041.202.03	24/29	10
041.202.04	29/32	10

ASTM Sizes

Item Code	Cone Size	Pack of
041.471.01	14/20	1
041.471.03	24/40	1

3.3
BORO
GLASS



1 x
CONE



ENQUIRE



ENQUIRE



Adapter, Drying Tube Straight

- Used to connect the drying to a reaction vessel to keep the vessel free of moisture
- Standard joint for connecting the drying tube to a reaction flask

Item Code	Socket Size	Cone Size	Pack of
041.470.02	19/22	19/22	1

3.3
BORO
GLASS



1 x
CONE

1 x
SOCKET



ENQUIRE



Adapter



Adapter Thermometer Pocket

- Glass pocket for standard laboratory thermometers to be incorporated into glassware assemblies
- Closed end, made to fit stillheads

Item Code	Cone Size	Approx Stem Length (mm)	Pack of
042.202.01	14/23	45	10
042.202.02	19/26	45	10
042.202.03	24/29	45	10

3.3
BORO
GLASS



1 x
CONE



ENQUIRE



Adapter, Air Leak Tube or Gas Inlet Tube

- Accurate dimensions
- compact and lightweight
- Durable
- Resistant to thermal shock
- Used to monitor and detect gas leaks in the apparatus

Item Code	Cone Size	Pack of
044.202.01	14/23	10
044.202.02	19/26	10
044.202.03	24/29	10
044.202.04	29/32	10

3.3
BORO
GLASS



1 x
CONE



ENQUIRE



Adapter, Cone Screw Thread

- Ideal to securely connect thermometers and inlet tubes to glassware assemblies
- With a open top compression cap and O-ring

Item Code	Cone Size	Acceptable Dia through Screw Thread mm	Pack of
056.202.01	14/23	6	10
056.202.02	19/26	6	10
056.202.03	24/29	6	10
056.202.04	29/32	6	10

ASTM Sizes

Item Code	Cone Size	Pack of
056.470.01A	14/20	1
056.470.02A	19/22	1
056.470.03A	24/40	1

3.3
BORO
GLASS



1 x
CONE



ENQUIRE



ENQUIRE

Adapter, Thermometer with Hose Connection

- With rubber hose connection
- With a open top compression cap and O-ring

Item Code	Cone Size	Pack of
056.468.01	14/10	1

3.3
BORO
GLASS



1 x
CONE



ENQUIRE



Adapter, Inlet/Thermometer

- With a open top compression cap and O-ring

Item Code	Cone Size	Pack of
056.467.01	14/10	1

3.3
BORO
GLASS



1 x
CONE



ENQUIRE



Adapter, Inlet/thermometer

- With one holed rubber adapter to insert thermometer stem or bleed tubes

Item Code	Cone Size	Pack of
036.472.01	14/20	1
036.472.02	19/22	1
036.472.03	24/40	1

3.3
BORO
GLASS



1 x
CONE



ENQUIRE



Adapter



Turnover Flange Septa

- Ideal for moisture or air-sensitive applications.
- Excellent re-sealing capability.

For Test Tube: Non - Serrated in Natural Rubber

Item Code	Size of Test Tube	Pack of
410.600.01	12	10
410.600.02	15	10
410.600.03	18	10
410.600.04	25	10

For Test Tube: Serrated in Natural Rubber

Item Code	Size of Test Tube	Pack of
410.600.05	12	10
410.600.06	15	10
410.600.07	18	10
410.600.08	25	10

For Test Tube: Non - Serrated in Silicon Rubber

Item Code	Size of Test Tube	Pack of
405.600.01	12	10
405.600.02	15	10
405.600.03	18	10
405.600.04	25	10

For Test Tube: Serrated in Silicon Rubber

Item Code	Size of Test Tube	Pack of
405.600.05	12	10
405.600.06	15	10
405.600.07	18	10
405.600.08	25	10



For Socket: Non-Serrated in Natural Rubber (Turnover)

Item Code	Size of Socket	Pack of
410.700.01	B 14	10
410.700.02	B 19	10
410.700.03	B 24	10
410.700.04	B 29	10

For Socket: Serrated in Natural Rubber (Turnover)

Item Code	Size of Socket	Pack of
410.700.05	B 14	10
410.700.06	B 19	10
410.700.07	B 24	10
410.700.08	B 29	10



For Socket: Non-Serrated in Silicon Rubber (Turnover)

Item Code	Size of Socket	Pack of
405.700.01	B 14	10
405.700.02	B 19	10
405.700.03	B 24	10
405.700.04	B 29	10

For Socket: Serrated in Silicon Rubber (Turnover)

Item Code	Size of Socket	Pack of
405.700.05	B 14	10
405.700.06	B 19	10
405.700.07	B 24	10
405.700.08	B 29	10

Si



Screw Thread • Polypropylene

Item Code	Thread GL	Pack of
056.470.01	14	100



Plastic Hose Connection • Used with Cap

Item Code	Cone Size	Type	Pack of
056.474.01	GL 14	Straight	10



**THE BACKBONE OF
EVERY EXPERIMENT**



Our wide range of beakers with graduation which comply with ISO 3819, DIN 12331, ASTM E960 and USP standards. Our beakers have uniform wall thickness for high thermal performance and are chemical resistant. These are manufactured from ASTM E438, TYPE 1: Class A Boro 3.3 glass. We can also customise the printing colour on the beaker as per customer needs.

Beaker, Griffin/Low Form with spout

- Complies with DIN 12331 and ISO 3819 standards
- Highly resistant to chemicals and thermal shock
- Clear metric Graduation for convenient reading
- Large labeling field for easy marking
- Uniform wall thickness and high mechanical strength

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Pack of
229.202.01	5	22	30	10
229.202.02	10	26	35	10
229.202.02B*	20	30	43	10
229.202.03	25	34	51	10
229.202.04	50	42	58	10
229.202.05	100	50	70	10
229.202.06	150	60	88	10
229.202.06A*	200	65	90	10
229.202.07	250	70	95	10
229.202.08	400	80	110	10
229.202.08A*	500	83	118	8
229.202.09	600	90	125	8
229.202.09A	800	100	135	6
229.202.10	1000	105	145	6
229.202.11	2000	132	185	4
229.202.13	3000	152	210	1
229.202.14	5000	170	270	1
229.202.15*	10000	220	350	1
229.202.20*	20000	285	430	1

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

8I
LOW FORM



ENQUIRE

*Non DIN

Beaker, Griffin/Low Form With Double Capacity Scale

- Complies with ASTM E960, TYPE 1
- With spout
- Printed in white colour enamel and double scale
- Highly resistant to chemicals and thermal shock
- Large labeling field for easy marking
- Uniform wall thickness and high mechanical strength

Item Code	Capacity (ml)	Graduation Interval (ml)	Graduation Range (ml)	Pack of
229.402.02	10	-	-	12
229.402.03	20	5	5-15	12
229.402.03A	30	5	5-25	12
229.402.04	50	5	10-45	12
229.402.05	100	10	20-80	12
229.402.06	150	10	20-140	12
229.402.07	250	25	25-200	12
229.402.08	400	25	25-325	12
229.402.09	600	50	50-500	6
229.402.10	1000	50	50-1000	6
229.402.11	2000	100	200-1800	4
229.402.14	4000	250	250-3500	1

3.3
BORO
GLASS

Chemical
Resistant

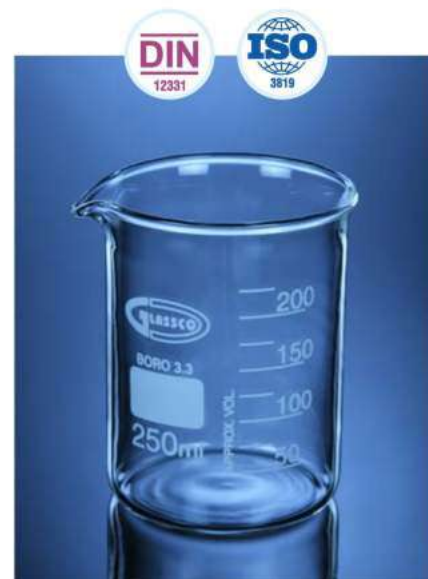
WHITE
PRINTING

8I
LOW FORM

2x METRIC



ENQUIRE



Beakers



Beaker, Griffin/Low Form With Double Capacity Scale, Heavy Wall

- Complies with ASTM E960, TYPE-2, BORO 3.3 GLASS
- Uniform wall thickness with reinforced rim and spout
- Printed in matt finish white colour enamel and double scale
- Highly resistant to chemicals and High mechanical strength
- Not recommended to use on hotplates

Item Code	Capacity (ml)	Graduation Interval (ml)	Graduation Range (ml)	Pack of
229.235.07	250	25	25-200	12
229.235.08	400	25	25-325	12
229.235.09	600	50	50-500	6
229.235.10	1000	50	50-1000	6
229.235.11*	2000	100	200-1800	4
229.235.14	4000	250	250-3500	1

3.3
BORO
GLASS



ENQUIRE

*Non ASTM Standards



Beaker, Berzelius/Tall Form With Spout

- Complies with DIN 12331 and ISO 3819 standards
- Clear metric Graduation for convenient reading
- Highly resistant to chemicals and thermal shock
- Large labeling field for easy marking
- Uniform wall thickness and high mechanical strength

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Pack of
230.202.01	25	32	60	10
230.202.02	50	38	70	10
230.202.03	100	48	80	10
230.202.04	150	54	95	10
230.202.05	250	60	120	10
230.202.06	400	70	130	10
230.202.07A*	500	75	142	8
230.202.07	600	80	150	8
230.202.08	1000	95	180	6

3.3
BORO
GLASS



ENQUIRE

*Non DIN

Beaker, Berzelius/Tall form Without Spout

- Design meets DIN 12331 and ISO 3819 Requirements
- Highly resistant to chemicals and thermal shock
- Large labeling field for easy marking
- Clear metric Graduation for convenient reading
- Uniform wall thickness and high mechanical strength

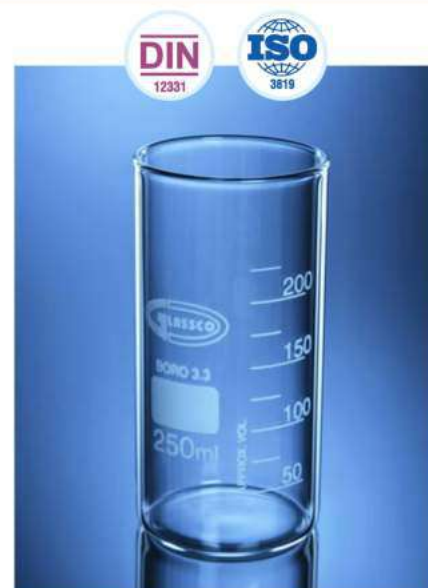
Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Pack of
230.205.02	50	38	70	10
230.205.03	100	48	80	10
230.205.04	150	54	95	10
230.205.05	250	60	120	10
230.205.06	400	70	130	10
230.205.06AB*	500	75	142	8
230.205.07	600	80	150	8
230.205.08	1000	95	180	6

3.3
BORO
GLASS



ENQUIRE

*Non DIN



Beaker, Tablet Disintegration

- For QLA disintegration testing
- Highly resistant to chemicals and thermal shock
- Large labeling field for easy marking

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Pack of
230.209.08	1000	105	145	6

3.3
BORO
GLASS



ENQUIRE



Beaker



Glass Beaker Mug, Heavy Wall

- BORO 3.3 GLASS
- Uniform wall thickness with reinforced rim
- Highly resistant to chemicals and High mechanical strength

Item Code	Capacity (ml)	UOM	Pack of
229.MUG.07	250	10	10
229.MUG.08	400	10	10

3.3
BORO
GLASS

Chemical
Resistant

HEAVY
WALL



ENQUIRE

PS. Printing on the mugs can be provided in different colours



Beaker, Euro Design

- Made from Polypropylene
- These beaker are clear & autoclavable
- Graduation for easy reading

Item Code	Capacity (ml)	Pack of
101.303.01	25	12
101.303.02	50	12
101.303.03	100	12
101.303.04	250	12
101.303.05	500	12
101.303.06	1000	6
101.303.07	2000	6
101.303.08	5000	2

5
PP

LOW FORM

120°C

FLARED
BEADED TOP

EU



ENQUIRE



Measuring Jugs, Euro Design (PP)

- Made from Polypropylene
- These jugs are clear, autoclavable
- Provided with a handle for easy & convenient lifting
- Raised graduation for easy reading

Item Code	Capacity (ml)	Pack of
179.303.01	250	12
179.303.05	500	12
179.303.06	1000	6
179.303.07	2000	6
179.303.08	3000	6
179.303.09	5000	4

5
PP

120°C

FLARED
BEADED TOP

EU



ENQUIRE

Beaker, Tong, SS

- Made of stainless steel
- Silicon sleeved for temp upto 280° C
- Fibre glass yarn to resist direct flame
- To hold beakers upto 2 Litres (155mm OD)

Item Code	Type	Length (mm)	Sleeves	Max Temp	Pack of
396.303.01	Beaker	250	Glass Fibre	500°C	4
396.303.02	Beaker	300	Glass Fibre	500°C	4
396.303.03	Beaker	250	Silicon	280°C	4
396.303.04	Beaker	300	Silicon	280°C	4

SS

Si
Sleeved
280°C

GLASS
Sleeved
500°C



ENQUIRE



Beaker, Brush

- Brush with wirewound Nylon bristles
- An extra-large brush ideal for cleaning beakers

Item Code	Type	Material of Bristles	Pack of
593.303.06	Beaker Brush	Nylon	50

Nylon



ENQUIRE



SAFE, STRONG, RELIABLE
THE PERFECT LAB COMPANION



Bottle, Reagent, Clear with Screw Cap

- Complies with DIN/ISO 4796 standard
- With autoclavable PP screw cap and specially designed PP drip-free pouring ring
- Printed with a retrace code
- Clear scale Graduation and large marking area
- These bottles are autoclavable and can be sterilized
- withstands high temperatures
- Highly resistant to chemicals and high mechanical strength

Item Code	Capacity (ml)	O.D. x Height (mm)	Screw Thread	Pack of
274.205.00*	10**	36x50	GL-25	10
274.202.00B	25**	36x70	GL-25	10
274.202.00	50**	46x87	GL-32	10
274.202.00C	50	46x87	GL-45	10
274.202.01	100	56x100	GL-45	10
274.202.01B*	150	60x120	GL-45	10
274.202.02	250	70x138	GL-45	10
274.202.03	500	86x176	GL-45	10
274.202.04	1000	101x225	GL-45	10
274.202.05	2000	136x260	GL-45	10
274.202.06*	3000	158x295	GL-45	1
274.202.07	5000	181x330	GL-45	1
274.202.08	10000	227x410	GL-45	1
274.202.09	20000	288x505	GL-45	1

3.3
BORO
GLASS



ENQUIRE

*Non DIN

** 10, 25 & 50ml without pouring rings

Caps should be loosened while autoclaving

Bottle, Reagent, Amber With Screw Cap

- Complies with DIN/ISO 4796 standard
- With autoclavable PP screw cap and specially designed PP drip-free pouring ring
- Printed with a retrace code
- Clear scale Graduation and large marking area
- These bottles are autoclavable and can be sterilized
- Withstands high temperatures
- Highly resistant to chemicals and high mechanical strength
- Protects light-sensitive chemicals from UV and visible light, ideal for long term storage

Item Code	Capacity (ml)	O.D. x Height (mm)	Screw Thread	Pack of
275.205.00*	10**	36x50	GL-25	10
275.202.00B	25**	36x70	GL-25	10
275.202.00	50**	46x87	GL-32	10
275.202.00C	50	46x87	GL-45	10
275.202.01	100	56x100	GL-45	10
275.202.02	250	70x138	GL-45	10
275.202.03	500	86x176	GL-45	10
275.202.04	1000	101x225	GL-45	10
275.202.05	2000	136x260	GL-45	10
275.202.06	3000	158x295	GL-45	1
275.202.07	5000	183x330	GL-45	1
-	10000	-	-	1

3.3
BORO
GLASS



ENQUIRE

*Non DIN

** 10, 25 & 50ml without pouring rings

Caps should be loosened while autoclaving



Bottle



Bottle, Safety Coated, Clear with Screw Cap *New*

- Complies with DIN/ISO 4796 standard
- With autoclavable PP screw cap and specially designed PP drip-free pouring ring
- Printed with a retrace code
- Clear scale Graduation and large marking area
- These bottles are autoclavable and can be sterilized
- withstands high temperatures
- Highly resistant to chemicals and high mechanical strength

Item Code	Capacity (ml)	O.D. x Height (mm)	Screw Thread	Pack of
274.CG.01	100	56x100	GL-45	10
274.CG.02	250	70x138	GL-45	10
274.CG.03	500	86x176	GL-45	10
274.CG.04	1000	101x225	GL-45	10
274.CG.05	2000	136x260	GL-45	10
274.CG.07	5000	181x330	GL-45	1
274.CG.08	10000	227x410	GL-45	1
274.CG.09	20000	288x505	GL-45	1

3.3
BORO
GLASS



121°C
SSSS



ENQUIRE

*Non DIN

** 10, 25 & 50ml without pouring rings

Caps should be loosened while autoclaving



Bottle, Safety Coated, Amber With Screw Cap *New*

- Complies with DIN/ISO 4796 standard
- With autoclavable PP screw cap and specially designed PP drip-free pouring ring
- Printed with a retrace code
- Clear scale Graduation and large marking area
- These bottles are autoclavable and can be sterilized
- Withstands high temperatures
- Highly resistant to chemicals and high mechanical strength
- Protects light-sensitive chemicals from UV and visible light, ideal for long term storage

Item Code	Capacity (ml)	O.D. x Height (mm)	Screw Thread	Pack of
275.CG.01	100	56x100	GL-45	10
275.CG.02	250	70x138	GL-45	10
275.CG.03	500	86x176	GL-45	10
275.CG.04	1000	101x225	GL-45	10
275.CG.05	2000	136x260	GL-45	10
275.CG.07	5000	183x330	GL-45	1

3.3
BORO
GLASS



121°C
SSSS



ENQUIRE

*Non DIN

** 10, 25 & 50ml without pouring rings

Caps should be loosened while autoclaving

Bottles Reagent Milk Type Clear Glass *New*

- 400 ml heavy wall with crimp top neck

Item Code	Capacity (ml)	O.D. x Height (mm)	Screw Thread	Pack of
272.515.03	400	70x175	GL-32	10

3.3
BORO
GLASS



ENQUIRE



Bottle, Reagent, Clear With Wide Mouth

- Square Shape
- With DIN thread
- With autoclavable PP screw cap (GL-80) and specially designed PP drip-free pouring ring
- Printed with a retrace code
- Clear scale Graduation and large marking area
- These bottles are autoclavable and can be sterilized
- Withstands high temperatures
- Highly resistant to chemicals and high mechanical strength

Item Code	Capacity (ml)	Approx B x W x H (mm)	Thread Specification	Pack of
274.209.03	500	94 x 94 x 141	GL-80	10
274.209.04	1000	105 x 105 x 187	GL-80	10
274.209.05	2000	115 x 115 x 260	GL-80	10



ENQUIRE

*Height including Cap.

Caps should be loosened while autoclaving



Bottle, Reagent, Amber With Wide Mouth *New*

- Square Shape
- With DIN thread
- With autoclavable PP screw cap (GL-80) and specially designed PP drip-free pouring ring
- Printed with a retrace code
- Clear scale Graduation and large marking area
- These bottles are autoclavable and can be sterilized
- Withstands high temperatures
- Highly resistant to chemicals and high mechanical strength

Item Code	Capacity (ml)	Approx B x W x H (mm)	Thread Specification	Pack of
273.209.03	500	94 x 94 x 141	GL-80	1
273.209.04	1000	105 x 105 x 187	GL-80	1
273.209.05	2000	115 x 115 x 260	GL-80	1



ENQUIRE

*Height including Cap.

Caps should be loosened while autoclaving



Bottle



Bottle, HPLC Mobile Phase

- Complies with USP TYPE 1 BORO 3.3 Glass
- Conical bottom delivers solvents without tilting the reservoir
- With autoclavable PP screw cap (GL-45) and specially designed PP drip-free pouring ring
- Conical bottom delivers all of the solvents without tilting the reservoir
- Prevents leaching of any extractable into the mobile phase solvents

Item Code	Capacity (ml)	Screw Thread	Approx O.D. x Height* (mm)	Pack of
274.213.04	1000	GL-45	101 x 225	1
274.213.05	2000	GL-45	136 x 260	1

Smart Solvent Saver HPLC Reagent Bottle Narrow Mouth, Without Graduation

- These bottles are autoclavable and can be sterilized
- With autoclavable PP screw cap (GL-45) and specially designed PP drip-free pouring ring

Item Code	Capacity (ml)	Screw Thread	Approx O.D. x Height* (mm)	Pack of
274.213CG.04WTG	1000	GL-45	101 x 225	1
274.213CG.05WTG	2000	GL-45	136 x 260	1



SCREW CAP



Chemical Resistant



WHITE PRINTING



PP



ENQUIRE



ENQUIRE



PP Safety Caps (HPLC)

- With filter valve
- Autoclavable upto 140°C

Item Code	Screw Thread	No of Port	Fitting & Plug	Pack of
275.205.04	GL-45	1	Fitting 4 x Plug 4 x 1 Filter	4
275.205.05	GL-45	2	Fitting 8 x Plug 8 x 1 Filter	4
275.205.08	GL-45	3	Fitting 12 x Plug 12 x 1 Filter	4
275.205.09	GL-45	4	Fitting 16 x Plug 16 x 1 Filter	4
275.205.10	GL-45	5	Fitting 20 x Plug 20 x 1 Filter	4
275.506.01	Filter Valve	-	Fitting 4 x Plug 4 x 1 Filter	4



ENQUIRE

Cap for Bottle GL 45, Blue

- Made from Polypropylene
- Autoclavable upto 140° C

Item Code	Colour Description	Thread Specification	Pack of
275.205.01	Blue	GL 45	10
275.205.01O	Orange	GL 45	10
275.205.01Y	Yellow	GL 45	10
275.205.01G	Green	GL 45	10
275.205.01E	Grey	GL 45	10
275.205.01W	White	GL 45	10
275.205.01B	Black	GL 45	10
275.205.01R	Red	GL 45	10

Item Code	Colour Description	Thread Specification	Pack of
275.205.03	Blue	GL 25	10
275.205.03O	Orange	GL 25	10
275.205.03Y	Yellow	GL 25	10
275.205.03G	Green	GL 25	10
275.205.03E	Grey	GL 25	10
275.205.03W	White	GL 25	10
275.205.03B	Black	GL 25	10
275.205.03R	Red	GL 25	10



ENQUIRE



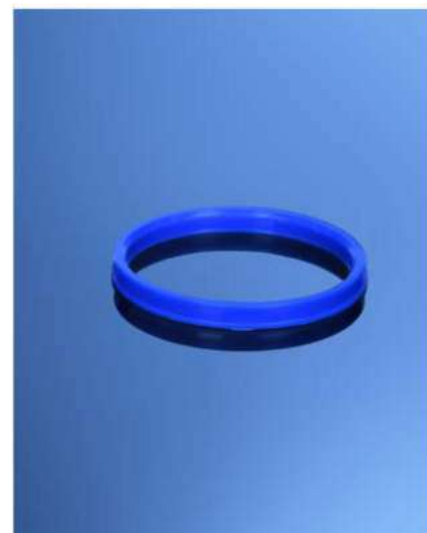
Pouring Ring for Bottle GL 45, Blue Colour

- Made from Polypropylene
- Autoclavable upto 140° C

Item Code	Colour Description	Thread Specification	Pack of
275.205.02	Blue	GL 45	10
275.205.02B	Black	GL 45	10
275.205.02E	Grey	GL 45	10
275.205.02G	Green	GL 45	10
275.205.02O	Orange	GL 45	10
275.205.02R	Red	GL 45	10
275.205.02W	White	GL 45	10
275.205.02Y	Yellow	GL 45	10



ENQUIRE



Bottle



Cap for Bottle GL80, Blue Colour *New*

- Made from Polypropylene
- Autoclavable upto 140° C

Item Code	Colour Description	Thread Specification	Pack of
275.205.01AB	Blue	GL 80	10



ENQUIRE



Pouring Ring for Bottle GL80, Blue Colour *New*

- Made from Polypropylene
- Autoclavable upto 140° C

Item Code	Colour Description	Thread Specification	Pack of
275.205.02AB	Blue	GL 80	10



ENQUIRE



Tamper Evident Proof Screw Cap *New*

- Made from Polypropylene
- For Reagent Bottle GL 45

Item Code	Colour Description	Thread Specification	Pack of
275.205.07	Blue	GL 45	10



ENQUIRE

PTFE Cap, for Reagent Bottle GL 45

- Made from PTFE
- Autoclavable

Item Code	Colour Description	Thread Specification	Pack of
275.204.01	White	GL 45	10

PTFE Pouring Ring for Reagent Bottle GL 45, White Colour

- Made from PTFE
- Autoclavable upto 140° C

Item Code	Colour Description	Thread Specification	Pack of
275.207.01	White	GL 45	10



PTFE



ENQUIRE



ENQUIRE



Bottles, Reagent Narrow Mouth, Clear Glass

- Complies with DIN/ISO 4796
- These bottles come with grounded joint & PE Stopper
- Printed in matt finish white colour enamel
- These bottles are mechanically strong and chemical resistant

Item Code	Capacity (ml)	N/S	Pack of
272.232.01	30	14/23	10
272.232.02A	50	14/23	10
272.232.03	100	14/23	10
272.232.04	250	19/26	10
272.232.05	500	24/29	10
272.232.06	1000	29/32	10
272.232.07	2000	29/32	10

3.3
BORO
GLASS



ENQUIRE

These Bottles can also be supplied with Glass Stoppers.
Please ask for the same separately



Bottle, Reagent Narrow Mouth, Amber Glass

- Complies with DIN/ISO 4796
- These bottles come with PE Stopper
- Printed in matt finish white colour enamel
- These bottles are mechanically strong and chemical resistant
- The uniform Amber colour is highly durable and has high chemical resistance

Item Code	Capacity (ml)	N/S	Pack of
273.232.01	30	14/23	10
273.232.02A	50	14/23	10
273.232.03	100	14/23	10
273.232.04	250	19/26	10
273.232.05	500	24/29	10
273.232.06	1000	29/32	10
273.232.07	2000	29/32	10

3.3
BORO
GLASS



ENQUIRE

These Bottles can also be supplied with Glass Stoppers.
Please ask for the same separately



Bottle



Supplied in
Umbrella stopper

Bottle, Reagent Narrow Mouth, Clear

- Complies with DIN/ISO 4796-2
- Made from ASTM 438 TYPE 1 BORO 3.3 GLASS
- These bottles come with a grounded joint & Umbrella Stopper
- Printed in matt finish white colour enamel
- Clear scale Graduation for easy reading
- These bottles are mechanically strong and chemical resistant

Item Code	Capacity (ml)	O.D. x Height (mm)	N/S	Pack of
272.276.01	30	36x78	14/23	10
272.276.02	60	45x90	14/23	10
272.276.02A	100*	54x98	14/23	10
272.276.03	125	56x115	19/26	10
272.276.04	250	70x142	19/26	10
272.276.05	500	86x180	24/29	10
272.276.06	1000	101x230	29/32	10
272.276.07	2000	136x260	29/32	10

3.3
BORO
GLASS


Chemical
Resistant

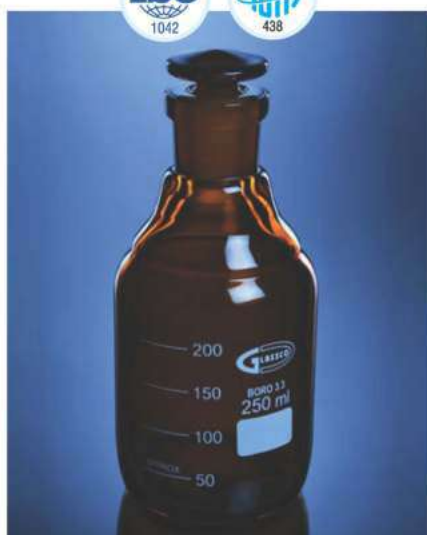

WHITE
PRINTING


UMBRELLA



ENQUIRE

* DIN/ISO



Supplied in
Umbrella stopper

Bottle, Reagent Narrow Mouth, Amber

- Complies with DIN/ISO 4796-2
- Made from ASTM 438 TYPE 1 BORO 3.3 GLASS
- These bottles come with a grounded joint & Umbrella Stopper
- Printed in matt finish white colour enamel.
- Clear scale Graduation for easy reading
- These bottles are mechanically strong and chemical resistant
- The uniform Amber colour is highly durable and has high chemical resistance

Item Code	Capacity (ml)	O.D. x Height (mm)	N/S	Pack of
273.276.01	30	36x78	14/23	10
273.276.02	60	44x90	14/23	10
273.276.02A	100*	54x98	14/23	10
273.276.03	125	56x115	19/26	10
273.276.04	250	70x142	19/26	10
273.276.05	500	86x180	24/29	10
273.276.06	1000	101x230	29/32	10
273.276.07	2000	136x260	29/32	10

3.3
BORO
GLASS


Chemical
Resistant


WHITE
PRINTING


UMBRELLA



ENQUIRE

* DIN/ISO

Bottle, Reagent, Narrow Mouth

- Made from ASTM E-438, TYPE-1, CLASS-A, BORO 3.3 GLASS
- These bottles come with pressed flat stopper
- Mechanically strong and chemical resistant
- Large volume capacity bottles designed for handling and storing culture media
- Large and durable white color enamelled area for marking

Item Code	Capacity (ml)	Stopper No.	Pack of
272.207.03A	125	19	1
272.207.04	250	19	1
272.207.05	500	24	1
272.207.06	1000	29	1
272.207.07	2000	29	1

3.3
BORO
GLASS



A
CLASS



ENQUIRE



Bottle, Tooled Neck, Plain

- Mechanically strong and chemical resistant
- Large volume capacity bottles designed for handling and storing culture media
- Large and durable white color enamelled area for marking

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Pack of
282.202.02	250	70	140	10
282.202.06	500	86	180	10
282.202.07	1000	101	230	10
282.202.08	2000	136	260	10
282.202.09	3000	158	295	1
282.202.10	5000	183	330	1
282.202.11	10000	227	430	1
282.202.12	20000	288	530	1

3.3
BORO
GLASS



ENQUIRE



Bottle, Tooled Neck, Amber

- Recommended to use with light-sensitive media and for long-term storage of substances
- Mechanically strong and chemical resistant
- Large and durable white color enamelled area for marking
- The uniform Amber color is highly durable and has high chemical resistance
- Protects media from light radiations with a wave-length between 300 nm to 500nm

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Pack of
282.279.04	250	70	145	10
282.279.06	500	86	180	10
282.279.07	1000	101	230	10
282.279.08	2000	136	260	10

3.3
BORO
GLASS



ENQUIRE



Bottle



Bottle, Aspirator, with GL 45 Cap with tubulation

- Complies with DIN/ISO 4796-3
- Made From Heat Resistant Boro 3.3 Glass
- These bottles come with autoclavable PP Screw cap & pouring ring
- These bottles have durable and large white color enamel marking area

Item Code	Capacity (ml)	Approx. O.D. x Height* (mm)	Thread Specification	Pack of
280.205.05	250	70 x 140	GL 45	1
280.205.06	500	86 x 176	GL 45	1
280.205.07	1000	101 x 225	GL 45	1
280.205.08	2000	136 x 260	GL 45	1
280.205.10	5000	181 x 330	GL 45	1
280.205.11	10000	227 x 410	GL 45	1
280.205.12	20000	288 x 505	GL 45	1

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

121°C
SSSS

SCREW
CAP

DURABLE



ENQUIRE



Bottle, Aspirator, With GL 45 Cap with socket

- Complies with DIN/ISO 4796-3
- Made From Heat Resistant Boro 3.3 Glass
- These bottles come with autoclavable PP Screw cap and pouring ring
- These bottles have durable large white color enamel marking area
- These bottles are suitable for storage of large media for long duration

Item Code	Capacity (ml)	Approx. O.D. x Height* (mm)	Thread Specification	Outlet Ground Joint Size	Pack of
280.202.07	1000	101 x 225	GL 45	24 / 29	1
280.202.08	2000	136 x 260	GL 45	29 / 32	1
280.202.11	5000	181 x 330	GL 45	29 / 32	1
280.202.12	10000	227 x 410	GL 45	29 / 32	1
280.202.13	20000	288 x 505	GL 45	29 / 32	1

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

121°C
SSSS

SCREW
CAP

DURABLE



ENQUIRE

*Height indicated of Bottle only



Bottle, Aspirator, with GL 45 Cap and Interchangeable Stopcock

- Complies with DIN/ISO 4796-3
- Made From Heat Resistant Boro 3.3 Glass
- Low Expansion

Item Code	Capacity (ml)	Approx. O.D. x Height* (mm)	Thread Specification	Outlet Ground Joint Size	Pack of
281.202.07	1000	101 x 225	GL 45	24 / 29	1
281.202.08	2000	136 x 260	GL 45	29 / 32	1
281.202.11	5000	181 x 330	GL 45	29 / 32	1
281.202.12	10000	227 x 410	GL 45	29 / 32	1
281.202.13	20000	288 x 505	GL 45	29 / 32	1

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

SCREW
CAP

GLASS



ENQUIRE

*Height indicated of Bottle only

Bottle, Dropping

- Made From chemical & Heat Resistant Boro 3.3 Glass
- These bottles come with interchangeable ground joint, with dropper and rubber teat.

Item Code	Neck Size	Capacity (ml)	ODxHeight (mm)	Pack of
279.202.01	14/23	30	36x78	10
279.202.02	14/23	60	45x90	10
279.202.03	19/26	120	56x116	10
279.202.04	19/26	250	70x128	10

3.3
BORO
GLASS



ENQUIRE



Bottle, Amber, Dropping

- Made From chemical Resistant amber glass and Heat Resistant Boro 3.3 Glass
- These bottles come with interchangeable ground joint with dropper and rubber teat
- Protects light-sensitive chemicals from UV and visible light

Item Code	Neck Size	Capacity (ml)	ODxHeight (mm)	Pack of
279.229.01	14/23	30	36x78	10
279.229.02	14/23	60	45x90	10
279.229.03	19/26	120	56x116	10
279.229.04	19/26	250	70x128	10

3.3
BORO
GLASS



ENQUIRE



Mac-Cartney Bottles

- Autoclavable with fitted aluminium screw cap
- Made of soda-lime glass

Item Code	Capacity (ml)	Pack of
283.202.01	15	100
283.202.01	30	100



Iron
Soda
Glass



ENQUIRE



Bottle



Bottle, Gas Washing With Interchangeable Ground Joints

- Complies with DIN 12463
- Made from Heat & Chemical resistant Boro 3.3 Glass

Item Code	Capacity (ml)	Joint Size	Pack of
286.202.04	100	29/32	2
286.202.01B*	125	29/32	2
286.202.05	250	29/32	2
286.202.06	500	29/32	2

3.3
BORO
GLASS



ENQUIRE

*Non DIN



Gas Bottle Head

- Made from ISO/DIN 3585, Class A, TYPE 1, Boro 3.3 glass
- Complies DIN 12596 standard
- Made from Heat & Chemical resistant Boro 3.3 Glass

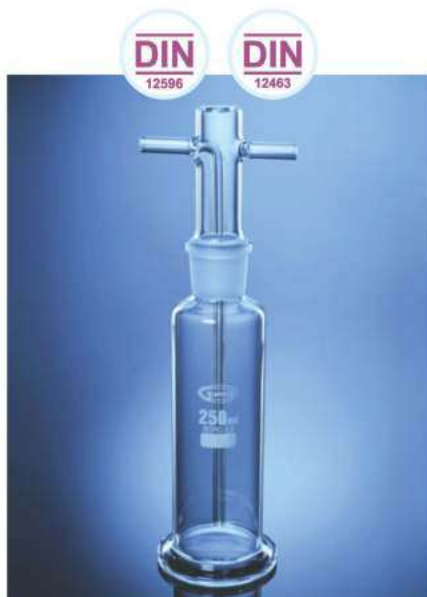
Item Code	Capacity (ml)	Joint Size	Pack of
285.202.04	100	29/32	1
285.202.01B*	125	29/32	1
285.202.05	250	29/32	1
285.202.06	500	29/32	1

3.3
BORO
GLASS



ENQUIRE

*Non DIN



Bottle, Gas Washing With Head

- Complies with DIN 12596 and 12463 standards

Item Code	Capacity (ml)	Joint Size	Pack of
285.406.01*	125	29/32	1
285.406.02	250	29/32	1
285.406.03	500	29/32	1

*Non standards



ENQUIRE

Bottle, Head, Sintered Wash

- Complies DIN 12596
- Dreschel type head with filter disc
- Porosity 0

Item Code	Capacity (ml)	Joint Size	Pack of
287.202.06	100	29/32	1
287.202.06A*	125	29/32	1
287.202.07	250	29/32	1
287.202.08	500	29/32	1

3.3
BORO
GLASS



*Non DIN



ENQUIRE



Bottle, Impinger, Greenburg-Smith, Graduated *New*

Item Code	Capacity (ml)	Joint Size	Pack of
285.602.01	70	29/32	6



ENQUIRE



Bottle, Weighing

- Made from ASTM-438, TYPE-1, Boro 3.3 glass
- Highly resistant to chemicals and high mechanical strength

Item Code	O.D. x Ht. (mm)	Form	Capacity (ml)	Pack of
264.202.01	40x30	Squat Form	15	10
264.202.02	50x25	Squat Form	20	10
264.202.03	50x35	Squat Form	35	10
264.202.04	50x50	Squat Form	50	10
264.202.05	60x30	Squat Form	30	10
264.202.05A	60x40	Squat Form	40	10
264.202.06	20x40	Tall Form	5	10
264.202.07	25x50	Tall Form	15	10
264.202.08	30x60	Tall Form	25	10
264.202.09	40x80	Tall Form	60	10

Item Code	I.D. x Ht. (mm)	Neck Size	Form	Capacity (ml)	Pack of
264.402.03	50x30	50/12	Squat Form	35	10
264.402.05	60x30	60/12	Squat Form	50	10
264.402.07	70x33	71/15	Squat Form	82	10
264.407.01	15x50	14/10	Tall Form	7	10
264.407.02	25x40	24/12	Tall Form	12	10
264.407.02A	25x50	24/12	Tall Form	16	10
264.407.03	30x60	29/12	Tall Form	30	10
264.407.05	40x50	40/12	Tall Form	45	10
264.407.05A	40x80	40/12	Tall Form	70	10
264.407.07	50x60	50/12	Tall Form	85	10

3.3
BORO
GLASS



ENQUIRE



ENQUIRE



Bottle



Bottle, Gas Washing, Flat Bottom With Interchangeable Head

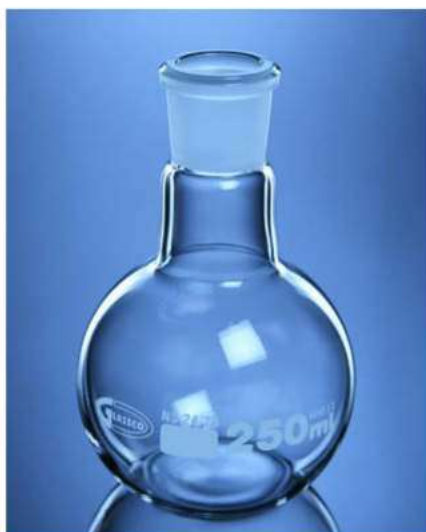
- Highly resistant to chemicals and high mechanical strength

Item Code	Capacity ml	Approx Total Height mm	Size of I/C Stopper	Pack of
285.502.02	250	225	24/29	1
285.502.03	500	280	24/29	1
285.502.04	1000	315	29/32	1

3.3
BORO
GLASS



ENQUIRE



Bottle, Gas Washing, Flat Bottom

- Complies with ISO 3585 standard
- Withstands high temperatures

Item Code	Capacity ml	Approx Total Height mm	Size of I/C Stopper	Pack of
289.202.02	250	135	24/29	1
289.202.03	500	175	24/29	1
289.202.04	1000	205	29/32	1

3.3
BORO
GLASS



ENQUIRE



Head for Flat Bottom Gas Washing Bottle

- Highly resistant to chemicals and temperature

Item Code	Capacity ml	Size of I/C Stopper	Pack of
287.502.02	250	24/29	1
287.502.03	500	24/29	1
287.502.04	1000	29/32	1

3.3
BORO
GLASS



ENQUIRE

Pycnometers According to Gay-Lussac, Calibrated, A Class

- Complies with DIN/ISO 3507 standards
- For Determining Liquid Density
- Can Hold Volatile Liquids or Semi-Solid Bitumens
- With PTFE Stopper
- With Work Certificate

Item Code Class A	Capacity (ml)	Tolerance (±ml)	Pack of
268.223.01	10	0.3	1
268.223.02	25	0.8	1
268.223.03	50	1	1
268.223.04	100	1	1

3.3
BORO
GLASS



A
CLASS



ENQUIRE



Pycnometers to Gay-Lussac, Calibrated, Class A

- For Determining Liquid Density
- Can hold volatile Liquids or Semi-Solid Bitumens
- With PTFE Stopper
- Without Work Certificate

Item Code Class B	Capacity (ml)	Pack of
268.237.01	10	2
268.237.02	25	2
268.237.03	50	2
268.237.04	100	2

3.3
BORO
GLASS



A
CLASS



ENQUIRE



Pycnometers with ground in thermometer, Calibrated, A Class

- Complies with DIN/ISO 3507 standards
- With Side Arm
- For Determining Liquid Density
- Can Hold Volatile Liquids or Semi-Solid Bitumens
- With PTFE Stopper

Item Code Class A	Capacity (ml)	Tolerance (±ml)	Pack of
270.205.01	10	0.3	1
270.205.02	25	0.8	1
270.205.03	50	1	1
270.205.04	100	1	1

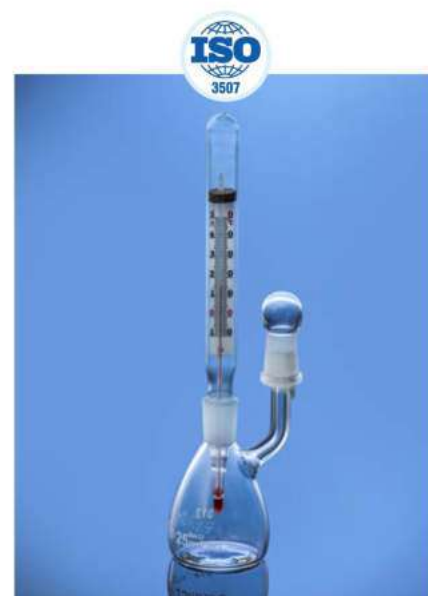
3.3
BORO
GLASS



A
CLASS



ENQUIRE



Bottle

Biochemical Oxygen Demand (BOD) bottles for BOD test by incubating water samples to determine oxygen to determine the amount of oxygen used by microorganisms to break down organic matter.

BOD bottles are designed to prevent air from entering the sample during the test. The curved shoulder radius of the bottle minimises air during filling, the flared mouth of the bottle prevents air entering during incubation & the tapered bottom of the interchangeable stopper prevents air entrapment.

Stopper joint is compatible with the probes of leading BOD and DO meters. Manufactured from high-quality Borosilicate tubing, ASTM E438, TYPE 1: Class A Boro 3.3 glass, which makes the bottles much less susceptible to etching when compared to traditional BOD bottles.

These bottles come numbered and unnumbered with a choice of penny head or robotic stopper.



BOD Glass Bottle

• With glass penny head stopper

Item Code	Capacity ml	Number Sequence	Stopper (Glass Type)	Pack of
284.456.01	60	Unnumbered	Pennyhead	1
284.451.01A	60	1-36	Pennyhead	36
284.451.01B	60	37-72	Pennyhead	36
284.451.01C	60	73-108	Pennyhead	36
284.456.03	125	Unnumbered	Pennyhead	1
284.456.02	300	Unnumbered	Pennyhead	1
284.456.02R	Bar-Coded, 300	1-24	Pennyhead	24
284.456.02A	Bar-Coded, 300	25-48	Pennyhead	24
284.456.02B	Bar-Coded, 300	49-72	Pennyhead	24
284.456.02C	Bar-Coded, 300	73-96	Pennyhead	24
284.456.02D	Bar-Coded, 300	97-120	Pennyhead	24
284.456.02E	Bar-Coded, 300	121-144	Pennyhead	24
284.456.02F	Bar-Coded, 300	145-168	Pennyhead	24
284.456.02G	Bar-Coded, 300	169-192	Pennyhead	24
284.456.02H	Bar-Coded, 300	193-216	Pennyhead	24
284.456.02I	Bar-Coded, 300	217-240	Pennyhead	24
284.456.02J	Bar-Coded, 300	241-264	Pennyhead	24
284.456.02K	Bar-Coded, 300	265-288	Pennyhead	24
284.456.02L	Bar-Coded, 300	289-312	Pennyhead	24
284.456.02M	Bar-Coded, 300	313-336	Pennyhead	24
284.456.02N	Bar-Coded, 300	337-360	Pennyhead	24
284.456.02O	Bar-Coded, 300	361-384	Pennyhead	24
284.456.02P	Bar-Coded, 300	385-408	Pennyhead	24
284.456.02Q	Bar-Coded, 300	409-432	Pennyhead	24

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING



ENQUIRE



BOD Glass Bottle, Amber

• With glass penny head stopper

Item Code	Capacity ml	Number Sequence	Stopper (Glass Type)	Pack of
284.429.01	60	Unnumbered	Pennyhead	1
284.429.02	300	Unnumbered	Pennyhead	1

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING



ENQUIRE

Item Code	Capacity ml	Number Sequence	Stopper (Glass Type)	Pack of
284.453.01	60	Unnumbered	Robotic	1
284.453.01A	60	1-36	Robotic	36
284.453.01B	60	37-72	Robotic	36
284.453.01C	60	73-108	Robotic	36
284.455.02	300	Unnumbered	Robotic	1
284.455.02A	Bar-Coded, 300	1-24	Robotic	24
284.455.02B	Bar-Coded, 300	25-48	Robotic	24
284.455.02C	Bar-Coded, 300	49-72	Robotic	24
284.455.02D	Bar-Coded, 300	73-96	Robotic	24
284.455.02E	Bar-Coded, 300	97-120	Robotic	24
284.455.02F	Bar-Coded, 300	121-144	Robotic	24
284.455.02G	Bar-Coded, 300	145-168	Robotic	24
284.455.02H	Bar-Coded, 300	169-192	Robotic	24
284.455.02I	Bar-Coded, 300	193-216	Robotic	24
284.455.02J	Bar-Coded, 300	217-240	Robotic	24
284.455.02K	Bar-Coded, 300	241-264	Robotic	24
284.455.02L	Bar-Coded, 300	265-288	Robotic	24
284.455.02M	Bar-Coded, 300	289-312	Robotic	24
284.455.02N	Bar-Coded, 300	313-336	Robotic	24
284.455.02O	Bar-Coded, 300	337-360	Robotic	24
284.455.02P	Bar-Coded, 300	361-384	Robotic	24
284.455.02Q	Bar-Coded, 300	385-408	Robotic	24
284.455.02R	Bar-Coded, 300	409-432	Robotic	24



3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING



ENQUIRE

Snap-over cap for BOD Bottle, 300 ml

Item Code	Capacity	Material	Pack of
284.450.02SC	300 ml	Polypropylene	10



ENQUIRE

Bottle, Brush

Item Code	Type	Material of Bristles	Pack of
593.303.01	Bottles Brush	Nylon	50

Nylon



ENQUIRE



Bottle



Bottle, Roux Culture, Off-Set Neck, 1000 ml

- These bottles are ideal for growing various type of cell cultures
- These bottles with stand multiple sterilization
- The neck of these bottles is tool finished for greater strength

Item Code	Capacity ml	Approx BxWxH (mm)	Approx. Neck I.D.(mm)	Pack of
288.202.07	1000	126 x 56 x 265	26	2

3.3
BORO
GLASS



ENQUIRE



Aspirator Bottles

- Made of Polypropylene and are therefore much lighter than glass
- These are autoclavable, durable & dependable
- The leakproof spigot screwed to the bottle body requires only a half turn to open or close
- These bottles are used for storing or dispensing distilled water & other laboratory solutions
- Cap and Stopcock should be remove before autoclaving this aspirator bottles.

Item Code	Capacity (Ltr.)	Pack of
108.303.04	2	1
108.303.01	5	1
108.303.02	10	1
108.303.03	20	1



ENQUIRE



Carboy With Stop Cock

Material : Polypropylene, Autoclavable

Item Code	Capacity (Ltr.)	Pack of
196.303.01	10	1
196.303.02	20	1



ENQUIRE

Carboy

Material : Polypropylene, Autoclavable

Item Code	Capacity (Ltr.)	Pack of
195.303.01	10	1
195.303.02	20	1



ENQUIRE



Dropping Bottles

- Made from Low Density Polyethylene
- Dropping Bottles dispense small uniform drops of liquids when pressed lightly

Item Code	Capacity (Ltr.)	Pack of
105.303.01	60	12
105.303.02	125	12



ENQUIRE



Narrow Mouth Bottle

Material : Polypropylene, Autoclavable

Item Code	Capacity (ml)	Pack of
197.303.01	4000	1



ENQUIRE





Wide Mouth Square Bottle

Material : Polypropylene, Autoclavable

Item Code	Capacity (ml)	Pack of
198.303.01	4000	1



ENQUIRE



Heavy Duty Vacuum Bottle

Material : Polypropylene, Autoclavable

Item Code	Capacity (ml)	Pack of
199.303.01	2000	1



ENQUIRE

Wash Bottles

- Made from Low Density Polyethylene which gives these bottles a translucent & unbreakable character
- Solutions can be poured easily by squeezing the bottle lightly
- The cap is fitted with a flexible polyethylene delivery tube which can be aimed wherever required

Item Code	Capacity (ml)	Pack of
109.303.01	125	12
109.303.02	250	12
109.303.03	500	6
109.303.04	1000	6



ENQUIRE



Wash Bottles (New Type)

- Made from Low-Density Polyethylene are therefore translucent & unbreakable
- The distinguishing feature that these bottles have is the built in delivery tube, making it a one-piece Wash Bottle
- These Bottles are graduated on the outer surface to approximate idea the volume of the solution filled or dispensed

Item Code	Capacity (ml)	Pack of
110.303.01	250	12
110.303.02	500	12
110.303.03	125	12



ENQUIRE



Bottle



Reagent Bottles (Narrow Mouth)

- Made from Polypropylene
- The PP bottles are rigid, translucent and have excellent contact clarity
- These bottles can be autoclaved filled as well as empty
- On the other hand, the Polypropylene bottle too have excellent strength and are unbreakable
- The Polypropylene Cap has a built in seal ring to make these bottles leakproof

Item Code	Capacity (ml)	Pack of
106.303.06	4	12
106.303.07	8	12
106.303.08	15	12
106.303.09	30	12
106.303.01	60	12
106.303.02	125	12
106.303.03	250	12
106.303.04	500	12
106.303.05	1000	6



PP



LEAKPROOF



ENQUIRE



Reagent Bottles, Amber (Narrow Mouth)

- Made from HDPE
- The HDPE bottles are rigid, opaque
- These bottles can be autoclaved filled as well as empty
- On the other hand, the HDPE bottle too have excellent strength and are unbreakable
- The HDPE Cap has a built in seal ring to make these bottles leakproof

Item Code	Capacity (ml)	Pack of
106.379.01	4	12
106.379.02	8	12
106.379.03	15	12
106.379.04	30	12
106.379.05	60	12
106.379.06	125	12
106.379.07	250	12
106.379.08	500	12
106.379.09	1000	6



PP



LEAKPROOF



ENQUIRE

Reagent Bottles (Wide Mouth)

- Made from Polypropylene
- The PP bottles are rigid, translucent and have excellent contact clarity
- These bottles can be autoclaved filled as well as empty
- On the other hand, the Polypropylene bottle too have excellent strength and are unbreakable
- The Polypropylene Cap has a built in seal ring to make these bottles leakproof

Item Code	Capacity (ml)	Pack of
107.303.01	60	12
107.303.02	125	12
107.303.03	250	12
107.303.04	500	12
107.303.05	1000	6
107.303.06	30	12



ENQUIRE



Reagent Bottles, Amber (Wide Mouth)

- Made from HDPE
- The HDPE bottles are rigid, opaque
- These bottles can be autoclaved filled as well as empty
- On the other hand, the HDPE bottle too have excellent strength and are unbreakable
- The HDPE Cap has a built in seal ring to make these bottles leakproof

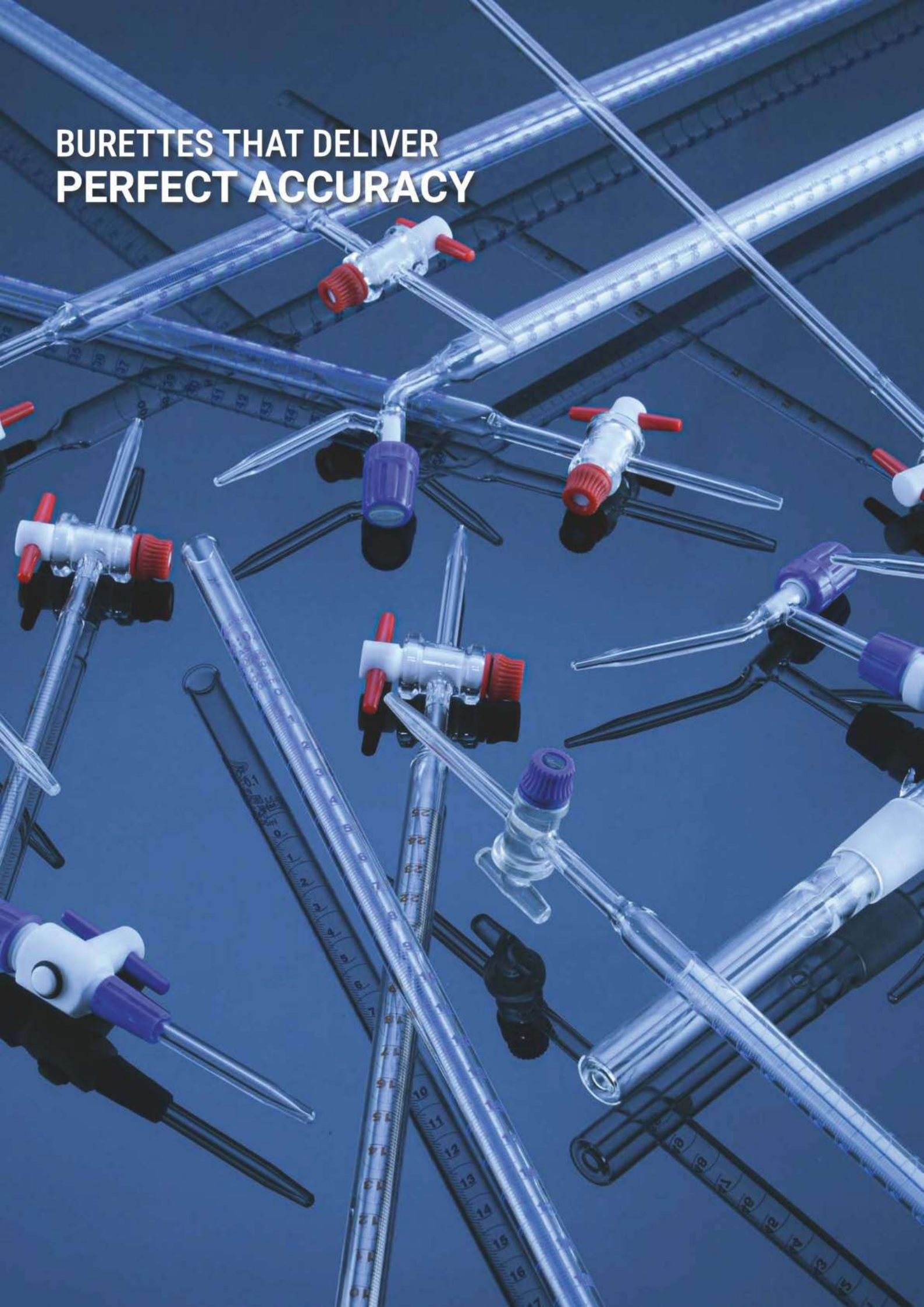
Item Code	Capacity (ml)	Pack of
107.379.01	30	12
107.379.02	60	12
107.379.03	125	12
107.379.04	250	12
107.379.05	500	12
107.379.06	1000	6



ENQUIRE

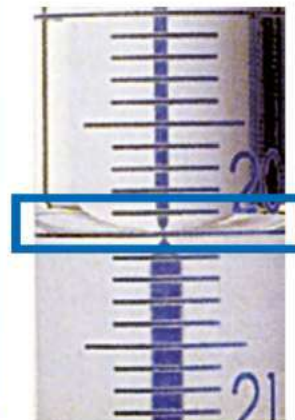


**BURETTES THAT DELIVER
PERFECT ACCURACY**

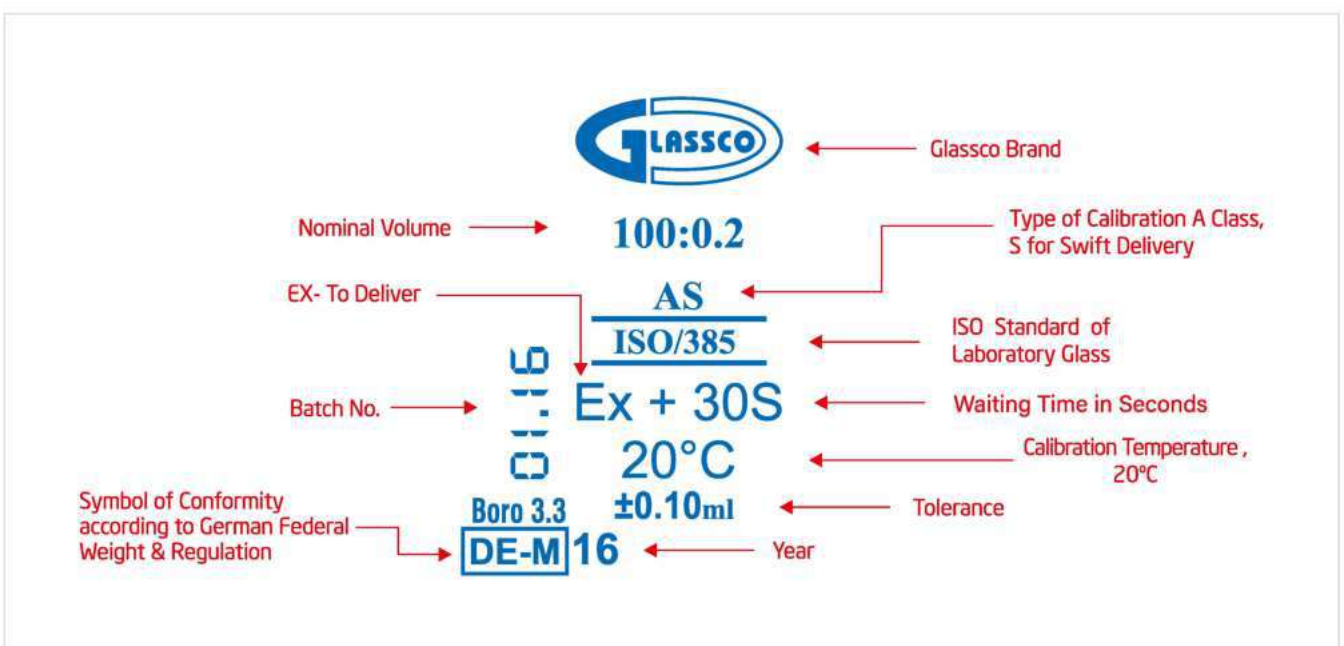




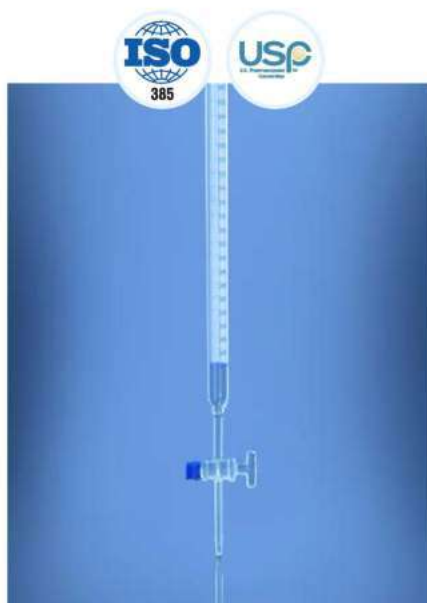
"Our calibrated burettes (Ex at + 20 °C reference temperature) are manufactured from ASTM E438, TYPE 1: Class A Boro 3.3 glass and precision bore tubing for accuracy. All burettes comply with DIN/ISO 385 & USP standards. All Class AS burettes have batch/conformity or individual work certificates. All Class B burettes are printed in amber enamel that are suitable for schools & institutional laboratories with lower accuracy than Class A. Burettes come with a choice of 4 stopcocks; glass stopcock, PTFE needle valve stopcock, PTFE key stopcock & detachable stopcock."



Schellbach Stripe



Burette



Burette with glass stopcock, Schellbach stripe, class AS

- Complies with DIN ISO 385 and USP standard
- With Individual Work Certificate
- Durable Blue Print
- Schellbach stripe for precise liquid dispensing and accurate meniscus reading

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of
110.223.01	10	0.05	0.03	1
110.223.02	25	0.1	0.05	1
110.223.03	50	0.1	0.05	1
110.223.04	100	0.2	0.1	1

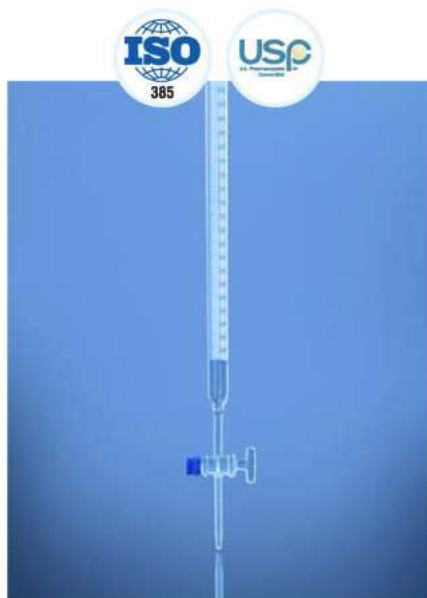
3.3
BORO
GLASS



AS
CLASS



ENQUIRE



Burette With Glass Stopcock, Schellbach Stripe, class AS

- Complies with DIN ISO 385 and USP standard
- With Batch Certificate
- Durable Blue Print
- Schellbach stripe for precise liquid dispensing and accurate meniscus reading

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of
110.202.01A	10	0.05	0.03	1
110.202.02A	25	0.1	0.05	1
110.202.03A	50	0.1	0.05	1
110.202.04A	100	0.2	0.1	1

3.3
BORO
GLASS



AS
CLASS



ENQUIRE

Burette with glass stopcock Class AS, Clear

- Complies with DIN/ISO 385 and USP standard
- With Individual Certificate
- Durable Blue Print

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of
111.223.01	10	0.05	0.03	1
111.223.02	25	0.1	0.05	1
111.223.03	50	0.1	0.05	1
111.223.04	100	0.2	0.1	1

3.3
BORO
GLASS

BLUE
PRINTING

Chemical
Resistant

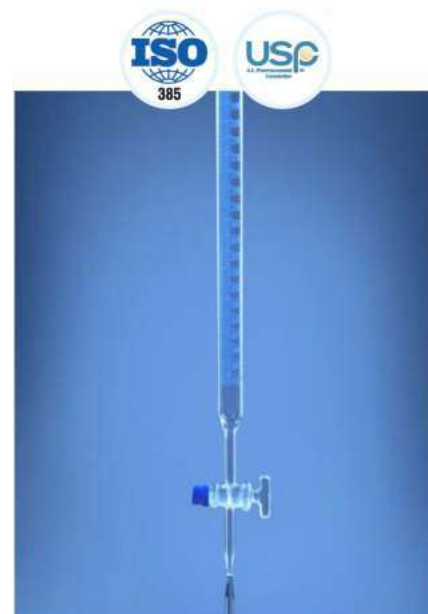
GLASS

AS
CLASS

INDIVIDUAL
CERTIFICATE



ENQUIRE



Burette with glass stopcock Class AS, Clear

- Complies with DIN/ISO 385 and USP standard
- With Batch Certificate
- Durable Blue Print

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of
111.202.01	10	0.05	0.03	1
111.202.02	25	0.1	0.05	1
111.202.03	50	0.1	0.05	1
111.202.04	100	0.2	0.1	1

3.3
BORO
GLASS

BLUE
PRINTING

Chemical
Resistant

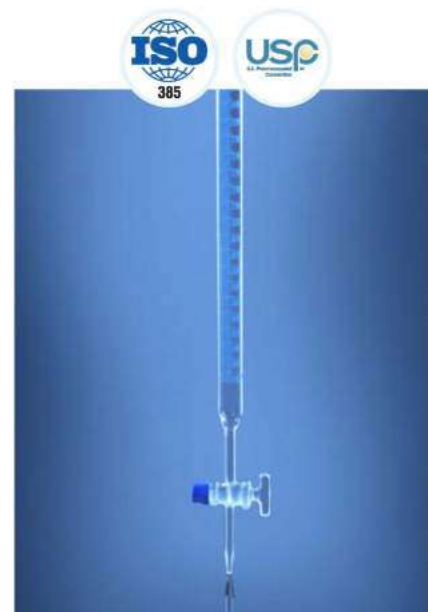
GLASS

AS
CLASS

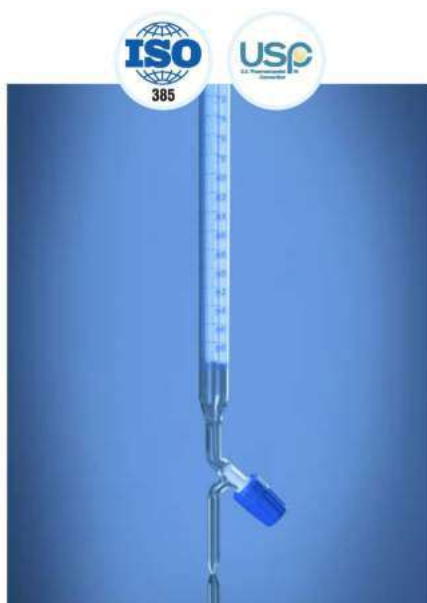
BATCH
CERTIFICATE



ENQUIRE



Burette



Burette With PTFE Needle Valve Stopcock, Schellbach stripe, Class AS

- With Individual Certificate
- Complies with DIN/ISO 385 and USP standards
- Durable Blue Print
- Schellbach Stripe for Precise Liquid Dispensing and Accurate Meniscus Reading

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of
112.223.01A	10	0.05	0.03	1
112.223.02A	25	0.10	0.05	1
112.223.03A	50	0.10	0.05	1
112.223.04A	100	0.20	0.10	1

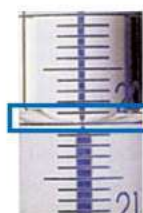
3.3
BORO
GLASS



AS
CLASS



ENQUIRE



Schellbach
Stripe



Burette with PTFE Needle Valve Stopcock, Schellbach stripe, Class AS

- With Batch Certificate
- Complies With DIN/ISO 385 and USP Standards
- Durable Blue Print
- Schellbach Stripe For Precise Liquid Dispensing and Accurate Meniscus Reading

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of
112.202.01A	10	0.05	0.03	1
112.202.02A	25	0.10	0.05	1
112.202.03A	50	0.10	0.05	1
112.202.04A	100	0.20	0.10	1

3.3
BORO
GLASS



AS
CLASS



ENQUIRE

Burette With PTFE Needle Valve Stopcock, Class AS

- With Individual work Certificate
- Compliance with DIN/ISO 385 and USP standards
- Printed in Blue colour

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of
113.223.01	10	0.05	0.03	1
113.223.02	25	0.10	0.05	1
113.223.03	50	0.10	0.05	1
113.223.04	100	0.20	0.10	1

3.3
BORO
GLASS



AS
CLASS



ENQUIRE



Burette with PTFE Needle Valve Stopcock, Class AS, Clear Glass

- With Batch Certificate
- Complies with DIN/ISO 385 and USP standards
- Durable Blue Print

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of
113.202.01	10	0.05	0.03	1
113.202.02	25	0.10	0.05	1
113.202.03	50	0.10	0.05	1
113.202.04	100	0.20	0.10	1

3.3
BORO
GLASS



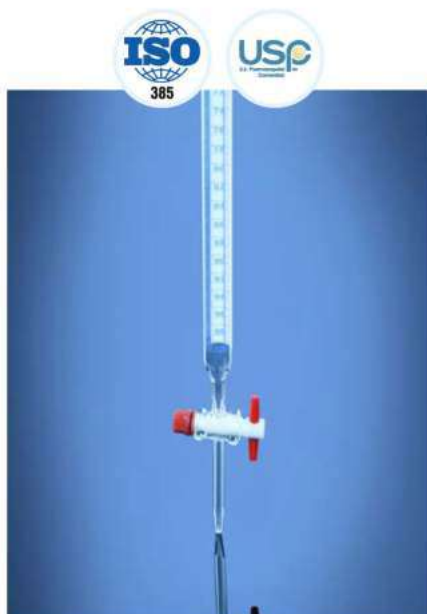
AS
CLASS



ENQUIRE



Burette



Burette with PTFE Key Stopcock, Schellbach Stripe, Class AS

- With Individual work Certificate
- Complies With DIN/ISO 385 and USP Standards
- Durable Blue Print
- Schellbach Stripe For Precise Liquid Dispensing and Accurate Meniscus Reading

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of
114.223.04A	10	0.05	0.03	1
114.223.05A	25	0.1	0.05	1
114.223.06A	50	0.1	0.05	1
114.223.07A	100	0.2	0.1	1

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of
114.229.07A	-	-	-	1

3.3
BORO
GLASS

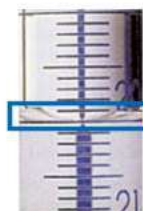
BLUE
PRINTING

Chemical
Resistant

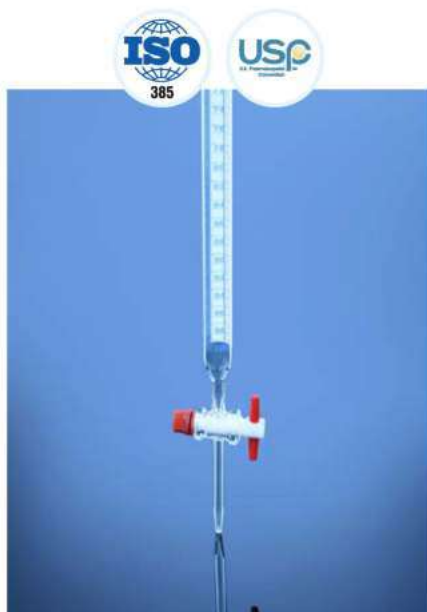
PTFE

AS
CLASS

INDIVIDUAL
CERTIFICATE



Schellbach
Stripe



Burette with PTFE Key Stopcock, Schellbach Stripe, Class AS

- With Batch Certificate
- Complies with DIN/ISO 385 and USP standards
- Durable Blue Print
- Schellbach Stripe for Precise Liquid Dispensing and Accurate Meniscus Reading

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of
114.202.04A	10	0.05	0.03	1
114.202.05A	25	0.1	0.05	1
114.202.06A	50	0.1	0.05	1
114.202.07A	100	0.2	0.1	1

3.3
BORO
GLASS

BLUE
PRINTING

Chemical
Resistant

PTFE

AS
CLASS

BATCH
CERTIFICATE



Burette With PTFE Key Stopcock, Class AS, Clear

- With Individual Certificate
- Complies with DIN/ISO 385 and USP standards
- Printed in Blue Print

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of
115.223.01	10	0.05	0.03	1
115.223.02	25	0.10	0.05	1
115.223.03	50	0.10	0.05	1
115.223.04	100	0.20	0.10	1

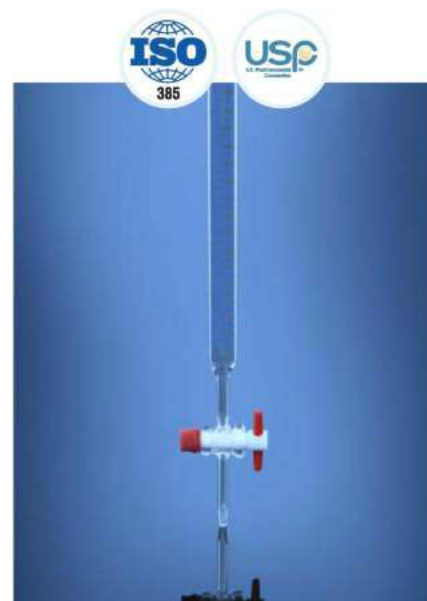
3.3
BORO
GLASS



AS
CLASS



ENQUIRE



Burette With PTFE Key Stopcock, Class AS, Clear

- With Batch Certificate
- Complies with DIN/ISO 385 and USP standards
- Printed in Blue Print

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of
115.202.01	10	0.05	0.03	1
115.202.02	25	0.10	0.05	1
115.202.03	50	0.10	0.05	1
115.202.04	100	0.20	0.10	1

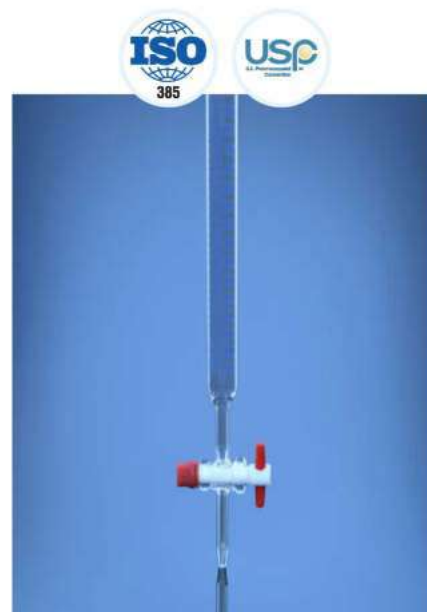
3.3
BORO
GLASS

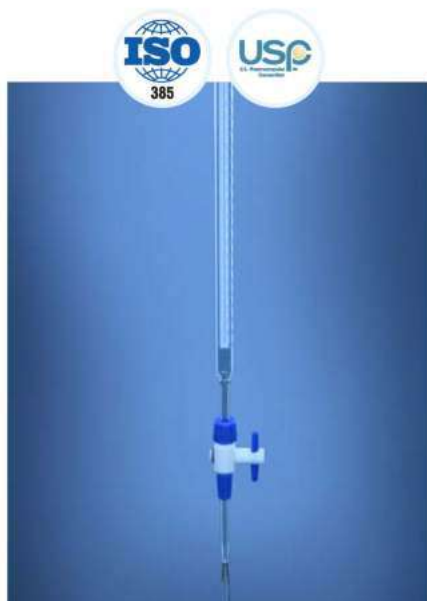


AS
CLASS



ENQUIRE





Burette with PTFE Detachable Stopcocks, Schellbach stripe, Class AS

- With Individual Certificate
- Complies with DIN ISO 385 and USP standards
- Durable Blue Colour
- Schellbach Stripe for Precise Liquid Dispensing and Accurate Meniscus Reading

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of
117.223.01A	10	0.05	0.03	1
117.223.02A	25	0.10	0.05	1
117.223.03A	50	0.10	0.05	1

3.3
BORO
GLASS



BLUE
PRINTING



Chemical
Resistant



PTFE

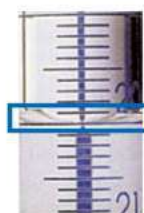
AS
CLASS



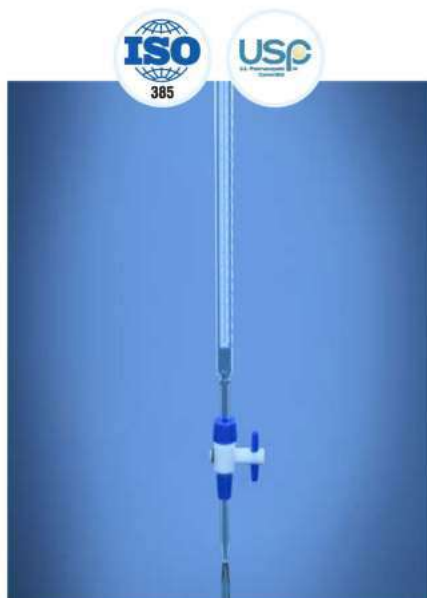
INDIVIDUAL
CERTIFICATE



ENQUIRE



Schellbach
Stripe



Burette with PTFE Detachable Stopcocks, Schellbach stripe, Class AS

- With Batch Certificate
- Complies with DIN ISO 385 and USP standards
- Durable Blue Colour
- Schellbach Stripe for Precise Liquid Dispensing and Accurate Meniscus Reading

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of
117.202.01A	10	0.05	0.03	1
117.202.02A	25	0.10	0.05	1
117.202.03A	50	0.10	0.05	1

3.3
BORO
GLASS



BLUE
PRINTING



Chemical
Resistant



PTFE

AS
CLASS



BATCH
CERTIFICATE



ENQUIRE

Burette with PTFE Detachable Stopcock, Class AS

- With Individual Certificate
- Complies with DIN/ISO 385 and USP standards
- Durable Blue Print

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of
117.223.01	10	0.05	0.03	1
117.223.02	25	0.10	0.05	1
117.223.03	50	0.10	0.05	1

3.3
BORO
GLASS



AS
CLASS



ENQUIRE



Burette with PTFE Detachable Stopcock, Class AS

- With Batch Certificate
- Complies with DIN/ISO 385 and USP standards
- Durable Blue Print

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of
117.202.01	10	0.05	0.03	1
117.202.02	25	0.10	0.05	1
117.202.03	50	0.10	0.05	1

3.3
BORO
GLASS



AS
CLASS



ENQUIRE



Burette



Burette with Glass Stopcock, Class B

- Complies With DIN/ISO 385 standards
- Durable Amber Print

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of
110.224.01	10	0.05	0.05	1
110.224.02	25	0.10	0.10	1
110.224.03	50	0.10	0.10	1

3.3
BORO
GLASS

AMBER
PRINTING

Chemical
Resistant

GLASS

B
CLASS



Burette With PTFE Needle Valve Stopcock, Class B

- Complies With DIN/ISO 385 and USP standards
- Durable Amber Print

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of
112.224.01	10	0.05	0.05	1
112.224.02	25	0.10	0.10	1
112.224.03	50	0.10	0.10	1

3.3
BORO
GLASS

AMBER
PRINTING

Chemical
Resistant

NEEDLE

B
CLASS



Burette with PTFE Key Stopcock, Class B

- Complies With DIN/ISO 385 and USP standards
- Durable Amber Print

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of
114.224.01	10	0.05	0.05	1
114.224.02	25	0.10	0.10	1
114.224.03	50	0.10	0.10	1

3.3
BORO
GLASS



B
CLASS



ENQUIRE



Burette with PTFE Detachable Stopcock, Class B

- Complies With DIN/ISO 385 and USP standards
- Durable Amber Print

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of
117.224.01	10	0.05	0.05	1
117.224.02	25	0.10	0.10	1
117.224.03	50	0.10	0.10	1

Burette With Detachable PP Stopcock, Class B

- With PTFE Key

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of
109.224.03	50	0.10	0.10	1

3.3
BORO
GLASS



B
CLASS

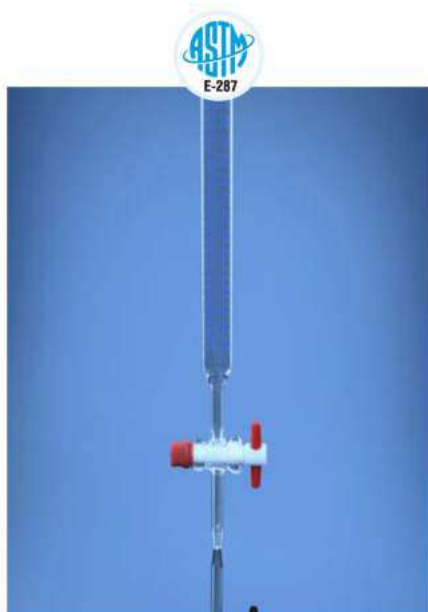


ENQUIRE



ENQUIRE





ASTM-Burettes

Burette Serilized/Certfied With PTFE Key Stopcock, Class A

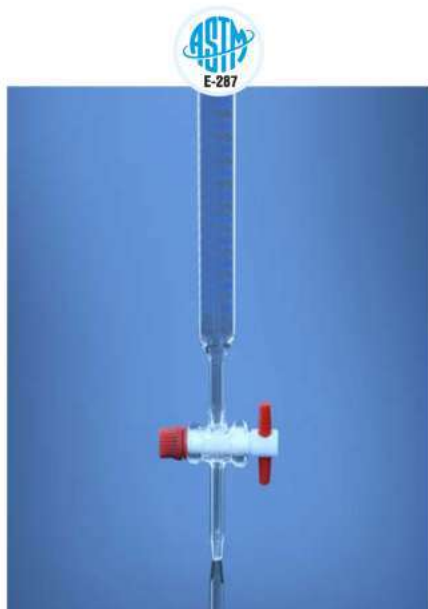
- Calibrated to Meet ASTM E287 Specifications and NIST Traceable Standards
- Each Burette is Individually Serialized
- With Certificate of Identification and Capacity
- Durable Blue Print

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of
115.451.01	10	0.05	0.02	1
115.451.02	25	0.10	0.03	1
115.451.03	50	0.10	0.05	1
115.451.04	100	0.20	0.10	1

3.3
BORO
GLASS



ENQUIRE



Burette With PTFE Key Stopcock, Class A, Unserilized

- Calibrated to meet ASTM E 287 Specifications
- Calibrated according to class A norms and accordingly a batch certificate is issued
- Durable Blue Print

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of
115.452.01	10	0.05	0.02	1
115.452.02	25	0.10	0.03	1
115.452.03	50	0.10	0.05	1
115.452.04	100	0.20	0.10	1

3.3
BORO
GLASS



ENQUIRE

Burette with PTFE Key Stopcock, Class-B

- Calibrated to meet ASTM E287 standard
- Durable Amber Print
- Suitable for use in schools and institutional laboratories not requiring the accuracy of Class A

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of
114.424.01	10	0.05	0.04	1
114.424.02	25	0.10	0.06	1
114.424.03	50	0.10	0.10	1

3.3
BORO
GLASS



B
CLASS



ENQUIRE



Burette

- Transparent acrylic body and a leakproof stopcock fitted with a self lubricating PTFE plug
- Each Burette is individually calibrated to give maximum accuracy
- Acrylic body is not affected by dilute mineral acids & bases except Hydrofluoric Acid & Ammonium Hydroxide
- The pH range of 1-14 is ideal and can be used up to 5% wt/wt of acids or 30% bases.
- Polymethyl Methacrylate / TPX

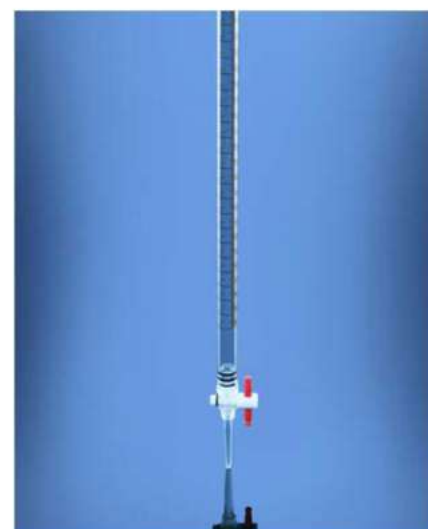
Item Code	Capacity (ml)	Pack of
103.303.01	10	10
103.303.02	25	10
103.303.03	50	10



PMMA



ENQUIRE



Burette



Brush, Burette

Item Code	Type	Material of Bristle	Pack of
593.303.07	Burette Brush	Nylon	50



ENQUIRE



Burette, Fisher Clamp

- Moulded in Polypropylene making it completely corrosion proof
- The spring loaded jack in the middle provides a vice like grip to the Burette and prevents it from slipping
- Two tapered wedges are provided to ensure firm grip on rods having dia 1/2" or 3/8"
- Made from Polypropylene

Item Code	Type	Pack of
112.303.01	Fisher Clamp - Single	12
112.303.02	Fisher Clamp - Double	6



Spring Loaded



PP



ENQUIRE



Burette, Clamp

- Made of Aluminium, die casted, blue painted, black rubber sleeves for firm gripping of burettes.
- With adjustable clamps to hold upto 30 mm, spring type, thumb screw key for retort rods upto 16 mm dia.

Item Code	Type	Pack of
394.303.01	Single	12
394.303.02	Double	6



AI
DIECASTED



BLUE
PAINTED



ENQUIRE

Burette, Clamp, Mild Steel

- Mild Steel
- Chrome Coated,
- Fisher Type with Boss Head, Single

Item Code	Type	Max. Temp.	Pack of
318.303.01	PVC Sleeve	80°C	12
318.303.02	Silicon Sleeve	280°C	12

MS



ENQUIRE



Burette, Clamp, Mild Steel

- Mild Steel
- Black Powder Coated
- Fisher Type with Boss Head, Single

Item Code	Type	Max. Temp.	Pack of
319.303.01	PVC Sleeve	80°C	12
319.303.02	Silicon Sleeve	280°C	12

MS



ENQUIRE





Burette, Clamp, Mild Steel

- Mild Steel
- Chrome Coated
- Fisher Type with Boss Head, Double

Item Code	Type	Max. Temp.	Pack of
320.303.01	PVC Sleeve	80°C	6
320.303.02	Silicon Sleeve	280°C	6

MS



ENQUIRE



Burette, Clamp, Mild Steel

- Mild Steel
- Chrome Coated
- Fisher Type with Boss Head, Double

Item Code	Type	Max. Temp.	Pack of
321.303.01	PVC Sleeve	80°C	6
321.303.02	Silicon Sleeve	280°C	6

MS



ENQUIRE

**SAY GOODBYE TO GUESSWORK
AUTOMATE WITH EASE**



Burette



Automatic Burette with Schellbach Stripe, Class AS

- With Batch Certificate
- Complies with DIN/ISO 385 standard
- With Intermediate PTFE Stopcock and PTFE Needle Valve Stopcock
- Schellbach Stripe for Precise Liquid Dispensing and Accurate Meniscus Reading

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of
118.246.01	10	0.05	0.03	1
118.246.02	25	0.10	0.05	1
118.246.03	50	0.10	0.05	1

3.3
BORO
GLASS

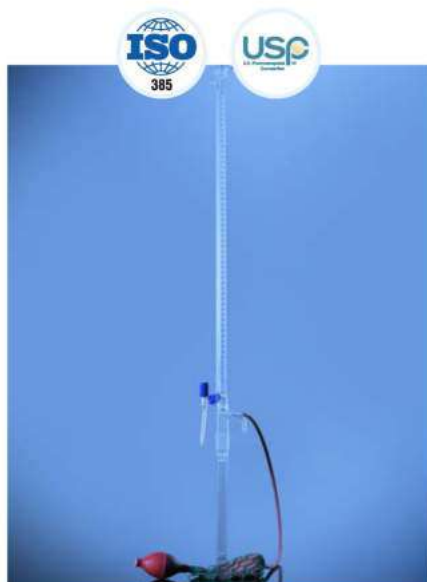


AS
CLASS



ENQUIRE

Accessories like bottle & rubber below order separately (For reference go to page no 77)
Ps: These burettes can also be supplied in amber color. Please ask for the same separately



Automatic Burette with Schellbach Stripe, Class AS

- With Batch Certificate
- Complies with DIN/ISO 385 standard
- With PTFE Needle Valve Stopcock
- Schellbach Stripe for Precise Liquid Dispensing and Accurate Meniscus Reading

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of
118.245.01A	10	0.05	0.03	1
118.245.02A	25	0.10	0.05	1
118.245.03A	50	0.10	0.05	1

3.3
BORO
GLASS



AS
CLASS



ENQUIRE

Accessories like bottle & rubber below order separately (For reference go to page no 77)
Ps: These burettes can also be supplied in amber color. Please ask for the same separately

Automatic Burette, Class AS

- With Batch Certificate
- Complies with DIN/ISO 385 standard
- With Intermediate PTFE Stopcock and PTFE Needle Valve Stopcock

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of
118.256.01	10	0.05	0.03	1
118.256.02	25	0.10	0.05	1
118.256.03	50	0.10	0.05	1

3.3
BORO
GLASS

BLUE
PRINTING

Chemical
Resistant

PTFE

NEEDLE

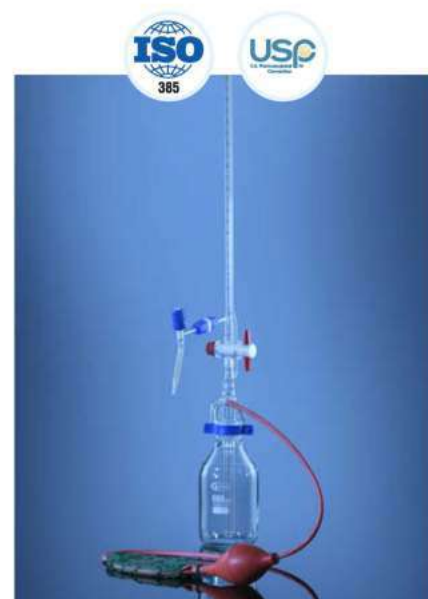
AS
CLASS

BATCH
CERTIFICATE



ENQUIRE

Accessories like bottle & rubber below order separately (For reference go to page no 77)
Ps: These burettes can also be supplied in amber color. Please ask for the same separately



Automatic Burette, Class AS

- With Batch Certificate
- Complies with DIN/ISO 385 standard
- With PTFE Needle Valve Stopcock

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of
118.255.01	10	0.05	0.03	1
118.255.02	25	0.10	0.05	1
118.255.03	50	0.10	0.05	1

3.3
BORO
GLASS

BLUE
PRINTING

Chemical
Resistant

NEEDLE

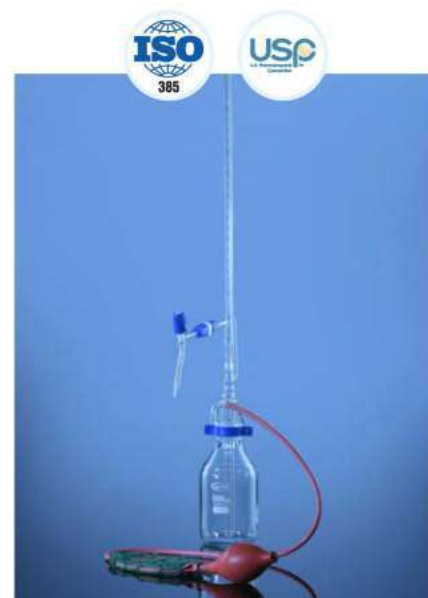
AS
CLASS

BATCH
CERTIFICATE

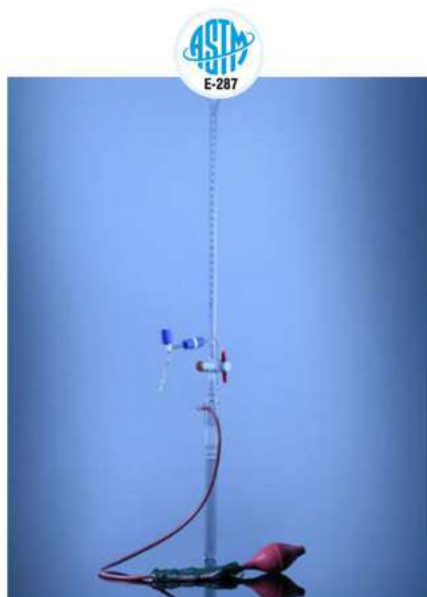


ENQUIRE

Accessories like bottle & rubber below order separately (For reference go to page no 77)
Ps: These burettes can also be supplied in amber color. Please ask for the same separately



Burette



Automatic Burette, Unserialized

- With Batch Certificate
- Compliance with ASTM E-287 Standard
- With Intermediate PTFE Key Stopcock And With Needle Valve Stopcock

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of
118.456.01	10	0.05	0.02	1
118.456.02	25	0.10	0.03	1
118.456.03	50	0.10	0.05	1

3.3
BORO
GLASS



ENQUIRE

Accessories like bottle & rubber below order separately (For reference go to page no 77)
Ps: These burettes can also be supplied in amber color. Please ask for the same separately



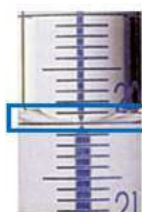
Schilling Burette with Schellbach Stripe, Class B

- Sub. division & tolerance as per DIN/ISO 385 Standard
- With Plastic Bottle 1000ml
- With Plastic Clamp, Stand and PTFE Pipe
- Schellbach Stripe for Precise Liquid Dispensing and Accurate Meniscus Reading

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of
118.224.01	10	0.05	0.05	1
118.224.02	25	0.10	0.10	1
118.224.03	50	0.10	0.10	1

Schilling Burette with Schellbach Stripe, Amber

Item Code	Capacity (ml)	Division	Tolerance (\pm ml)	Pack of
118.237.01AMB	10	0.05	0.05	1
118.224.02AMB	25	0.10	0.10	1
118.224.03AMB	50	0.10	0.10	1



Schellbach
Stripe

3.3
BORO
GLASS



ENQUIRE



ENQUIRE

Bottles for Automatic Burette

Item Code	Capacity (ml)	Suitable for Burette (ml)	N/S Size (mm)	Pack of
118.272.01	500	10	24/29	1
118.272.02	2000	25 & 50	29/32	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



Burette, Chloroform Bellow with Cotton Net

For use with automatic burettes

Item Code	Pack of
412.303.01	4



ENQUIRE



Burette, Atomizer Bulb :

Typically, an atomizer is used to dispense something in small, controlled amounts

Item Code	Pack of
413.303.01	4



ENQUIRE





Chromatography Column With Sintered/Fritted Disc

- With PTFE needle Valve Stopcock
- Chemical Resistant With Porosity 0
- With socket for Connecting Reservoir Flasks
- Made from Boro 3.3 Glass

Item Code	Capacity (ml)	Body O.D. (mm)	Stem Length (mm)	Stem O.D. (mm)	Pack of
218.212.03	30	14	355	8	5

3.3
BORO
GLASS



ENQUIRE



Chromatography Column With Sintered/Fritted Disc

- With PTFE needle Valve Stopcock
- Chemical Resistant With Porosity 0
- With socket for Connecting Reservoir Flasks
- Made from Boro 3.3 Glass

Item Code	I.D. (mm)	Length (mm)	Socket Size	Pack of
220.202.01	10	100	14/23	1
220.202.02	10	200	14/23	1
220.202.03	10	300	14/23	1
220.202.04	10	400	14/23	1
220.202.05	20	200	19/26	1
220.202.06	20	300	19/26	1
220.202.07	20	400	19/26	1
220.202.08	20	500	19/26	1
220.202.09	26	400	24/29	1
220.202.10	26	500	24/29	1
220.202.11	30	400	29/32	1
220.202.12	30	500	29/32	1
220.202.13	30	400	34/35	1
220.202.14	30	500	34/35	1
220.202.15	40	400	40/38	1
220.202.16	40	500	40/38	1

3.3
BORO
GLASS



1 x
SOCKET



ENQUIRE

Chromatography Column With Sintered/Fritted Disc

- With Socket
- Fritted Disc Porosity 0
- With PTFE Key Stopcock, 2mm Bore
- Made from Boro 3.3 Glass

Item Code	I.D. (mm)	Length (mm)	Capacity (ml)	Stopcock	N/S	Pack of
221.212.01	10	100	8	PTFE	14/23	1
221.212.02	10	200	15	PTFE	14/23	1
221.212.03	15	200	35	PTFE	14/23	1
221.212.04	10	300	23	PTFE	14/23	1
221.212.05	20	400	125	PTFE	29/32	1
221.212.07	30	600	430	PTFE	29/32	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

PTFE

1 x
SOCKET



ENQUIRE



Chromatography Column With Sintered/Fritted Disc

- With Socket and Cone
- With PTFE Key Stopcock and Suction Tube (GL 14)
- Fritted Disc Porosity 0
- Made from Boro 3.3 Glass

Item Code	I.D. (mm)	Length (mm)	Capacity (ml)	Socket & Cone	Pack of
212.202.02	15	200	35	14/23	1
212.202.04	20	400	120	14/23	1
212.202.04D	30	400	280	29/32	1
212.202.06D	30	600	430	29/32	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

PTFE

1 x
SOCKET



ENQUIRE





Chromatography Column With Sintered/Fritted Disc

- With Socket and Cone
- With PTFE Needle Valve Stopcock (0-3mm) and Suction Tube (Thread GL14)
- Fritted Disc Porosity 0
- Made from Boro 3.3 Glass

Item Code	I.D. (mm)	Length (mm)	Capacity (ml)	Socket & Cone	Pack of
213.202.02	15	200	35	14/23	1
213.202.04	20	400	120	14/23	1
213.202.04D	30	400	280	29/32	1
213.202.06D	30	600	430	29/32	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

PTFE

1 x
SOCKET



ENQUIRE



Chromatography Column

- Heavy wall Design
- General purpose column, has a PTFE stopcock and a top outer joint for flash chromatography

Item Code	Socket	O.D x Ht (mm)	Bore (mm)	Pack of
221.475.01	24/40	17x305	2	1
221.475.02	24/40	32x457	2	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

PTFE

1 x
SOCKET



ENQUIRE

Chromatography Column With Joint Sintered/Fritted Disc and PTFE Stopcock

- General purpose column, has a PTFE stopcock, a top outer joint and with a coarse porosity fritted disc to support column packing

Item Code	Socket	O.D x Ht (mm)	Bore (mm)	Pack of
221.477.03	24/40	40x457	2	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

PTFE

1 x
SOCKET



ENQUIRE



Chromatography Column With Joint Sintered/Fritted Disc and PTFE Stopcock

- With heavy wall design for safety
- With reinforced Beaded Top & Coarse Porosity Fritted Disc to Support Column Packing

Item Code	O.D x Ht (mm)	Bore (mm)	Pack of
221.204.06	40x457	2	1

3.3
BORO
GLASS

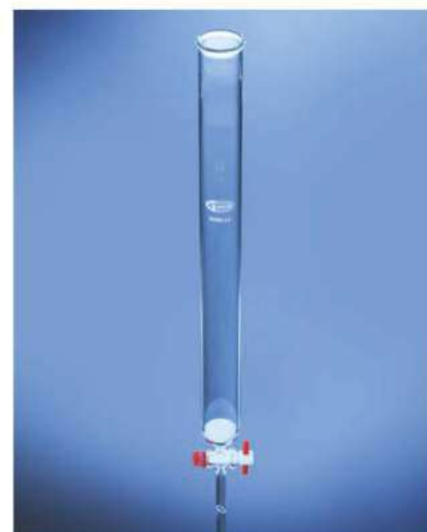
WHITE
PRINTING

Chemical
Resistant

PTFE



ENQUIRE





Chromatography Column with Grounded Cone

- With socket to connect a stopcock adapter to control eluent flow
- With sintered disc porosity 0

Item Code	I.D. (mm)	Length (mm)	Overall Length (mm)	Socket	Cone	Pack of
223.202.01	18	200	310	24/29	19/26	1
223.202.02	18	300	415	24/29	19/26	1
223.202.03	18	400	515	24/29	19/26	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

1 x
SOCKET

1 x
CONE



ENQUIRE



Column, Vigreux With Socket and Cone

- Made of Boro 3.3 glass
- Without Glass Jacket

Item Code	Effective Length (mm)	Cone & Socket (N/S)	Pack of
197.204.01	100	10/19	1
197.204.02	200	10/19	1
197.204.05A	300	14/23	1
197.204.05C	300	24/29	1
197.204.05D	300	29/32	1
197.204.03	360	29/32	1
197.204.06	600	24/29	1
197.204.06A	600	29/32	1

ASTM Size

Item Code	Effective Length (mm)	Cone & Socket (N/S)	Pack of
197.470.00	120	14/20	1
197.470.09	300	24/40	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

1 x
SOCKET

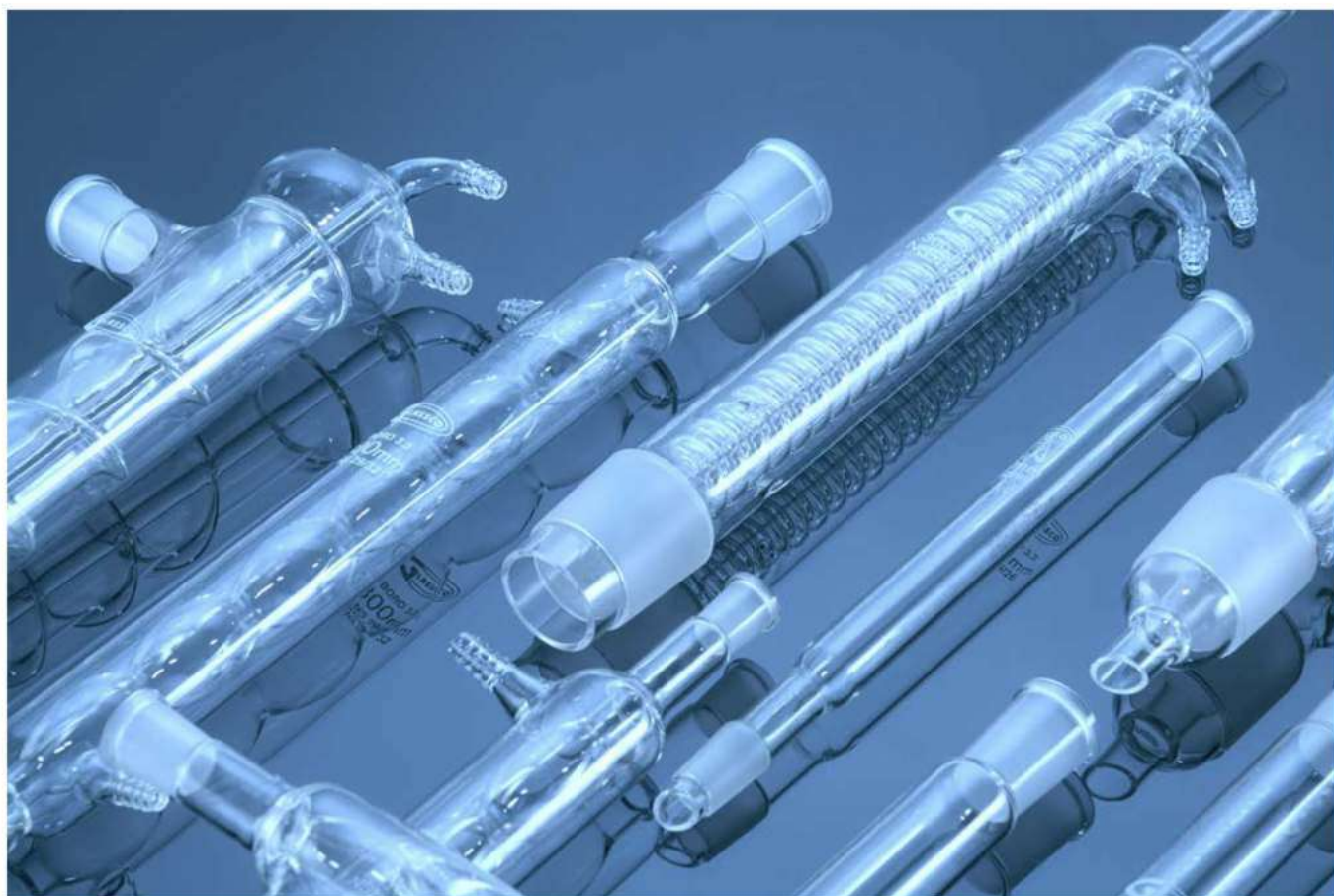
1 x
CONE



ENQUIRE



ENQUIRE



Condenser, Air

- Manufactured from ASTM E-438, Type-1, Class, A Boro 3.3 Glass
- With Ground Socket and Cone Joint
- Used for Condensation of Materials With Boiling Point Above 150°C

Item Code	Effective Length (mm)	Cone Size	Socket Size	Pack of
181.202.01	200	14/23	14/23	1
181.202.02	200	19/26	19/26	1
181.202.03	250	24/29	24/29	1
181.202.04	400	19/26	19/26	1
181.202.05	500	24/29	24/29	1
181.202.06	500	34/35	34/35	1
181.202.07	600	19/26	19/26	1
181.202.08	750	24/29	24/29	1
181.202.09	750	19/26	-	1
181.202.10	750	24/29	-	1
181.202.11	1000	19/26	-	1
181.202.12	1000	24/29	-	1



3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE

PS : All Condensers can be ordered with ASTM Joint Sizes on reuest

Condenser



Condenser, Leibig with drip tip

- Complies with DIN 12576 standard
- Made From Heat Resistant, Low Expansion 3.3 Borosilicate Glass
- With ground socket and cone joint
- With straight inner tube, outer joints and glass connector
- Resistant to chemicals and high temperatures

Item Code	Effective Length (mm)	Cone Size	Socket Size	Connector	Pack of
182.202.01	160	14/23	14/23	Glass	1
182.202.01A	160	19/26	19/26	Glass	1
182.204.02	200	19/26	19/26	Glass	1
182.202.02	250	19/26	19/26	Glass	1
182.202.03*	250	24/29	24/29	Glass	1
182.202.03A	250	29/32	29/32	Glass	1
182.202.04*	300	19/26	19/26	Glass	1
182.202.05*	300	24/29	24/29	Glass	1
182.202.06*	300	29/32	29/32	Glass	1
182.202.10*	400	24/29	24/29	Glass	1
182.202.11	400	29/32	29/32	Glass	1

ASTM Size

Item Code	Effective Length (mm)	Cone Size	Socket Size	Connector	Pack of
182.402.01	120	14/20	14/20	Glass	1
182.402.02	180	19/22	19/22	Glass	1
182.402.04	200	24/40	24/40	Glass	1
182.402.05	300	24/40	24/40	Glass	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

1 x
SOCKET

1 x
CONE



ENQUIRE



ENQUIRE

* Non DIN

Condenser, Leibig with drip tip

- Complies with DIN 12576 standard
- Made From Heat Resistant, Low Expansion 3.3 Borosilicate Glass
- With ground socket and cone joint
- With straight inner tube, outer joints and screw thread connector
- Resistant to chemicals and high temperatures

Item Code	Effective Length (mm)	Cone Size	Socket Size	Connector	Pack of
182.181.01	160	14/23	14/23	Screw Thread	1
182.181.01A	160	19/26	19/26	Screw Thread	1
182.181.02	250	19/26	19/26	Screw Thread	1
182.181.03*	250	24/29	24/29	Screw Thread	1
182.181.3A	250	29/32	29/32	Screw Thread	1
182.181.04*	300	19/26	19/26	Screw Thread	1
182.181.05*	300	24/29	24/29	Screw Thread	1
182.181.06*	300	29/32	29/32	Screw Thread	1
182.181.10*	400	24/29	24/29	Screw Thread	1
182.181.11	400	29/32	29/32	Screw Thread	1

ASTM Size

Item Code	Effective Length (mm)	Cone Size	Socket Size	Connector	Pack of
182.481.01	120	14/20	14/20	Screw Thread	1
182.481.02	180	19/22	19/22	Screw Thread	1
182.481.03	200	24/40	24/40	Screw Thread	1
182.481.05	300	24/40	24/40	Screw Thread	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

SCREW
THREAD



ENQUIRE



ENQUIRE

* Non DIN



Condenser Coil

- Complies with ASTM E-438, Type-1, Class A, Boro 3.3 Glass
- With glass connector
- Highly efficient with large cooling surfaces
- Suitable for Distillation & Reflux applications

Item Code	Effective Length (mm)	Cone Size	Socket Size	Connector	Pack of
183.202.01	160	14/23	14/23	Glass	1
183.202.01A	160	19/26	19/26	Glass	1
183.202.02A	250	14/23	14/23	Glass	1
183.202.03	250	19/26	19/26	Glass	1
183.202.04	250	24/29	24/29	Glass	1
183.202.04A	250	29/32	29/32	Glass	1
183.202.05	300	24/29	24/29	Glass	1
183.202.06	300	29/32	29/32	Glass	1
183.202.08	400	24/29	24/29	Glass	1
183.202.07	400	29/32	29/32	Glass	1
183.202.09	500	29/32	29/32	Glass	1

ASTM Size

Item Code	Effective Length (mm)	Cone Size	Socket Size	Connector	Pack of
183.402.04	200	24/40	24/40	Glass	1
183.402.05	300	24/40	24/40	Glass	1
183.402.07	400	24/40	24/40	Glass	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

A
CLASS



ENQUIRE



ENQUIRE



Condenser Coil

- Complies with ASTM E-438, Type-1, Class A, Boro 3.3 Glass
- With plastic screw thread connector
- Highly efficient with large cooling surfaces
- Suitable for Distillation & Reflux applications

Item Code	Effective Length (mm)	Cone Size	Socket Size	Connector	Pack of
183.181.01	160	14/23	14/23	Screw Thread	1
183.181.01A	160	19/26	19/26	Screw Thread	1
183.181.02A	250	14/23	14/23	Screw Thread	1
183.181.03	250	19/26	19/26	Screw Thread	1
183.181.04	250	24/29	24/29	Screw Thread	1
183.181.04A	250	29/32	29/32	Screw Thread	1
183.181.05	300	24/29	24/29	Screw Thread	1
183.181.06	300	29/32	29/32	Screw Thread	1
183.181.07	400	29/32	29/32	Screw Thread	1

ASTM Size

Item Code	Effective Length (mm)	Cone Size	Socket Size	Connector	Pack of
183.481.03	200	24/40	24/40	Screw Thread	1
183.481.05	300	24/40	24/40	Screw Thread	1
183.481.07	400	24/40	24/40	Screw Thread	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

A
CLASS

SCREW
THREAD



ENQUIRE



ENQUIRE



Condenser



Condenser Allihin

- Complies with DIN 12581 standard
- Complies with ASTM E-438, Type-1, Class A, Boro 3.3 Glass
- With glass connector
- Inner bulb section provides increased cooling surface
- Suitable for reflux applications

Item Code	Effective Length (mm)	Cone Size	Socket Size	Connector	Pack of
190.202.05*	160	14/23	14/23	Glass	1
190.202.06	160	19/26	19/26	Glass	1
190.204.06A*	200	19/26	19/26	Glass	1
190.202.07*	250	14/23	14/23	Glass	1
190.202.08*	250	19/26	19/26	Glass	1
190.202.09*	250	24/29	24/29	Glass	1
190.202.09A	250	29/32	29/32	Glass	1
190.202.10*	300	24/29	24/29	Glass	1
190.202.11*	300	29/32	29/32	Glass	1
190.202.12*	400	24/29	24/29	Glass	1
190.202.13*	400	29/32	29/32	Glass	1
190.202.14*	600	29/32	29/32	Glass	1

ASTM Size

Item Code	Effective Length (mm)	Cone Size	Socket Size	Connector	Pack of
190.402.08	200	24/40	24/40	Glass	1
190.402.10	300	24/40	24/40	Glass	1
190.402.12	400	24/40	24/40	Glass	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

A
CLASS



ENQUIRE



ENQUIRE



Condenser Allihin

- Complies with DIN 12581 standard
- Complies with ASTM E-438, Type-1, Class A, Boro 3.3 Glass
- With plastic screw thread connector
- Inner bulb section provides increased cooling surface
- Suitable for reflux applications

Item Code	Effective Length (mm)	Cone Size	Socket Size	Connector	Pack of
190.181.05*	160	14/23	14/23	Screw Thread	1
190.181.06	160	19/26	19/26	Screw Thread	1
190.181.07*	250	14/23	14/23	Screw Thread	1
190.181.08*	250	19/26	19/26	Screw Thread	1
190.181.09*	250	24/29	24/29	Screw Thread	1
190.181.09A	250	29/32	29/32	Screw Thread	1
190.181.10*	300	24/29	24/29	Screw Thread	1
190.181.11*	300	29/32	29/32	Screw Thread	1
190.181.12*	400	24/29	24/29	Screw Thread	1
190.181.13*	400	29/32	29/32	Screw Thread	1

ASTM Size

Item Code	Effective Length (mm)	Cone Size	Socket Size	Connector	Pack of
190.482.09	200	24/40	24/40	Screw Thread	1
190.482.11	300	24/40	24/40	Screw Thread	1
190.482.13	400	24/40	24/40	Screw Thread	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

A
CLASS

SCREW
THREAD



ENQUIRE



ENQUIRE

* Non DIN

Condenser, Dimroth

- Complies with DIN 12591
- Made from ASTM E-438, Type-1, Class-A, Boro 3.3 Glass
- With glass Connector

Item Code	Effective Length (mm)	Cone Size	Socket Size	Connector	Pack of
190.204.01*	160	14/23	14/23	Glass	1
190.204.02*	160	19/26	19/26	Glass	1
190.204.03*	250	19/26	19/26	Glass	1
190.204.04*	250	24/29	24/29	Glass	1
190.204.05	250	29/32	29/32	Glass	1
190.204.06*	300	24/29	24/29	Glass	1
190.204.07*	300	29/32	29/32	Glass	1
190.204.08	400	29/32	29/32	Glass	1

3.3
BORO
GLASS

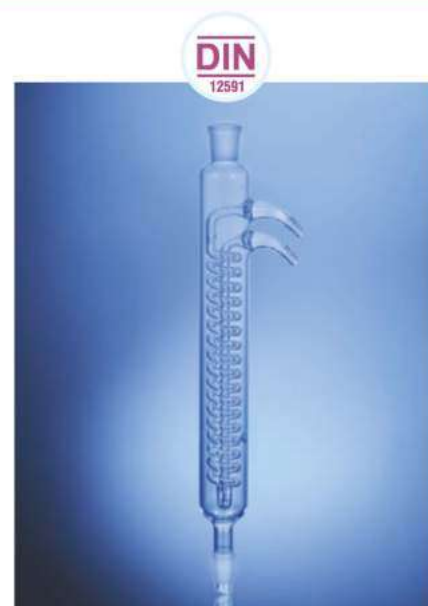
WHITE
PRINTING

Chemical
Resistant



ENQUIRE

* Non DIN



Condenser, Dimroth

- Complies with DIN 12591
- Made from ASTM E-438, Type-1, Class-A, Boro 3.3 Glass
- With plastic screw thread connector

Item Code	Effective Length (mm)	Cone Size	Socket Size	Connector	Pack of
190.181.01A*	160	14/23	14/23	Screw Thread	1
190.181.02A*	160	19/26	19/26	Screw Thread	1
190.181.03A*	250	19/26	19/26	Screw Thread	1
190.181.04A*	250	24/29	24/29	Screw Thread	1
190.181.05A	250	29/32	29/32	Screw Thread	1
190.181.06A*	300	24/29	24/29	Screw Thread	1
190.181.07A*	300	29/32	29/32	Screw Thread	1
190.181.08A	400	29/32	29/32	Screw Thread	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

A
CLASS

SCREW
THREAD



ENQUIRE

* Non DIN



Condenser, Liebig

- Made from ASTM E-438, Type-1, Class-A Boro 3.3 Glass
- Available with sealed inner tube
- With glass connector
- Resistant to chemicals and high temperatures
- High efficiency with large cooling surfaces

Item Code	Approx Jacket Length (mm)	Approx Jacket Length (mm)	Connector	Pack of
182.407.02	200	345	Glass	1
182.407.03	300	445	Glass	1
182.407.04	400	545	Glass	1
182.407.05	500	645	Glass	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

A
CLASS



ENQUIRE



Condenser



Condenser, Double Surface

- Made From Heat Resistant, Low Expansion 3.3 Borosilicate Glass

Item Code	Effective Length (mm)	Cone Size	Socket Size	Connector	Pack of
187.202.03	200	19/26	19/26	Glass	1
187.202.04	200	24/29	24/29	Glass	1
187.202.12	300	19/26	19/26	Glass	1
187.202.13	300	24/29	24/29	Glass	1

ASTM Size

Item Code	Effective Length (mm)	Cone Size	Socket Size	Connector	Pack of
187.402.01	110	14/20	14/20	Glass	1
187.402.02	110	19/22	19/22	Glass	1
187.402.03A	200	24/40	24/40	Glass	1
187.402.03	200	19/22	19/22	Glass	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



ENQUIRE



Condenser, Friedrichs

- With Drip Tip
- With ground socket and cone joint
- Made From Heat Resistant, Low Expansion 3.3 Borosilicate Glass.

Item Code	Overall Height (mm)	Cone Size	Socket Size	Connector	Pack of
180.202.10	350	24/29	24/29	Glass	1

ASTM Size

Item Code	Overall Height (mm)	Cone Size	Socket Size	Connector	Pack of
340.470.01	330	24/40	24/40	Glass	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



ENQUIRE



Condenser, Reflux, Glass Connector

- Coil style reflux condenser with tightly warped coil providing maximum cooling
- Drip Tip

Item Code	Overall Height (mm)	Cone Size	Socket Size	Pack of
347.470.01	205	14/20	14/20	1
347.470.04	365	24/40	24/40	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE

Crucible, Porcelain (Euro Design), Squat Form

- Made of Ceramic
- With Lid
- Upto 1150°C

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Type	Pack of
522.303.13	2	18	12	Squat Form	6
522.303.14	8	32	20	Tall Form	6
522.303.15	17	41	26	Tall Form	4
522.303.16	30	50	31	Tall Form	4
522.303.17	50	61	37	Tall Form	4
522.303.18	100	76	46	Tall Form	2
522.303.19	150	84	52	Tall Form	2

Ceramic



Upto
1150°C



ENQUIRE



Crucible, Porcelain (Euro Design), Tall Form

- Made of Ceramic
- With Lid
- Upto 1150°C

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Type	Pack of
523.303.11	1.3	15	15	Tall Form	6
523.303.12	5	24	20	Tall Form	6
523.303.13	10	31	26	Tall Form	4
523.303.14	15	35	29	Tall Form	4
523.303.15	30	45	36	Tall Form	4
523.303.16	40	43	37	Tall Form	2
523.303.17	50	53	43	Tall Form	2
523.303.18	100	65	54	Tall Form	2

Ceramic



Upto
1150°C



ENQUIRE



Crucible, Quartz

- Made of Quartz Tubing
- Tolerance upto 1200°C

Item Code	Capacity (ml)	Type	Pack of
521.303.01	15	Without Lid	4
521.303.02	25	Without Lid	4
521.303.03	50	Without Lid	2
521.303.04	100	Without Lid	2
521.303.05	15	With Lid	4
521.303.06	25	With Lid	4
521.303.07	50	With Lid	2
521.303.08	100	With Lid	2

Quartz
Gel



Upto
1200°C



ENQUIRE



Crucible



Crucible, Silica

- With Lid
- Goes upto 900°C

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Pack of
518.303.01	15	41	25	6
518.303.02	25	47	28	6
518.303.03	50	57	37	6
518.303.04	80	67	45	4
518.303.05	100	71	50	4
518.303.06	150	82	51	4

SiO₂



Upto
900°C



ENQUIRE



Crucible, Silica

- Without Lid
- Goes upto 900°C

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Pack of
519.303.01	15	41	25	6
519.303.02	25	47	28	6
519.303.03	50	57	37	6
519.303.04	80	67	45	4
519.303.05	100	71	50	4
519.303.06	150	82	51	4

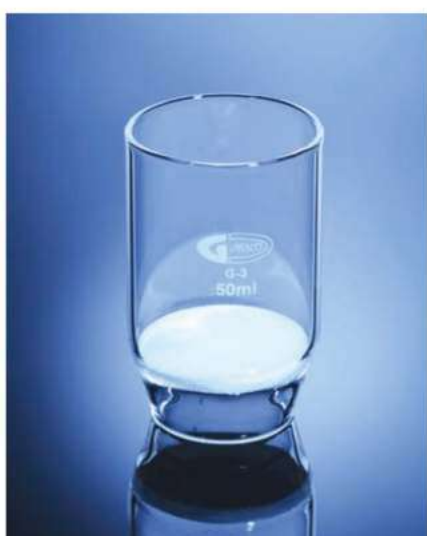
SiO₂



Upto
900°C



ENQUIRE



Crucible, Filter, With Sintered Disc

- Made from ASTM E-438 type-1 Class A Boro 3.3 glass

Item Code	Porosity	Capacity (ml)	Pack of
255.G00.01	0	15	10
255.G01.01	1	15	10
255.G02.01	2	15	10
255.G03.01	3	15	10
255.G04.01	4	15	10
255.G05.01	5	15	10
255.G00.02	0	30	10
255.G01.02	1	30	10
255.G02.02	2	30	10
255.G03.02	3	30	10
255.G04.02	4	30	10
255.G05.02	5	30	10
255.G00.03	0	50	10
255.G01.03	1	50	10
255.G02.03	2	50	10
255.G03.03	3	50	10
255.G04.03	4	50	10
255.G05.03	5	50	10

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

LOW FORM



ENQUIRE

Crucible, Holders

- Available set of 7

Item Code	Type	Pack of
416.303.01	Set of 7, Made of Natural Rubber	1
416.303.02	Set of 7, Made of Silicon	1

Silicone



ENQUIRE



Crucible, Tong

- Made of SS, Grade 202

Item Code	Height (mm)	Pack of
355.303.01	150	4
355.303.02	200	4
355.303.03	250	4
355.303.04	300	4
355.303.05	375	4
355.303.06	450	4
355.303.07	600	4

SS

Grade
202



ENQUIRE



Crucible, Tong

- Made of mild steel
- Black painted/chrome plated

Item Code	Size (mm)	Type	Pack of
367.303.01	150	Black Painted	4
367.303.02	200	Black Painted	4
367.303.03	300	Black Painted	4
367.303.04	150	Chrome Painted	4
367.303.05	200	Chrome Painted	4
367.303.06	300	Chrome Painted	4

SS

Grade
202



ENQUIRE



Cylinder

GLASSCO measuring cylinders are made from ASTM E – 438, TYPE-1, CLASS-A BORO 3.3 glass that meet ISO 4788 standard. The calibration is done on automatic computer controlled machines and are calibrated to contain (TC, In) according to the ISO & ASTM tolerance standards. All ISO Cylinders come with **DE-M** Mark printed on it.



Measuring Cylinder with Hexagonal Base, Class-A

- Certificate as per DIN EN ISO 4788
- With individual work certificate

Item Code	Capacity (ml)	Sub Division (ml)	Tolerance (± ml)	Pack of
139.223.00A	5	0.1	0.05	1
139.223.01A	10	0.2	0.10	1
139.223.02A	25	0.5	0.25	1
139.223.03A	50	1.0	0.50	1
139.223.04A	100	1.0	0.50	1
139.223.05A	250	2.0	1.00	1
139.223.06A	500	5.0	2.50	1
139.223.07A	1000	10.0	5.00	1
139.223.08A	2000	20.0	10.00	1

3.3
BORO
GLASS



A
CLASS



ENQUIRE



Measuring Cylinder with Hexagonal Base, Class-A

- Certificate as per DIN EN ISO 4788
- With conformity Batch certificate

Item Code	Capacity (ml)	Sub Division (ml)	Tolerance (± ml)	Pack of
139.202.00A	5	0.1	0.05	2
139.202.01A	10	0.2	0.10	2
139.202.02A	25	0.5	0.25	2
139.202.03A	50	1.0	0.50	2
139.202.04A	100	1.0	0.50	2
139.202.05A	250	2.0	1.00	2
139.202.06A	500	5.0	2.50	2
139.202.07A	1000	10.0	5.00	1
139.202.08A	2000	20.0	10.00	1

3.3
BORO
GLASS



A
CLASS



ENQUIRE

PS: To order B class low form cylinder go to page :

Measuring Cylinder Graduated, Hex Base, Class A, serialized

- With Double Metric Scale, TC (To Contain)
- With Individual Certificate
- Cylinders are made to meet ASTM E 1272 norms
- Printed in durable white enamel
- All the cylinders from 10ml to 2000ml comes with the bumper guard

Item Code	Capacity (ml)	Sub Division (ml)	Tolerance (\pm ml)	Pack of
139.454.00A	5	0.1	0.05	1
139.454.01A	10	0.1	0.1	1
139.454.02A	25	0.2	0.17	1
139.454.03A	50	1	0.25	1
139.454.04A	100	1	0.5	1
139.454.05A	250	2	1	1
139.454.06A	500	5	2	1
139.454.07A	1000	10	3	1
139.454.08A	2000	20	6	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

A
CLASS

HEXA
BASE

2x METRIC

TC
TO CONTAIN

INDIVIDUAL
CERTIFICATE



ENQUIRE



Measuring Cylinder Graduated, Hex Base, Class A, Unserialized

- With Double Metric Scale, TC (To Contain)
- Cylinders are made to meet ASTM E-1272 norms
- Printed in durable white enamel
- All the cylinders from 10ml to 2000ml comes with the bumper guard

Item Code	Capacity (ml)	Sub Division (ml)	Tolerance (\pm ml)	Pack of
139.453.00A	5	0.1	0.05	2
139.453.01A	10	0.1	0.1	2
139.453.02A	25	0.2	0.17	2
139.453.03A	50	1	0.25	2
139.453.04A	100	1	0.5	2
139.453.05A	250	2	1	2
139.453.06A	500	5	2	2
139.453.07A	1000	10	3	1
139.453.08A	2000	20	6	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

A
CLASS

HEXA
BASE

2x METRIC

TC
TO CONTAIN



ENQUIRE



Cylinder



Measuring Cylinder Graduated, Hex Base, Class A, serialized

- With Double Metric Scale, TD (To Deliver)
- Cylinders are made to meet ASTM E 1272 norms
- Printed in durable white enamel
- All the cylinders from 10ml to 2000ml comes with the bumper guard

Item Code	Capacity (ml)	Sub Division (ml)	Tolerance (\pm ml)	Pack of
139.465.00A	5	0.1	0.05	1
139.465.01A	10	0.1	0.10	1
139.465.02A	25	0.2	0.17	1
139.465.03A	50	1.0	0.25	1
139.465.04A	100	1.0	0.5	1
139.465.05A	250	2.0	1.0	1
139.465.06A	500	5.0	2.0	1
139.465.07A	1000	10.0	3.0	1
139.465.08A	2000	20.0	6.0	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

A
CLASS

HEXA
BASE

2x METRIC

TD
TO DELIVER

INDIVIDUAL
CERTIFICATE



ENQUIRE



Measuring Cylinder Graduated, Hex Base, Class A, serialized

- With Double Metric Scale, TC (To Contain)
- Cylinders are made to meet ASTM E 1272 norms
- Printed in durable white enamel
- All the cylinders from 10ml to 2000ml comes with the bumper guard

Item Code	Capacity (ml)	Sub Division (ml)	Tolerance (\pm ml)	Pack of
142.423.01A	10	0.1	0.1	1
142.423.02A	25	0.2	0.17	1
142.423.03A	50	1.0	0.25	1
142.423.04A	100	1.0	0.5	1
142.423.05A	250	2.0	1.0	1
142.423.06A	500	5.0	2.0	1
142.423.07A	1000	10.0	3.0	1
142.423.08A	2000	20.0	6.0	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

HEXA
BASE

2x METRIC

TC
TO CONTAIN



ENQUIRE

Measuring Cylinder with detachable PE base, Class A

- Complies with DIN EN ISO 4788
- With Individual work certificate
- With protection collar
- Printed in durable Blue colour

Item Code	Capacity (ml)	Sub Division (ml)	Tolerance (± ml)	Pack of
137.223.01*	5	0.1	0.05	1
137.223.02	10	0.2	0.1	1
137.223.03	25	0.5	0.25	1
137.223.04	50	1.0	0.5	1
137.223.05	100	1.0	0.5	1
137.223.06	250	2.0	1.0	1
137.223.07	500	5.0	2.5	1
137.223.08	1000	10.0	5.0	1



* Non DIN



Measuring Cylinder With detachable PE Base, Class A

- Complies with DIN EN ISO 4788
- With batch certificate
- With protection collar
- Printed in durable Blue colour

Item Code	Capacity (ml)	Sub Division (ml)	Tolerance (± ml)	Pack of
137.204.01*	5	0.1	0.05	2
137.204.02	10	0.2	0.1	2
137.204.03	25	0.5	0.25	2
137.204.04	50	1.0	0.5	2
137.204.05	100	1.0	0.5	2
137.204.06	250	2.0	1.0	2
137.204.07	500	5.0	2.5	2
137.204.08	1000	10.0	5.0	1



* Non DIN



Cylinder



Measuring Cylinder with detachable PE base, Class B

- With Protection collar
- Printed in durable blue colour

Item Code	Capacity (ml)	Sub Division (ml)	Tolerance (\pm ml)	Pack of
137.202.01	5	0.1	0.10	10
137.202.02	10	0.2	0.20	10
137.202.03	25	0.5	0.50	10
137.202.04	50	1.0	1.00	10
137.202.05	100	1.0	1.00	10
137.202.06	250	2.0	2.00	10
137.202.07	500	5.0	5.00	2
137.202.08	1000	10.0	10.0	1

3.3
BORO
GLASS



B
CLASS



ENQUIRE



Riders/Bumpers for cylinders

Item Code	Bumper for Cylinders (ml)	Pack of
136.202.01	5	100
136.202.02	10	100
136.202.03	25	100
136.202.04	50	100
136.202.05	100	100
136.202.06	250	50
136.202.07	500	50
136.202.08	1000	25
136.202.09	2000	10



ENQUIRE

Measuring Cylinder with USP Grade, Hex Base, Class A

• With Individual Work Certificate

Item Code	Capacity (ml)	Sub Division (ml)	Tolerance (± ml)	Pack of
139.221.00A	5	0.1	0.05	1
139.221.01A	10	0.2	0.10	1
139.221.02A	25	0.5	0.15	1
139.221.03A	50	1.0	0.25	1
139.221.04A	100	1.0	0.50	1
139.221.05A	250	2.0	1.00	1
139.221.06A	500	5.0	1.50	1
139.221.07A	1000	10.0	3.00	1
139.221.08A	2000	20.0	6.00	1

3.3
BORO
GLASS



A
CLASS



ENQUIRE



Measuring Cylinder with USP Grade, Hex Base, Class A

• With Conformity Batch Certificate

Item Code	Capacity (ml)	Sub Division (ml)	Tolerance (± ml)	Pack of
139.292.00A	5	0.1	0.05	2
139.292.01A	10	0.2	0.10	2
139.292.02A	25	0.5	0.15	2
139.292.03A	50	1.0	0.25	2
139.292.04A	100	1.0	0.50	2
139.292.05A	250	2.0	1.00	2
139.292.06A	500	5.0	1.50	2
139.292.07A	1000	10.0	3.00	1
139.292.08A	2000	20.0	6.00	1

3.3
BORO
GLASS



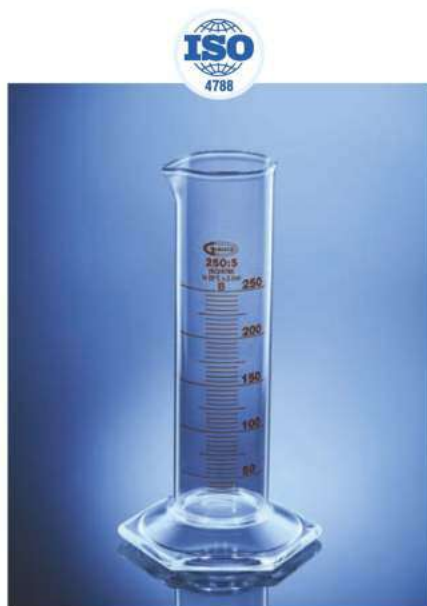
A
CLASS



ENQUIRE



Cylinder



Measuring Cylinder, Low Form, Hex base, Class-B

- Complies with DIN EN ISO 4788
- Single Metric, To Contain (TC)
- Printed in durable Amber colour

Item Code	Capacity (ml)	Sub Division (ml)	Tolerance (\pm ml)	Pack of
138.429.00A*	5	1.0	0.15	2
138.429.01A	10	1.0	0.30	2
138.429.02A	25	1.0	0.50	2
138.429.03A	50	2.0	1.00	2
138.429.04A	100	2.0	1.00	2
138.429.05A	250	5.0	2.00	2
138.429.06A	500	10.0	5.00	2
138.429.07A	1000	20.0	10.00	1

3.3
BORO
GLASS

AMBER
PRINTING

Chemical
Resistant

B
CLASS

HEXA
BASE

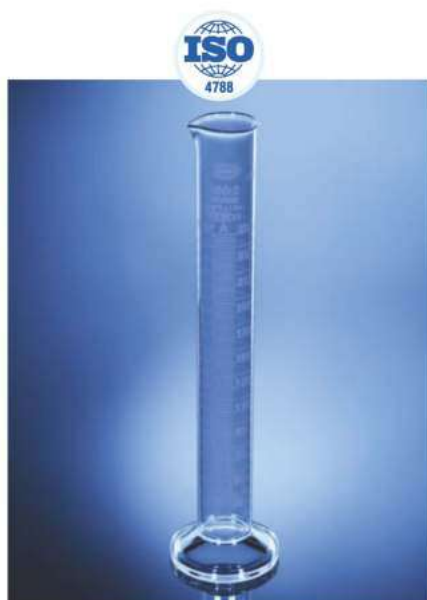
1x METRIC

81
LOW FORM



ENQUIRE

* Non DIN



Measuring Cylinder with Round Base, Class-A, (Economy Model)

- Complies with DIN EN ISO 4788
- With conformity batch certificate

Item Code	Capacity (ml)	Sub Division (ml)	Tolerance (\pm ml)	Pack of
139.202.01*	5	0.1	0.05	2
139.202.02	10	0.2	0.10	2
139.202.03	25	0.5	0.25	2
139.202.04	50	1.0	0.50	2
139.202.05	100	1.0	0.50	2
139.202.06	250	2.0	1.00	2
139.202.07	500	5.0	2.50	2
139.202.08	1000	10.0	5.00	1
139.202.09	2000	20.0	10.00	1

3.3
BORO
GLASS

BLUE
PRINTING

Chemical
Resistant

A
CLASS

ROUND
BASE

1x METRIC

BATCH
CERTIFICATE



ENQUIRE

* Non DIN

Measuring Cylinder with Round Base, Class-B

- Complies with DIN EN ISO 4788

Item Code	Capacity (ml)	Sub Division (ml)	Tolerance (± ml)	Pack of
139.222.01*	5	0.1	0.10	2
139.222.02	10	0.2	0.20	2
139.222.03	25	0.5	0.50	2
139.222.04	50	1.0	1.00	2
139.222.05	100	1.0	1.00	2
139.222.06	250	2.0	2.00	2
139.222.07	500	5.0	5.00	2
139.222.08	1000	10.0	10.00	1
139.222.09	2000	20.0	20.00	1

3.3
BORO
GLASS

BLUE
PRINTING

Chemical
Resistant

B
CLASS

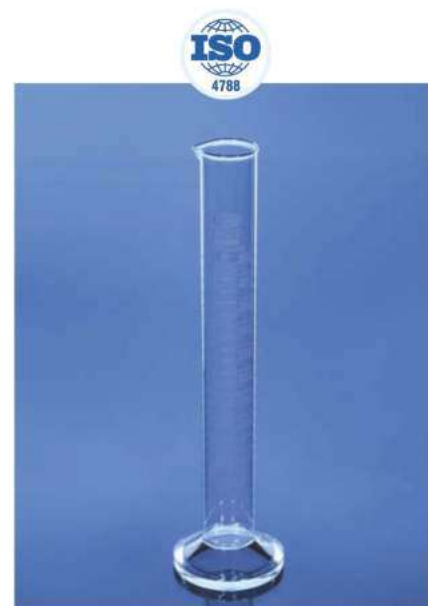
ROUND
BASE

1x METRIC



ENQUIRE

* Non DIN



Mixing Cylinder with Hexagonal base, Class-A

- Complies with DIN EN ISO 4788 standards
- With individual work certificate
- With PE stopper

Item Code	Capacity (ml)	N/S	Sub Division (ml)	Tolerance (± ml)	Pack of
142.223.00A*	5	10/19	0.1	0.05	1
142.223.01A	10	10/19	0.2	0.10	1
142.223.02A	25	14/23	0.5	0.25	1
142.223.03A	50	19/26	1.0	0.50	1
142.223.04A	100	24/29	1.0	0.50	1
142.223.05A	250	29/32	2.0	1.00	1
142.223.06A	500	34/35	5.0	2.50	1
142.223.07A	1000	45/40	10.0	5.00	1
142.223.08A	2000	45/40	20.0	10.00	1

3.3
BORO
GLASS

BLUE
PRINTING

Chemical
Resistant

A
CLASS

HEXA
BASE

1x METRIC

INDIVIDUAL
CERTIFICATE



ENQUIRE

* Non DIN



Cylinder



Mixing Cylinder with Hexagonal base, Class-A

- Complies with DIN EN ISO 4788 standards
- With conformity batch certificate
- With PE stopper

Item Code	Capacity (ml)	N/S	Sub Division (ml)	Tolerance (\pm ml)	Pack of
142.202.00A*	5	10/19	0.1	0.05	2
142.202.01A	10	10/19	0.2	0.10	2
142.202.02A	25	14/23	0.5	0.25	2
142.202.03A	50	19/26	1.0	0.50	2
142.202.04A	100	24/29	1.0	0.50	2
142.202.05A	250	29/32	2.0	1.00	2
142.202.06A	500	34/35	5.0	2.50	2
142.202.07A	1000	45/40	10.0	5.00	1
142.202.08A	2000	45/40	20.0	10.00	1

3.3
BORO
GLASS



A
CLASS



ENQUIRE

* Non DIN



Mixing Cylinder with Hexagonal base, Class-B

- Complies with DIN EN ISO 4788 standards
- With PE stopper

Item Code	Capacity (ml)	N/S	Sub Division (ml)	Tolerance (\pm ml)	Pack of
142.222.00A*	5	10/19	0.1	0.1	2
142.222.01A	10	10/19	0.2	0.2	2
142.222.02A	25	14/23	0.5	0.5	2
142.222.03A	50	19/26	1.0	1.0	2
142.222.04A	100	24/29	1.0	1.0	2
142.222.05A	250	29/32	2.0	2.0	2
142.222.06A	500	34/35	5.0	5.0	2
142.222.07A	1000	45/40	10.0	10.0	1
142.222.08A	2000	45/40	20.0	20.0	1

3.3
BORO
GLASS



B
CLASS



ENQUIRE

* Non DIN

Mixing Cylinder with Detachable Plastic Hexagonal base, Class-B

- Complies as per DIN EN ISO 4788 standards
- With PE stopper

Item Code	Capacity (ml)	Sub Division (ml)	Tolerance (\pm ml)	Pack of
142.232.00A	5	0.1	0.1	2
142.232.01A	10	0.2	0.20	2
142.232.02A	25	0.5	0.50	2
142.232.03A	50	1.0	1.00	2
142.232.04A	100	1.0	1.00	2
142.232.05A	250	2.0	2.00	2
142.232.06A	500	5.0	5.00	2
142.232.07A	1000	10.0	10.00	1

3.3
BORO
GLASS

BLUE
PRINTING

Chemical
Resistant

B
CLASS

HEXA
BASE



ENQUIRE



Mixing Cylinder with Round base, Class-B

- Complies as per DIN EN ISO 4788 standards
- With PE stopper

Item Code	Capacity (ml)	Sub Division (ml)	Tolerance (\pm ml)	Pack of
141.222.01*	5	0.1	0.1	2
141.222.02	10	0.2	0.2	2
141.222.03	25	0.5	0.5	2
141.222.04	50	1.0	1.0	2
141.222.05	100	1.0	1.0	2
141.222.06	250	2.0	2.0	2
141.222.07	500	5.0	5.0	2
141.222.08	1000	10.0	10.0	1
141.222.09	2000	20.0	20.0	1

3.3
BORO
GLASS

BLUE
PRINTING

Chemical
Resistant

B
CLASS

ROUND
BASE



ENQUIRE



* Non DIN

Cylinder



Hydrometer Jar, Round base, Plain

- Without calibration markup
- Without Spout

Item Code	Capacity (ml)	Pack of
138.271.02	250	2
138.271.03	500	2
138.271.04	1000	1

Hydrometer Jar, Round base

- With circle mark on the top
- Printed with capacity & 20°C
- Without spout
- With rim

Item Code	Capacity (ml)	Pack of
138.270.01	1000	1

3.3
BORO
GLASS



A
CLASS



ENQUIRE



ENQUIRE



Nessler Cylinder, for colour comparison Class-A

Item Code	Capacity (ml)	Sub Division (ml)	Tolerance (\pm ml)	Pack of
143.202.01	50	25 & 50	0.4	10
143.202.02	100	50 & 100	0.8	10

3.3
BORO
GLASS



A
CLASS



ENQUIRE

Cylinder-PP, Measuring, Hexagonal

• Hexagonal base provides excellent stability to the cylinder

Item Code	Capacity (ml)	Least Count (ml)	Pack of
177.303.01	10	0.2	24
177.303.02	25	0.5	12
177.303.03	50	1	12
177.303.04	100	1	12
177.303.05	250	2	6
177.303.06	500	5	4
177.303.07	1000	10	2



ENQUIRE



Cylinder, Tapped Density Cylinder

• Complies USP 616

• Used in tapped density apparatus to measure bulk density of powders

Item Code	Capacity (ml)	Pack of
139.520.01A	100 & 250	1

Cylinder, Tapped Density Cylinder

Item Code	Capacity (ml)	Pack of
139.521.01A	100	2

Cylinder, Tapped Density Cylinder

Item Code	Capacity (ml)	Pack of
139.521.05A	250	2

3.3
BORO
GLASS



ENQUIRE



ENQUIRE



ENQUIRE



Cylinder, Brush

Item Code	Type	Material of Bristle	Pack of
593.303.05	Cylinder Brush	Nylon	50

Nylon



ENQUIRE





Desiccator, With Lid, Plain

- Complies with DIN 12491
- Die pressed
- Neutral Glass with Porcelain perforated plate

Item Code	I.D. (mm)	Pack of
249.202.01	150	1
249.202.02*	210	1
249.202.03	250	1
249.202.04	300	1



ENQUIRE

* Non DIN



Desiccator, With Lid, Vacuum

- Complies with DIN 12491
- Die Pressed
- Neutral Glass with Porcelain Perforated Plate and Glass Sleeve

Item Code	I.D. (mm)	Pack of
250.202.01	150	1
250.202.02*	210	1
250.202.03	250	1
250.202.04	300	1



ENQUIRE

* Non DIN

Desiccator (Vacuum)

- Made from Polypropylene and Polycarbonate
- Autoclavable vacuum desiccators can hold vacuum up to 740 mm of Hg for 24 hrs with out any greasing
- Fitted with Polypropylene stopcock with a self lubricating PTEF plug

Item Code	Size (mm)	O.D. Flange (mm)	I.D. (mm)	Pack of
118.303.01	150	171	150	1
118.303.02	210	232	200	1
118.303.03	250	276	250	1
118.303.04	300	340	300	1



ENQUIRE



Desiccator (Plain)

- Made from Polypropylene/ Polycarbonate
- Both Vacuum & Plain Desiccators are provided with a thick perforated Polypropylene disc with a big hole in the center for easy lifting
- The tiny holes in the disc provide air trough & support to the dishes

Item Code	Type	Size (mm)	Flange (mm) O.D.	I.D. (mm)	Pack of
119.303.01	Plain	150	171	150	1
119.303.02	Plain	200	232	200	1
119.303.03	Plain	250	276	250	1
119.303.04	Plain	300	340	300	1
119.303.05	(Vaccum - All Clear)	150	171	150	1
119.303.06	(Vaccum - All Clear)	200	232	200	1
119.303.07	(Vaccum - All Clear)	250	276	250	1
119.303.08	(Vaccum - All Clear)	300	340	300	1



ENQUIRE



Dish

Manufactured from ASTM E 438 TYPE 1 Class A BORO 3.3 GLASS. These dishes are as per DIN and USP standards. The dishes are printed in durable white color and have a marking area to use with an ordinary pencil.



Dish, Crystallizing, without Spout

- Complies with DIN 12337
- Made of Heat & Chemical resistance Boro 3.3 Glass

Item Code	O.D. x Ht (mm)	Capacity (ml)	Pack of
246.202.01	40x 25	20	10
246.202.02	50x30	40	10
246.202.03	60x35	60	10
246.202.04	70x40	100	10
246.202.05	80x45	150	10
246.202.06	95x55	300	10
246.202.07	115x65	500	10
246.202.08	140x75	900	10
246.202.09	190x90	2000	6
246.202.11	230x100	3500	4

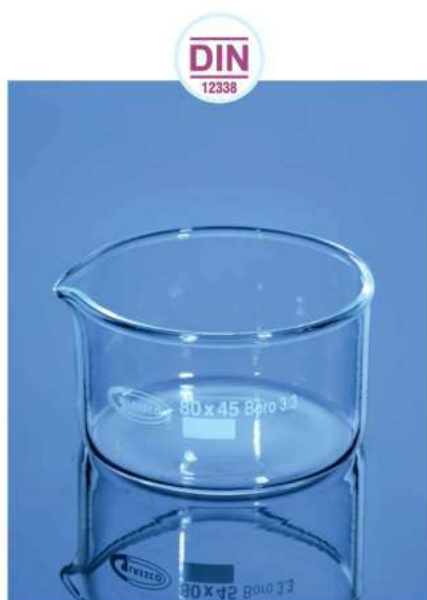
3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



Dish, Crystallizing, with Spout

- Complies with DIN 12338
- Made of Heat & Chemical resistance Boro 3.3 Glass

Item Code	O.D. x Ht (mm)	Capacity (ml)	Pack of
246.202.01S	40x 25	20	10
246.202.02S	50x30	35	10
246.202.03S	60x35	60	10
246.202.04S	70x40	100	10
246.202.05S	80x45	150	10
246.202.06S	95x55	300	10
246.202.07S	115x65	500	10
246.202.08S	140x75	900	10
246.202.09S	190x90	2000	6
246.202.11S	230x100	3500	4

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE

Dish, Evaporating

- Complies with DIN 12336
- Made of Heat & Chemical resistance Boro 3.3 Glass
- Flat base
- Curved sides with spout

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Pack of
247.202.00	15	50	25	10
247.202.00B	45	56	30	10
247.202.01	90	80	45	10
247.202.02	170	95	55	10
247.202.02C*	290	105	55	10
247.202.02A	320	115	65	10
247.202.03D	600	140	80	10
247.202.03A*	1500	150	80	10
247.202.04*	2500	200	100	10

3.3
BORO
GLASSWHITE
PRINTINGChemical
Resistant

ENQUIRE

* Non DIN

**Dish, Evaporating, Euro Design**

- Made of Porcelain
- Temperature range upto 1000°C

Item Code	O.D. x Ht (mm)	Capacity (ml)	Pack of
528.303.07	60 x 24	35	6
528.303.08	75 x 30	70	6
528.303.09	80 x 30	80	6
528.303.10	94 x 42	120	6
528.303.11	100 x 42	150	6
528.303.12	115x45	250	4
528.303.13	145 x 48	385	4
528.303.14	162 x 51	525	2
528.303.15	185 x 54	765	2

EU

1000°C
SSSS

ENQUIRE





Dish, Petri, Manufactured from BORO 3.3 Glass

- Withstand repeated Autoclaving

Item Code	O.D. x Ht (mm)	Pack of
248.202.00	60 x 15	10
248.202.01	50 x 17	10
248.202.02	80 x 17	10
248.202.02A	80 x 15	10
248.202.03	100 x 17	10
248.202.03A	100 x 20	10
248.202.03B	100 x 15	10
248.202.03D	120 x 20	10
248.202.04	150 x 20	10
248.202.04A	150 x 25	10
248.202.05	200 x 20	10
248.202.05A	200 x 30	10

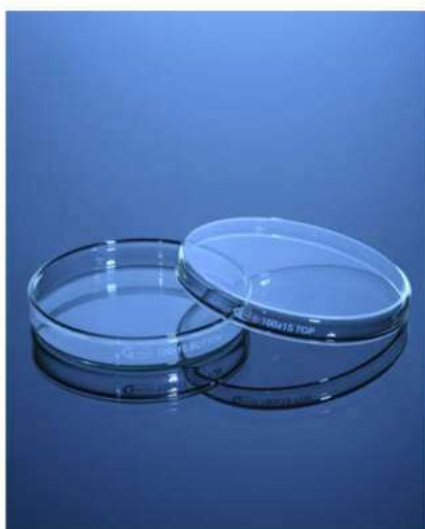
3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



Dish, Petri, Soda Line Glass

Item Code	O.D. x Ht (mm)	Pack of
248.203.03	90 x 15	36
248.203.04	100 x 15	36

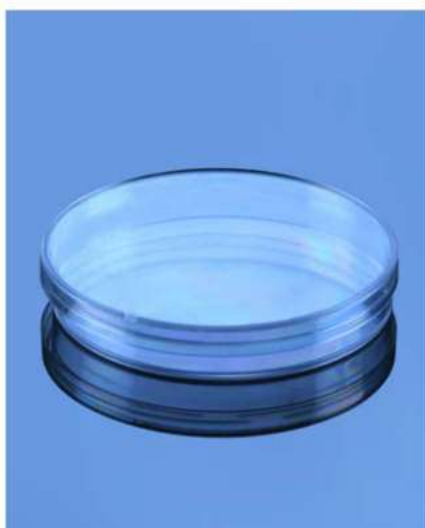
3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



Dish, Petri (Disposable), Sterile

- Transparent and ready to use, disposable Petri Dishes
- Made of optically clear, non-toxic, Polystyrene

Item Code	Size (mm)	Pack of
159.303.01	90	20

1000°C
SSSS



ENQUIRE

Dish, Rack For Petri Dish

- Made from Polymethyl / Methacrylate / Polycarbonate
- Clear acrylic construction with white Polycarbonate Posts
- Capacity to hold 60 petri dishes of 90 mm size
- Useful during inoculation, incubation & Storage
- Visibility from all sides enables the culture to be seen & checked during incubation

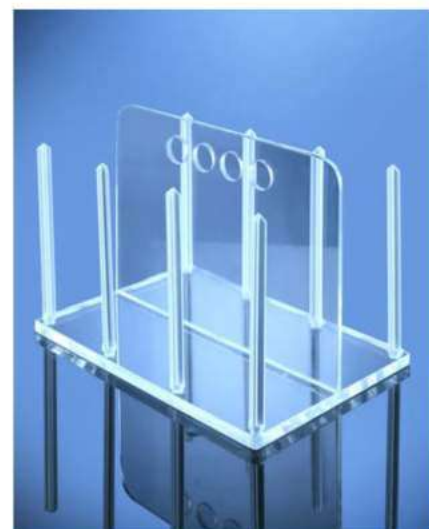
Item Code	Size (mm)	Pack of
160.303.01	90	2
160.303.02	60	2



PMMA



ENQUIRE



Pestle & Mortar, Euro Design

- Made of Porcelain
- Temperature range upto 1000°C

Item Code	O.D. x Ht (mm)	Pack of
529.303.08	65 x 47	6
529.303.09	80 x 50	4
529.303.10	85 x 60	4
529.303.11	110 x 70	4
529.303.12	125 x 75	4
529.303.13	135 x 90	2
529.303.15	165 x 100	1
529.303.16	185 x 120	1
529.303.17	210 x 150	1

EU



ENQUIRE





Distilling Apparatus, Ammonia, With Graham Condenser

- Made From Heat Resistant, Low Expansion Borosilicate 3.3 Glass
- Interchangeable Joints
- With Splash Head 24/29, 19/26
- With Kjeldahl flask 500ml & 800ml 24/29
- With Coil Condenser 200mm 19/26
- Ideal for determining the Nitrogen content

Item Code	Capacity (ml)	Pack of
340.202.03	500	1
340.202.04	800	1

5.1
BORO
GLASS



ENQUIRE



Distilling Apparatus, With Graham Condenser

- Made From Heat Resistant, Low Expansion Borosilicate 3.3 Glass
- Interchangeable Joints & Stopper
- Flat bottom distillation flask 500 ml 24/29, 19/26
- With Coil condenser 200mm 19/26

Item Code	Capacity (ml)	Condenser Coil (mm)	Interchangeable Joint	Pack of
341.202.03	500	200	19/26	1

3.3
BORO
GLASS



ENQUIRE



Distilling Apparatus, with Friedrichs Condenser

- Made From Heat Resistant, Low Expansion Borosilicate 3.3 Glass
- Interchangeable Joint and Stopper

Item Code	Capacity (ml)	Interchangeable Joint	Pack of
342.202.03	2000	24/29	1

3.3
BORO
GLASS



ENQUIRE

Distilling Apparatus, Compact with Friedrichs Condenser

- Made From Heat Resistant, Low Expansion Borosilicate 3.3 Glass
- Interchangeable Joint

Item Code	Capacity (ml)	Interchangeable Joint	Pack of
343.202.04	1000	34/35	1

3.3
BORO
GLASS



ENQUIRE



Alcohol Distillation Unit

- Ideal for Alcohol Distillation

Item Code	Capacity (ml)	Pack of
347.202.01	1000	1

RM Value Apparatus

- To be Used in Dairy Industries for Oil & Wax Analysis

Item Code	Capacity (ml)	Pack of
348.202.01	300	1

5.1
BORO
GLASS



ENQUIRE



ENQUIRE



Essential Oil Determination Apparatus (Clevenger Apparatus)

- Made From Heat Resistant, Low Expansion Borosilicate 3.3 Glass
- For Oil Heavier Than Water
- Round bottom Flask 1000ml-24/29
- Liebig condenser 300mm-24/29
- Dean Stark 10 ml

Item Code	Capacity (ml)	Pack of
226.202.01	10	1

5.1
BORO
GLASS



ENQUIRE





Essential Oil Determination Apparatus (Clevenger Apparatus)

- Made From Heat Resistant, Low Expansion Borosilicate 3.3 Glass
- For Oil Lighter Than Water
- Round bottom flask 1000ml-24/29
- Liebig condenser 300mm-24/29
- Dean Stark 10 ml

Item Code	Capacity (ml)	Pack of
227.202.01	10	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



Distilling Apparatus, Dean and Stark

- Moisture Test
- Made From Heat Resistant, Low Expansion Borosilicate 3.3 Glass
- Round bottom Flask 1000ml-24/29
- Liebig condenser 200mm-19/26
- Dean Stark 10 ml

Item Code	Capacity (ml)	Pack of
227.202.01A	10	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE

Short Path Distillation Unit

- Boiling Flask 2 & 10 Ltr
- With Compression Cap
- Used for distillation of large volumes.
- Made from borosilicate 3.3 glass.
- White printing

Item Code	Capacity (Ltr.)	Pack of
351.202.01	2	1
351.202.02	10	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



Buy Now!



Compatible Heating Mantle options



Analog
(1220.DNEU)

Digital
(1222.DNEU)

For more information



ENQUIRE



ENQUIRE

Sr. No.	Capacity (2 Ltr.)	Capacity (10 Ltr.)	Qty (Pcs)
1.	Round bottom flask 2000ml three neck, parallel, centre socket 24/40, side sockets 34/45	Round bottom flask 10000ml three neck, parallel, centre socket 24/40, side sockets 34/45	1
2.	Recovery flask, 500ml, socket 24/40	Recovery flask, 2000ml, socket 24/40	6
3.	Distillation still head with double surface coil condenser effective length 85mm. cone 24/40, with GL 14 cap for thermometer inlet & cone to fit flask 34/45	Distillation still head with double surface coil condenser effective length 85mm. cone 24/40, with GL 14 cap for thermometer inlet & cone to fit flask 34/45	2
4.	Adapter distilling receiver 100ml without hose connection cow type design socket 24/40 cone 24/40	Adapter distilling receiver 250ml without hose connection cow type design socket 24/40 cone 24/40	2
5.	Adapter inlet/thermometer joint 24/40 with compression cap and O'ring.	Adapter inlet/thermometer joint 24/40 with compression cap and O'ring.	1
6.	Conical joint clips keck pom 24/40 (green)	Conical joint clips keck pom 24/40 (green)	8
7.	Conical joint clips keck pom 34/45 (orange)	Conical joint clips keck pom 34/45 (orange)	2
8.	Conical joint clips keck pom 34/45 (orange)	Conical joint clips keck pom 34/45 (orange)	4
9.	Glass caps 24/40 with flat bottom for distillation receiver	Glass caps 24/40 with flat bottom for distillation receiver	6
	Screw thread cap GL-14 with liner	Screw thread cap GL-14 with liner	



Short Path Distillation Head

- Glass Connector to connect rubber tube of ID 8.0 mm
- PP Screw Cap GL-14 to connect Thermometer

Item Code	Pack of
345.402.01	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



Kjeldhal Distillation Unit

- Kjeldhal Flask 500ml, Socket 24/29
- Conical Flask 250ml
- With glass connection, straight
- Adapter Multiple Socket 19/26, Cone 24/29
- Dropping Funnel with cone 19/26 & Leibig condenser 350mm
- Adapter slash head 19/26 & Receiver adapter straight steam

Item Code	Keck Joint	Pack of
1194.000.05	19/26 & 24/29	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE

Moisture Determination Unit

- Dean Stark Graduated 2ml, Socket 19/26, Cone 24/29
- Liebig Condenser 200mm, Cone 19/26 without socket
- Round Bottom Flask 250ml 24/29

Item Code	Keck Joint	Pack of
465.000.01	19/26 & 24/29	1

5.1
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



Inhaler Testing Kit

- Gas Wash Bottle 500ml, Socket 29/32
- PP Screw Cap GL-28 & Keck clamp 14/23, 24/29, 29/32
- With 50ml Round Bottom Flask with cone 24/29 & socket 29/32
- Conical Flask 250ml, with socket 24/29
- Round Bottom angular Flask 100ml

Item Code	Pack of
345.525.03	1

5.1
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE





Mancozeb Assembly Set

- Round Bottom Flask 100ml 24/29
- Liebig condenser 150mm 24/29
- Dip Tube, Trap & Absorber 10/19

Item Code	Pack of
228.202.01A	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



Fractional Distillation Equipment

- Round Bottom Flask 250ml, Socket 29/32
- Vigreux 320mm with NS 29/32,29/32
- Adapter, Still head plain socket 29/32, Cone 29/32,29/32
- Liebig Condenser 250mm 29/32 with Glass hose connector
- Adapter Receiver 29/32, short stem
- Adaptor Thermometer with compression cap 29/32
- Thermometer 10° to 110° C

Item Code	Keck Joint	Pack of
328.202.02	29/32	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



Hoffman Voltmeter

Item Code	Pack of
325.202.01	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE

Simple Distillation Equipment Set

- Round Bottom Flask 250ml, NS 29/32
- Adapter, Still head plain socket 29/32, Cone 29/32,29/32
- Liebig Condenser 250mm 29/32 with Glass hose connector
- Adapter Receiver 29/32, short stem
- Adaptor Thermometer with compression cap 29/32
- Thermometer 10° to 110° C

Item Code	Pack of
328.202.01A	1

3.3
BORO
GLASS



ENQUIRE



Gas Generator, Kipps Apparatus

- Made from corrosion resistant 3.3 Borosilicate glass
- Produce common gases
- User-friendly

Item Code	Extractor Length mm	Pack of
497.202.01	500	1
497.202.02	1000	1

3.3
BORO
GLASS



ENQUIRE



Extraction Apparatus



Extractor Apparatus

• Complete with condenser & flask

Item Code	Extractor Cap.(ml)	Extractor Socket	Extractor Cone	Flask Cap.(ml)	Condenser Type	Connector	Pack of
210.202.12	100	45/40	29/32	250	Dimroth	Screw Thread	1
210.202.13	150	45/40	29/32	250	Dimroth	Screw Thread	1
210.202.14	250	45/40	29/32	500	Dimroth	Screw Thread	1
210.202.15	500	60/46	29/32	1000	Dimroth	Screw Thread	1
210.202.16	1000	71/55	29/32	2000	Dimroth	Screw Thread	1

5.1
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

SCREW
CAP



ENQUIRE

Available with

Single Soxhlet Extraction Unit

Extraction unit metal stand with heating mantle

Item Code	Capacity (ml)	Watts	Dimension (mm)	No. of Position of regulator
1101.DNEU.02	100	150	280x210x520	1/1
1101.DNEU.03	250	150	280x210x520	1/1
1101.DNEU.04	500	200	280x210x520	1/1

Single Soxhlet Extraction Unit with Stirrer

Extraction unit metal stand with heating mantle stirrer

Item Code	Capacity (ml)	Watts	No. of Position of regulator
1601.DNEU.01*	100	170	1/1
1601.DNEU.02*	250	170	1/1
1601.DNEU.03*	500	220	1/1

*Also Available with 3 Position & 6 Position Heating Mantle
Please refer to page no 335-336



Extractor

Item Code	Capacity (ml)	Socket	Cone	Pack of
211.202.03*	60	34/35	24/29	1
211.202.04B*	100	40/38	24/29	1
211.202.04	100	45/40	29/32	1
211.202.06A*	200	50/42	24/29	1
211.202.06	250	45/40	29/32	1
211.202.08	500	60/46	29/32	1
211.202.09	1000	71/55	29/32	1

5.1
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE

*Non DIN

Condensers Allihin for Soxhlet Apparatus

- Manufactured from ASTM E-438, Type-1, Class-A boro 3.3 Glass
- Condenser with glass screw thread connector

Item Code	Cone	Effective Length (mm)	Extractor (ml)	Connector	Pack of
191.202.01	45/40	300	100	Glass	1
191.202.01A	45/40	400	250	Glass	1
191.202.02	60/46	400	500	Glass	1
191.202.03	71/55	400	1000	Glass	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



Simple Distillation Equipment Set

- Round Bottom Flask 250ml, NS 29/32
- Adapter, Still head plain socket 29/32, Cone 29/32,29/32
- Liebig Condenser 250mm 29/32 with Glass hose connector
- Adapter Receiver 29/32, short stem
- Adaptor Thermometer with compression cap 29/32
- Thermometer 10° to 110° C

Item Code	Cone	Effective Length (mm)	Extractor (ml)	Connector	Pack of
191.181.01	45/40	300	100	Screw Thread	1
191.181.01A	45/40	400	250	Screw Thread	1
191.181.02	60/46	400	500	Screw Thread	1
191.181.03	71/55	400	1000	Screw Thread	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

SCREW
CAP



ENQUIRE





Condenser, Dimroth for Soxhlet Apparatus

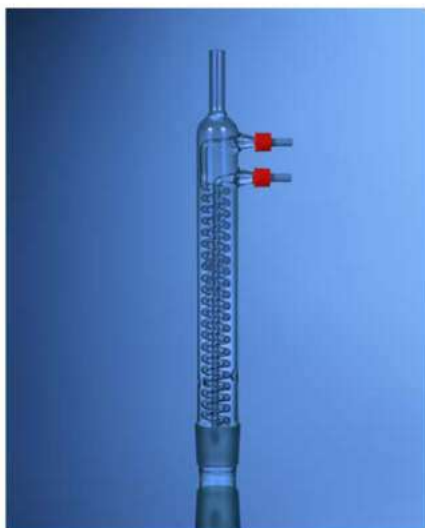
- Made from ASTM E-438, Type-1, Class-A boro 3.3 Glass
- Condenser with glass screw thread connector

Item Code	Cone	Effective Length (mm)	Extractor (ml)	Connector	Pack of
192.202.01	45/40	300	100	Glass	1
192.202.01A	45/40	400	250	Glass	1
192.202.02	60/46	400	500	Glass	1
192.202.03	71/55	400	1000	Glass	1

5.1
BORO
GLASS



ENQUIRE



Condenser, Dimroth for Soxhlet Apparatus

- Made from ASTM E-438, Type-1, Class-A boro 3.3 Glass
- Condenser with plastic screw thread connector

Item Code	Cone	Effective Length (mm)	Extractor (ml)	Connector	Pack of
192.181.01	45/40	300	100	Screw Thread	1
192.181.01A	45/40	400	250	Screw Thread	1
192.181.02	60/46	400	500	Screw Thread	1
192.181.03	71/55	400	1000	Screw Thread	1

3.3
BORO
GLASS



ENQUIRE

Glassco Brand sintered glassware needs the filtration of liquids and gases in the laboratory. It incorporates a porous glass disc as a filter media, which is non-corrosive and reusable. It is also used for gas washing dispersion and adsorption.

The sintered disc is manufactured by crushing Borosilicate glass, powdering, cleaning, separating into various mesh sizes, and then fusing in the form of a disc. The sintered disc is graded into five grades-G1, G2, G3, G4, and G5. The grades are classified by maximum pore size, which is obtained by measuring the pressure at which the first air bubble breaks away from the filter under certain conditions. The pressure differential is then used to calculate the equivalent capillary diameters in microns. The desired pore size is obtained by suitable for controlling the grain size, firing time, temperature, and thickness. Each disc is tested and graded individually.

The pore diameters are reasonably uniform, which ensures the required flow rate through the filter.

The flow rate further depends on the pressure differential between the two sides of the disc, free area of the discs, the viscosity of the fluid being filtered, etc. between different discs

of the same size and grade, there is a fair amount of uniformity in pore size, and hence the results from two or more discs of the same size and quality will be uniform. This ensures reproducible analytical results.

The discs have a maximum surface hardness, and hence glass powder does not get scraped off during cleaning or with chemicals. Filters do not shed particles during usage.

The discs are sealed to tubing without blocking the pores. They are appropriately annealed in automatically controlled lehrs.

POROSITY GRADES AND THEIR GENERAL USE

Porosity Grades	Pore Size (Microns)	General Use
1.	90-150	Filtration of coarse materials/precipitates, gas dispersion, gas washing, extractor bed, support for other filter materials.
2.	40-90	Filtration of medium precipitates gas dispersion, gas washing.
3.	15-40	Filtration of fine grain precipitates. Analytical work with medium precipitates mercury filtration.
4.	5-15	Analytical work with fine and very fine precipitates. Non return mercy valves.
5.	1-2	Bacteriological filtration

Chemical Durability

Glassco Sintered ware is produced from the same high-quality material from which all Glassco Brand borosilicate laboratory glassware is manufactured and has excellent resistance to chemical attack.

Operating Pressure

Glass sintered ware are mainly designed to apply vacuum gas passage at relatively low pressure. In all cases, the differential pressure must not exceed 100 KN/m² (1 5psi).

Thermal Characteristics

The resistance to thermal shock of sintered ware is comparatively less as compared to standard Lab glassware. Therefore, articles of sintered ware should not be subjected to extreme temperature changes in direct flames.

Glassco Sintered crucibles are particularly suited for drying to constant weight. Dry sintered crucibles at room temperature can be placed directly into a drying oven at 1500 C. However, the customary practice is to dry at 1100 C. Sintered ware may safely be heated in a furnace to 5000 C without ill effect. The cycle of heating and cooling is a gradual strain caused by the excessive temperature of the apparatus.

Sintered ware of porosity grades 4 and 5 when cold and damp should never be subjected to a sudden temperature change since the evolution to steam set up sufficient pressure within the filter to crack it.

The filtration apparatus should be kept on its rim (stem upwards) in an oven or sterilizer. A perforated support base is advantageous for air convection in case pipeline filters. Care should be taken by using heat-insulating material such as asbestos to avoid premature near filter seal. Apparatus should remain in the oven of sterilizer during cooling to prevent too fast a cooling rate.

Cleaning of Sintered Ware

New sintered filters should be washed carefully with hot hydrochloric acid and then rinsed with distilled water before they are used. This treatment will ensure that all loose particles are removed from the filter.

It is recommended that all sintered filters are thoroughly cleaned "immediately" after use. This is the most favorable time for ease of cleaning and will ensure less contamination in subsequent use.

Many residues can be removed from the filter by backflushing with water; however, great care must be taken with large diameters and fine filters. Positive pressures on the reverse side may break the filter.

Under no circumstances should sintered apparatus be subjected to mains water pressure when backflushing, as, in most instances, a vacuum pump is also useful.

Filters clogged by dust and dirt dust and gas filtration can be restored by treatment with a warm detergent solution followed by blowing clean air from the filter's clean side. Dirt particles are brought to the surface by the foam and removed by rinsing with water.

Some residues may clog the filter, which may be removed by chemical cleaning as given below.

Clean the porous glass fit of the filter support by backflushing with warm water & then soaking overnight in a chromic acid cleaning solution.

Follow the soaking with another backflushing. After cleaning thoroughly, rinse the components with clean water & air dry. Do not wipe with paper or cloth, which may leave traces of fibers & lint.



All Glass Filter Holder

For 47 mm Disc Filters

Specifications:

Materials of Construction

Borosilicate glass funnel and base; anodized aluminum spring clamp; silicone stopper

260.202.01

Coarse-frit glass filter support

261.202.01

PTFE-faced funnel and base

262.202.01

Stainless steel screen filter support

Filter Diameter, mm

47

Filtration Area, cm²

9.6

Funnel Capacity, mL

300; accessory 500ml & 1Lt is available

Prefilter Diameter, mm

35 (thick depth prefilter) or 47 (membrane prefilter)

Outlet Fitting

No. 8 perforated silicone stopper mounts in standard 1 L and 4 L filtering flasks

Dimensions

Height, cm

22.9

Diameter, cm

7.6

Sterilization Method

260.202.01 and 261.202.01

30 UV sterilize or autoclave without filter in-place

262.202.01

Autoclave with filter in-place



Applications :

Use 260.202.01 for

- Bacteriological analysis of water using 47 mm sterile membrane filters
- Analysis of suspended solids in water using 47 mm depth filters

Use 261.202.01 for

- Bacteriological analysis applications where autoclaving filter holder is needed with the membrane

Use 262.202.01 for

- Particulate contamination analysis of oils and hydraulic fluids by gravimetric or particulate counting methods
- Exfoliative cytology applications

Use 258.202.01 for

- Used in vacuum filter aqueous, organic or corrosive liquids for particulate contamination analysis
- Recommended for HPLC solvent filtration



Glass Filter Holders

For 47 mm Disc Filters

Ordering Information:

Cat No. **Description**
 260.202.01 Glass filter holder assembly with funnel, fritted base, stopper, clamp, 47 mm

Replacement Parts:

258.245.01 Glass funnel, 300 ml, borosilicate
 260.245.02 Base for 47 mm glass/filter holder
 258.245.02 Spring clamp, 47 mm, aluminum
 260.245.05 No. 8 perforated stopper, silicone

Cat No. **Description**
 261.202.01 Glass filter holder assembly, PTFE-coated, with PTFE coated funnel and PTFE coated base, stopper no. 8 clamp 47 mm, Frit

Replacement Parts: PTFE-faced Glass Filter Holder

261.245.01 Funnel, PTFE-faced, 300 ml
 258.245.02 Spring clamp, 47 mm, aluminum
 261.245.03 Glass base, PTFE-faced, 47 mm
 260.245.05 No. 8 perforated stopper, silicone

Cat No. **Description**
 262.202.01 Glass filter holder with stainless steel screen, 47 mm

Replacement Parts : Stainless Screen Glass Filter Holder

258.245.01 Glass funnel, 300 ml, borosilicate
 258.245.02 Spring clamp, 47 mm, aluminum
 262.245.03 Glass base, 47 mm
 262.245.04 Support screen, 47 mm, stainless steel
 262.245.05 Gasket, PTFE
 260.245.05 No. 8 perforated stopper, silicone

Optional Accessories

260.245.04 Vacuum filtering flask, 1 Ltr
 260.245.06 Vacuum filtering flask, 2 Ltr
 260.245.08 Vacuum filtering flask, 4 Ltr
 258.245.01A Funnel 500ml borosilicate Glass
 263.245.08 Glass Funnel 1 Ltr borosilicate glass

Replacement Parts:

1. Funnel 300 ml
2. Base 47 mm Frit
3. Clamp 47 mm
5. Stopper 8 No.



ENQUIRE



Filter holder with glass filter support, 260.202.01

Replacement Parts:

1. Funnel 300 ml Teflon Coated
2. Clamp 47 mm
3. Base 47 mm Frit Teflon Coated
4. Stopper 8 No.



ENQUIRE



Filter holder with PTFE-faced filter support, 261.202.01

Replacement Parts:

1. Funnel 300 ml
2. Clamp 47 mm
3. Base 47 mm
4. Screen 47 mm
5. PTFE Gasket
6. Stopper No. 8

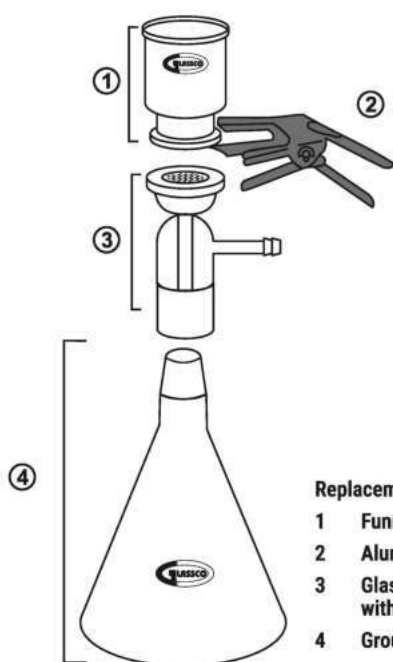


ENQUIRE



Filter holder with stainless steel screen filter support, 262.202.01





Replacement Parts:

- 1 Funnel 300 ml
- 2 Aluminium Clamp 47 mm
- 3 Glass Base 47 mm with Sintered Disc
- 4 Ground Joint Flask 1000 ml

All Glass Filter Holder

For 47 mm Disc Filters

Specifications:

Materials

258.202.01

Borosilicate glass funnel, base and tubulated cap; anodized aluminum spring clamp; fritted glass filter support

Filter Diameter, mm 47

Filtration Area, cm² 9.6

Funnel Capacity, ml Funnel: 300 ml; flask: 500ml & 1Lt is available

Outlet Fitting 6 mm (1/4 in.) O.D. tubulated cap sidearm to vacuum



Ordering Information:

Cat No.

258.202.01

Description

All-Glass Filter Holder Assembly with funnel, fritted-base & cap, clamp 47 mm, ground joint flask 1 Ltr.

Cat No.

258.284.01

Description

All-Glass Filter Holder Assembly with funnel, fritted-base & cap, clamp 47 mm, ground joint flask 2 Ltr.

Replacement Parts

Cat No.

258.245.01

258.245.02

258.245.03

258.245.04

258.245.04A

Description

Glass funnel, 300 ml, Borosilicate
Spring clamp, 47 mm, aluminum
Glass Base & Cap, 47 mm
Flask, 1000ml for Filter Holder
Flask, 2000ml for Filter Holder



Optional Accessories:

Cat No.

263.245.06

263.245.07

258.245.08

258.245.09

258.245.01A

263.245.08

Description

Bottles Vacuum 2L
Bottles Vacuum 5L
Flask, 4000ml for filter holder
Flask, 5000ml for filter holder
Glass Funnel 500ml borosilicate glass
Glass Funnel 1L borosilicate glass



ENQUIRE

Glass Microanalysis Filter Holders

For 25 mm Disc Filters

Applications :

- Used to filter under vacuum/small volumes for particulate or biological contamination analysis
- Available in fritted glass or stainless steel
- Thick prefilters or laminated filters will not seal in this holder
- Use Durapore (PVDF) membrane or unlaminated PTFE for solvent applications with this apparatus.

Specifications:

Materials

259.202.01 Borosilicate glass funnel and base; fritted glass filter support; anodized aluminum spring clamp; silicone stopper

259.202.03 Borosilicate glass funnel and base; removable stainless steel screen filter support; anodized aluminum spring clamp; silicone stopper

Filter Diameter, mm 25

Filtration Area, cm² 2.5

Funnel Capacity, ml 15

Outlet Fitting No. 5 perforated silicone stopper mounts in standard 125 ml filtering flask

Dimensions

Height, cm 15.2

Diameter, cm 2.5

Ordering Information:

Cat No.	Description
259.202.01	Microanalysis Filter Holder, 25 mm, fritted glass support with Flask

Replacement Parts

259.245.01	Funnel, 15 ml, borosilicate glass
259.245.02	Fritted Glass Base with stopper, 25 mm
259.245.03	Spring Clamp, 25 mm, aluminum
259.245.06	No. 5 perforated stopper, silicone

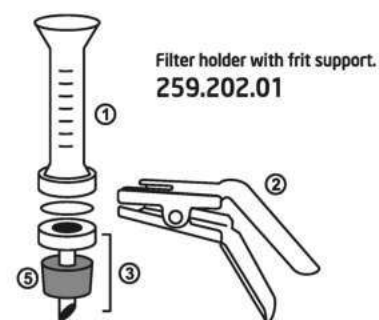
Cat No.	Description
259.202.03	Microanalysis Filter Holder, 25 mm, stainless steel support with Flask

Replacement Parts

259.245.01	Funnel, 15 ml, borosilicate glass
259.245.03	Spring Clamp, 25 mm, aluminum
259.245.05	Base stopper & stainless steel screen
259.245.06	No. 5 perforated stopper, silicone
259.245.07	Gaskets, Teflon
259.245.08	Support Screen, 25 mm, stainless steel

Optional Accessories

259.245.04	Vacuum filtering flask, 125 ml
260.245.05	No. 8 perforated stopper



ENQUIRE



ENQUIRE



All Glass Filter Holder

For 90 mm Disc Filters

Applications :

- Used in vacuum filter aqueous, organic or corrosive liquids for particulate contamination analysis
- Recommended for HPLC solvent filtration.

Specifications:

Materials	Borosilicate glass funnel, base and tubulated cap; PTFE-coated stainless steel screen; anodized aluminum spring clamp
Filter Diameter, mm	90
Funnel Capacity, L	1
Outlet Fitting	6 mm (1/4 in.) O.D. tubulated cap sidearm to vacuum

Ordering Information:

Cat. No.	Description
263.202.01	Glass Filter Holder with PTFE Coated Stainless steel screen, 90 mm

Replacement Parts

Cat. No.	Description
263.245.01	Funnel, 1L, 90 mm, ground glass seal
263.245.02	Vacuum Base and Cap, 90 mm
263.245.03	Stainless Steel Screen, PTFE coated, 90 mm
263.245.04	Gasket, PTFE 90 mm
263.245.05	Spring Clamp, 90 mm anodized aluminum

Cat. No.

Description

263.202.02	Glass Filter Holder with frit ted disc
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Replacement Parts

Cat. No.	Description
263.245.01	Funnel, 1L, 90 mm, ground glass seal
263.248.02	Cap glass base with fritted disc
263.245.05	Spring Clamp, 90 mm anodized aluminum

Optional Accessories

Cat. No.	Description
258.245.04	Ground Joint Flask, 1 L
263.245.06	Bottle Vacuum 2 L
263.245.07	Bottle Vacuum 5 L
258.245.08	Ground joint Flask, 4 L
258.245.09	Ground Joint Flask 5 L



ENQUIRE

Vacuum Pump

- Valves made of SS 316 material Built-in micro suction filter
- All parts made from special graded Aluminum die cast material for light weight and good strength
- Totally oil-free construction
- No lubricant required
- Diaphragms are made of special 2-ply nylon reinforced neoprene rubber.
- Noiseless performance
- Extra large bearings for trouble-free and smooth running.
- Absolutely portable
- Practically maintenance -free

Item Code	Volt	Hz
970.DNEU.01	230	50



ENQUIRE

Technical Specification :

Material	Aluminum Die Cast
Vacuum	22" Hg
Flow	15 (Ltrs/Min)
Pressure	25 Psig
Connection	10 mm Hose
Weight	2.5 Kg
Motor	1/20 hp
Dimension	150x110x140



Vacuum Filtration Manifold

Vacuum Filtration Manifold is an integrated filtration system with a prime to filter multiple samples off one vacuum source. It is without filter holders. It is entirely supported on stainless steel manifold with rugged side supports which keeps the system rigid and firm even while fully loaded. The holder equipped with a funnel SS lid can be vented using an accessory filter unit. It can be autoclaved or flame-sterilised.

Vacuum Filter Holders and Filtration Accessories for use in :

- Used for filtration of chromatography mobile phases and particulate contamination analysis.
- For vacuum filtration of aqueous, organic or corrosive liquids.
- Useful for Bacteriological or Particulate Contamination Analysis

Item Code	Volt	Hz
252.202.01	230	50



ENQUIRE

Technical Specification :

Material	Stainless Steel SS316
Valve Type	PTFE
Line Type	2 Way
Out Let	8x13 Hose
Available Range	3 Branch
Polish	Mirror
Connector	1/2" Hose (12mm)
Filter Type	47mm
Autoclave	121°C (15 Min)
Seal	Sillicone
Cork Size	Cork No. 8
Capacity	300 ml
Effective Filtration Area	13.5 Cm ²

Also Available in : **6 Station Vacuum Filtration Manifold**

Flask, Conical (Erlenmeyer), Graduated, Clear with Narrow Mouth

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Complies with ISO 1773 standard
- Has a reinforced thick rim to reduce chipping & breakage
- All the flasks are printed in durable white enamel

Item Code	Capacity (ml)	Body Dia (mm)	Neck Dia (mm)	Height (mm)	Pack of
231.202.01	25	42	22	75	10
231.202.02	50	51	22	90	10
231.202.03	100	64	22	105	10
231.202.03A*	150	74	28	118	10
231.202.04	250	85	34	145	10
231.202.05	500	105	34	180	10
231.202.06	1000	131	42	200	10
231.202.07	2000	166	50	280	6
231.202.08	3000	187	50	310	1
231.202.09	5000	220	50	365	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



Flask, Conical (Erlenmeyer), Graduated, Amber with Narrow Mouth

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Complies with ISO 1773 standard
- Has a reinforced thick rim to reduce chipping & breakage
- All the flasks are printed in durable white enamel
- Protects light-sensitive chemicals from UV and visible light

Item Code	Capacity (ml)	Dia (mm)	Dia1 (mm)	Height (mm)	Pack of
231.519.03	100	64	22	105	10
231.519.03A*	150	74	28	118	10
231.519.04	250	85	34	145	10
231.519.05	500	105	34	180	10
231.519.06	1000	131	42	220	10

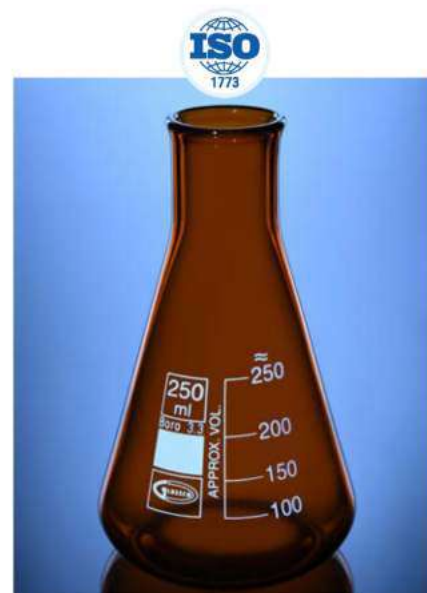
3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



*Non DIN

Flask, Conical (Erlenmeyer), Graduated with Narrow Mouth

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Has thick walls and reinforced thick beaded rim
- The flasks are produced to meet ASTM E-1404 TYPE-1 specifications
- All the flasks are printed in durable white enamel

Item Code	Capacity (ml)	Sub Division (ml)	Graduation Range	Stopper Size	Pack of
231.402.01	25	5	10-25	0	12
231.402.02	50	10	20-50	1	12
231.402.03A	125	25	50-125	5	12
231.402.04	250	25	50-225	6	12
231.402.04A	300	25	100-300	6	12
231.402.05	500	50	100-500	7	6
231.402.06	1000	50	250-1000	9	6
231.402.07	2000	100	600-2000	10	4
231.402.08A	4000	250	1000-400	10	1
231.402.09	6000	500	1500-6000	10	1

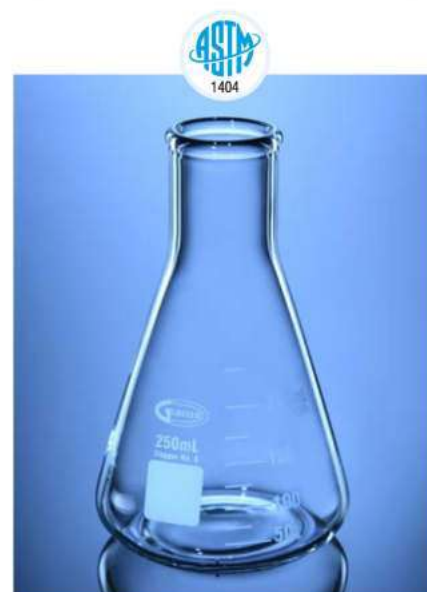
3.3
BORO
GLASS

WHITE
PRINTING

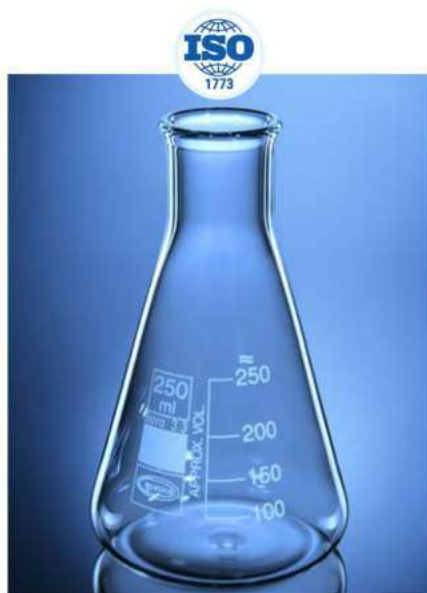
Chemical
Resistant



ENQUIRE



Flask



Flask, Conical (Erlenmeyer), Heavy Duty with Narrow Mouth

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Complies with ISO 1773 standard
- All the flasks are printed in durable white enamel
- Has a reinforced thick rim to reduce chipping & breakage

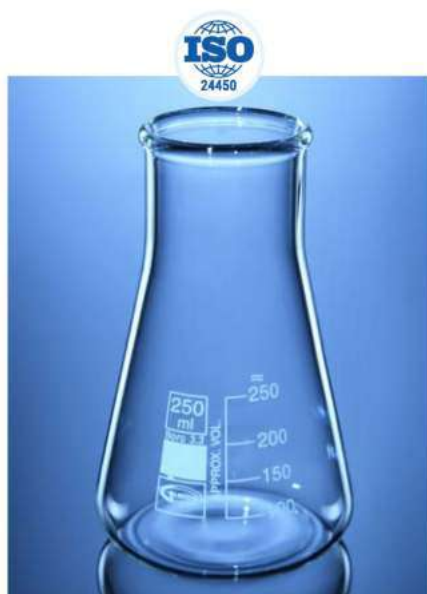
Item Code	Capacity (ml)	Body Dia (mm)	Neck Dia (mm)	Height (mm)	Pack of
231.237.01	25	42	22	75	10
231.237.02	50	51	22	90	10
231.237.03	100	64	22	105	10
231.237.03A*	150	74	28	118	10
231.237.05	250	85	34	145	10
231.237.07	500	105	34	180	10
231.237.08	1000	131	42	220	10
231.237.09	2000	166	50	280	6
231.237.10	3000	187	50	310	1
231.237.12	5000	220	50	365	1

3.3
BORO
GLASS



ENQUIRE

* Non DIN



Flask, Conical (Erlenmeyer) Wide Mouth

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Complies with ISO 24450 standard
- All the flasks are printed in durable white enamel
- Has a reinforced thick rim to reduce chipping & breakage

Item Code	Capacity (ml)	Dia (mm)	Dia1 (mm)	Height (mm)	Pack of
232.202.01*	25	42	31	70	10
232.202.02	50	51	34	85	10
232.202.03	100	64	34	105	10
232.202.05	250	85	50	140	10
232.202.07	500	105	50	175	10
232.202.08	1000	131	50	220	10
232.202.09*	2000	166	72	276	6

3.3
BORO
GLASS



ENQUIRE

* Non DIN

Flask, Filter

- With Glass Connector
- Made from heavy wall which can withstand high vacuum
- Printed in durable white colour enamel without Graduation

Item Code	Capacity (ml)	Pack of
074.202.00	50	2
074.202.01	100	2
074.202.02	250	2
074.202.03	500	2
074.202.04	1000	2
074.202.05	2000	1
074.202.08	5000	1

3.3
BORO
GLASS

WHITE
PRINTING

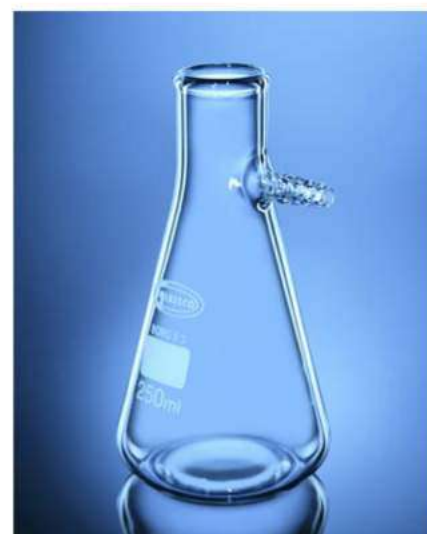
Chemical
Resistant

HEAVY
WALL



ENQUIRE

* Non DIN



Flask, Buchner, plain side arm and ground socket

- Complies with DIN ISO 3585 standard
- With precision-ground quick fit socket
- With traditional plain glass side-arm to accept 9mm bore vacuum tubing
- Heavy wall and base construction for vacuum work

Item Code	Capacity (ml)	Socket Size	Height (mm)	Approx Dia (mm)	Pack of
074.205.01B	100	19/26	107	70	2
074.205.01C	100	24/29	107	70	2
074.205.02	250	24/29	158	85	2
074.205.02A	250	29/32	158	85	2
074.205.03	500	24/29	188	105	2
074.205.03A	500	29/32	188	105	2
074.205.04	1000	24/29	238	138	2
074.205.04A	2000	29/32	238	138	2

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

HEAVY
WALL

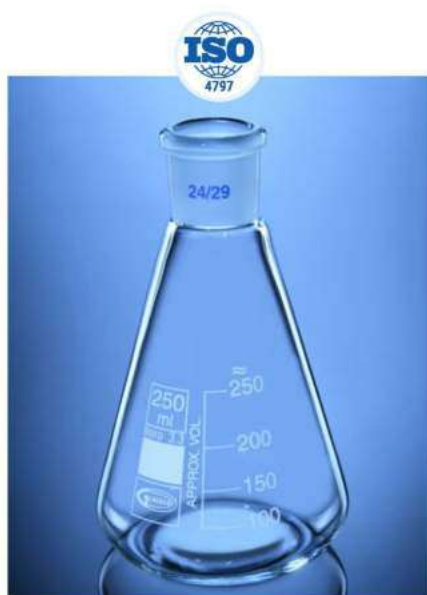


ENQUIRE

*Without Stopper



Flask



Flask, Conical with Joint

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Complies with ISO 4797 standard
- Ideal for mixing liquids
- All the flasks are printed in durable white enamel

Item Code	Capacity (ml)	Socket Size	Height (mm)	Approx Dia (mm)	Pack of
071.202.06	25	14/23	70	42	10
071.202.07	25	19/26	70	42	10
071.202.08	50	14/23	85	51	10
071.202.09	50	19/26	85	51	10
071.202.10*	50	24/29	85	51	10
071.202.10A*	50	29/32	85	51	10
071.202.11	100	14/23	100	64	10
071.202.12	100	19/26	100	64	10
071.202.13	100	24/29	100	64	10
071.202.14	100	29/32	100	64	10
071.202.15*	150	19/26	118	72	10
071.202.16*	150	24/29	118	72	10
071.202.17*	150	29/32	118	72	10
071.202.17A*	200	29/32	131	79	10
071.202.18	250	19/26	140	85	10
071.202.19	250	24/29	140	85	10
071.202.20	250	29/32	140	85	10
071.202.21A*	300	29/32	156	87	10
071.202.22	500	19/26	175	105	10
071.202.22A	500	24/29	175	105	10
071.202.23	500	29/32	175	105	10
071.202.25	1000	24/29	220	131	10
071.202.26	1000	29/32	220	131	10
071.202.27	1000	34/35	220	131	10
071.202.28	2000	29/32	270	166	6
071.202.29	2000	34/35	270	166	6
071.202.30	3000	45/40	310	187	1
071.202.31	5000	45/40	365	220	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE

* Non DIN



Flask, Conical (Erlenmeyer) with Joint

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Complies ASTM E1404 standard
- The Flasks are printed in durable white colour enamel

Item Code	Capacity (ml)	Joint Size	Pack of
071.470.04*	10	14/20	2
071.470.06*	25	14/20	2
071.470.09*	50	14/20	2
071.202.50	50	19/38	2
071.470.10A*	50	24/40	2
071.470.51A*	125	19/22	2
071.202.51	125	24/40	2
071.202.52	250	24/40	2
071.202.52A*	300	24/40	2
071.202.53	500	24/40	2
071.202.54	1000	24/40	1
071.202.55	2000	24/40	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

HEAVY
WALL



ENQUIRE

* Non DIN

Flask, Iodine

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- for Iodine determination with ground joint and stopper

Item Code	Capacity (ml)	Joint Size	Pack of
072.202.01	250	24/29	2
072.202.02	250	29/32	2
072.202.03	500	24/29	2
072.202.04	500	29/32	2

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



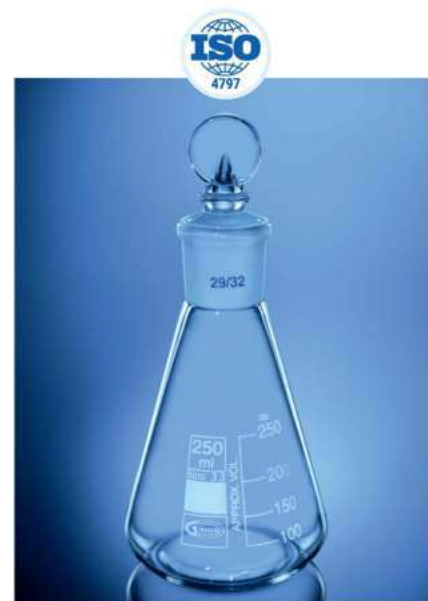
Flask, Conical (Erlenmeyer)

- Made from DIN ISO 3585, heat resistant Boro 3.3 glass
- Complies with ISO 4797 standard
- With ground joint and Penny Head glass stopper

Item Code	Capacity (ml)	Socket Size	Height (mm)	Approx Dia (mm)	Pack of
076.276.01	25	14/23	70	42	2
076.276.02	50	19/26	85	51	2
076.276.01A	100	24/29	100	64	2
076.276.01	100	29/32	100	64	2
076.276.04B	250	29/32	140	85	2
076.276.05	500	24/29	175	105	2
076.276.05B	500	29/32	175	105	2
076.276.06	1000	29/32	220	131	2
076.276.07	2000	29/32	270	166	1



ENQUIRE



Flask



With Hollow Glass Stopper

Item Code	Capacity (ml)	Socket Size	Height (mm)	Approx Dia (mm)	Pack of
076.202.01A	100	24/29	64	100	2
076.202.01	100	29/32	64	100	2
076.202.02	250	29/32	85	140	2
076.202.03A	500	24/29	105	175	2
076.202.03	500	29/32	105	175	2
076.202.04	1000	29/32	131	220	2
076.202.05	2000	29/32	166	270	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



Flask, Conical (Erlenmeyer) with Screw Cap

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- With autoclavable PP screw cap and PTFE Liner

Item Code	Capacity (ml)	Thread Size	Dia (mm)	Pack of
075.202.01	50	GL 25	51	2
075.202.02	100	GL 25	64	2
075.202.03	150	GL 25	72	2
075.207.04	250	GL 45	85	2
075.207.05	500	GL 45	105	2
075.207.06	1000	GL 45	131	2
075.207.07	2000	GL 45	166	2
075.207.10	5000	GL 45	220	2

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

SCREW
THREAD



ENQUIRE

Flask, Conical (Erlenmeyer), Amber with narrow mouth

- Complies with ISO 4797
- Made from heat resistant Boro 3.3 glass
- With Interchangeable Stopper
- Suitable for mixing of liquids
- Amber coated external surface to prevent contamination with testing material, and protect light-sensitive chemicals from UV and visible light
- with a glass stopper

Item Code	Capacity (ml)	Interchangeable Joint	Pack of
076.502.00	25	14/23	2
076.502.01	50	19/26	2
076.502.02	100	24/29	2
076.502.03	250	24/29	2
076.502.04	500	24/29	2

3.3
BORO
GLASS



ENQUIRE



Flask, Culture, Baffled, Heavy Wall, with Membrane Cap

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Ideal for preparing cell cultures
- The four equidistant baffles provide consistent agitation when used with compatible orbital shakers
- Suitable for repetitive autoclaving cycles at 121°C

Item Code	Capacity (ml)	Bulb Dia (mm)	Height (mm)	Thread GL Size (mm)	Pack of
075.212.04	250	85	150	45	2
075.212.05	500	105	185	45	2
075.212.06	1000	131	225	45	2
075.212.07	2000	160	290	45	1

3.3
BORO
GLASS



121°C



ENQUIRE



Flask



Flask, Conical

- Made of Polypropylene
- Are Rigid, Translucent & Autoclavable
- Screw cap keeps the contents of flask contamination Free and leakproof

Item Code	Capacity (ml)	Pack of
111.303.01	100	12
111.303.02	250	12
111.303.03	500	12



ENQUIRE

Threads should be disengaged before autoclaving



Flask, Culture, Haffkin

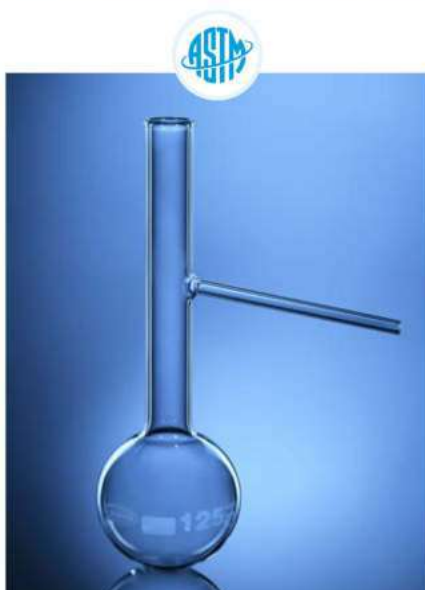
- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Used for Preparation of Culture in Nutrient Media
- Suitable for use in Polenske Apparatus
- Complies with IS 7183 Standard

Item Code	Capacity (ml)	Approx O.D. x Height	Pack of
235.207.07	3000*	245x280	1
235.207.08	4000	246x310	1



ENQUIRE

* 3000 ml not covered in standards



Flask, Distillation

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Complies with ASTM E-133, ASTM D-86, D-233, D-801, D 802 & E 1405 standards

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Side Dia (mm)	Arm Length	Pack of
073.202.03*	100	65	215	7	100	2
073.205.01	125	68	215	7	100	2
073.202.04	250	85	226	9	130	2
073.202.05*	500	105	240	9	130	2



ENQUIRE

* Non ASTM

Flask, Distillation

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Complies with ASTM D-86 standards
- With 19/26 Joint

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Side Dia (mm)	Arm Length	Pack of
073.206.01	125	68	215	8	100	2

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



Flask, Evaporating

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Used in Rotary Evaporator

Item Code	Capacity (ml)	Socket Size	Height (mm)	Pack of
069.202.01	50	29/32	95	10
069.202.02	100	24/29	110	10
069.202.03	100	29/32	110	10
069.202.04	250	24/29	135	10
069.202.05	250	29/32	135	10
069.202.06	500	24/29	160	10
069.202.07	500	29/32	160	10
069.202.08	1000	24/29	190	10
069.202.09	1000	29/32	190	10
069.202.10	2000	29/32	235	6

ASTM Sizes

Item Code	Capacity (ml)	Socket Size	Height (mm)	Pack of
069.470.02	10	14/20	60	1
069.470.04	25	14/20	80	1
069.470.06	25	24/40	100	1
069.470.07	50	14/20	95	1
069.470.08	50	19/22	95	1
069.470.09	50	24/40	104	1
069.470.10	100	14/20	107	1
069.470.12	100	24/40	130	1
069.470.16	200	24/40	135	1
069.470.18	250	14/20	136	1
069.470.20	250	24/40	156	1
069.470.22	500	24/40	175	1
069.470.24	1000	24/40	205	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



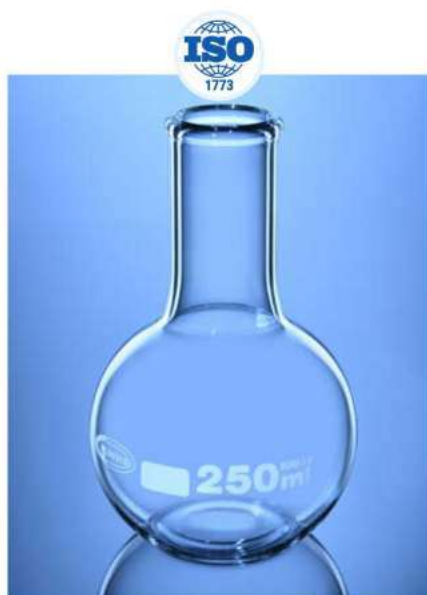
ENQUIRE



ENQUIRE



Flask



Flask, Flat Bottom With Narrow Neck

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- With beaded rim
- Complies with DIN/ISO 1773

Item Code	Capacity (ml)	Body Dia (mm)	Neck Dia (mm)	Height (mm)	Pack of
235.202.01	50	51	26	90	10
235.202.02	100	64	26	106	10
235.204.02*	150	74	28	115	10
235.202.03	250	85	34	138	10
235.204.03*	300	93	34	143	10
235.202.04	500	105	34	163	10
235.202.05	1000	131	42	190	10
235.202.06	2000	166	50	230	6
235.202.07*	3000	185	50	250	1
235.202.08*	5000	233	50	290	1
235.202.09	10000	280	65	360	1
235.202.10*	20000	350	75	495	1

3.3
BORO
GLASS

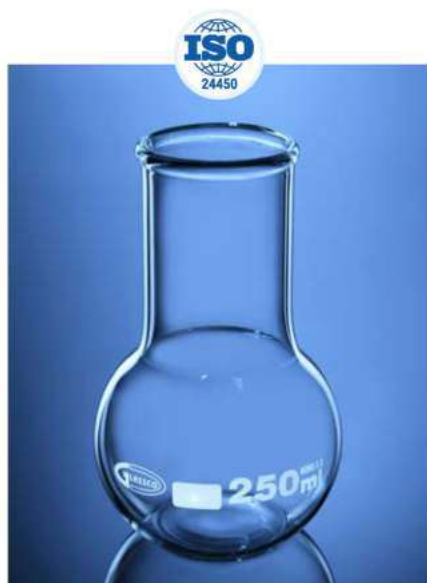
WHITE
PRINTING

Chemical
Resistant



ENQUIRE

*Non DIN



Flask, Flat Bottom with Wide Neck

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- With beaded rim
- Complies with DIN/ISO 24450

Item Code	Capacity (ml)	Body Dia (mm)	Neck Dia (mm)	Height (mm)	Pack of
236.202.01	50	51	34	90	10
236.202.02	100	64	34	105	10
236.202.03	250	85	50	138	10
236.202.04	500	105	50	163	10
236.202.05	1000	131	50	190	10
236.202.06	2000	166	76	230	6

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE

Flask, Boiling, Flat Bottom, with Joint

• Complies with DIN / ISO 4797 and USP standard

Item Code	Capacity (ml)	Socket Size	Height (mm)	Approx Dia (mm)	Pack of
058.202.00*	50	14/23	85	51	10
058.202.01	50	19/26	85	51	10
058.202.02*	50	24/29	85	51	10
058.202.02A	50	29/32	85	51	10
058.202.03B*	100	14/23	103	64	10
058.202.03	100	19/26	103	64	10
058.202.04*	100	24/29	103	64	10
058.202.05	100	29/32	103	64	10
058.202.07*	150	19/26	115	74	10
058.202.08*	150	24/29	115	74	10
058.202.09*	150	29/32	115	74	10
058.202.11A*	250	14/23	130	85	10
058.202.11	250	19/26	130	85	10
058.202.12	250	24/29	130	85	10
058.202.13	250	29/32	130	85	10
058.202.14*	250	34/35	130	85	10
058.202.15*	500	19/26	160	105	10
058.202.16*	500	24/29	160	105	10
058.202.17	500	29/32	160	105	10
058.202.18*	500	34/35	160	105	10
058.202.19A*	1000	19/26	187	131	10
058.202.19*	1000	24/29	187	131	10
058.202.20	1000	29/32	187	131	10
058.202.21*	1000	34/35	187	131	10
058.202.22*	2000	24/29	230	166	6
058.202.23	2000	29/32	230	166	6
058.202.24*	2000	34/35	230	166	6
058.202.25*	3000	29/32	250	185	1
058.202.25A*	3000	34/35	250	185	1
058.202.25B*	3000	45/40	250	185	1
058.202.26B*	5000	29/32	290	223	1
058.202.26A*	5000	34/35	290	223	1
058.202.26*	5000	45/40	290	223	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE

Flask, Boiling, Flat Bottom with Joint

• These Flasks comes with Ground Joint manufactured as per ASTM E-1403 type 1 specifications.

• The Flasks are printed in durable white colour enamel

Item Code	Capacity (ml)	Socket Size	Height (mm)	Approx Dia (mm)	Pack of
058.202.56	50	24/40	95	51	2
058.202.58	100	24/40	110	64	2
058.202.58A	125	24/40	110	69	2
058.202.58C	200	24/40	123	75	2
058.202.59	250	24/40	130	85	2
058.202.59A	300	24/40	140	88	2
058.202.60	500	24/40	160	105	2
058.470.23	1000	24/40	178	131	1
058.202.61	1000	24/40	205	131	1
058.202.62	2000	24/40	178	166	1
058.202.65	5000	24/40			1

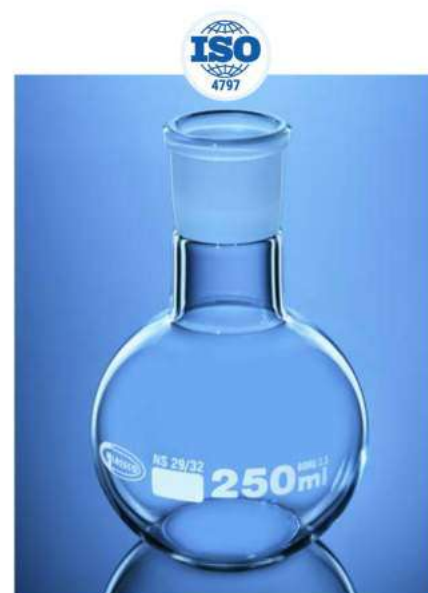
3.3
BORO
GLASS

WHITE
PRINTING

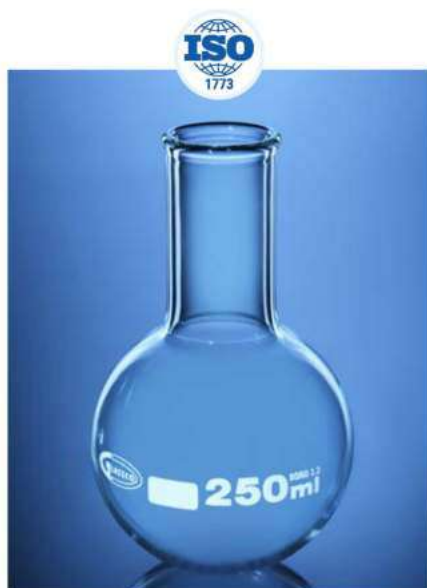
Chemical
Resistant



ENQUIRE



Flask



Flask, Boiling, Round Bottom with Narrow Neck

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Complies with ISO 1773 standard
- With beaded rim

Item Code	Capacity (ml)	Body Dia (mm)	Neck Dia (mm)	Height (mm)	Pack of
233.202.01	50	51	26	95	10
233.202.02	100	64	26	110	10
233.203.02*	150	74	28	118	10
233.202.03	250	85	34	143	10
233.202.04	500	105	34	168	10
233.202.05	1000	131	42	200	10
233.202.06	2000	166	50	240	6
233.202.07*	3000	185	50	260	1
233.202.08*	5000	223	50	305	1
233.202.09	10000	279	65	380	1
233.202.10*	20000	350	75	510	1

3.3
BORO
GLASS

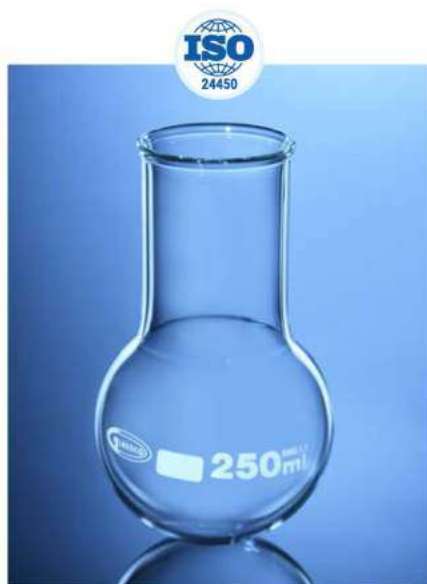
WHITE
PRINTING

Chemical
Resistant



ENQUIRE

*Non DIN



Flask, Boiling, Round Bottom with Wide Neck

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Complies with ISO 24450 standard
- With beaded rim

Item Code	Capacity (ml)	Body Dia (mm)	Neck Dia (mm)	Height (mm)	Pack of
234.202.01	50	51	34	95	10
234.202.02	100	64	34	110	10
234.202.03	250	85	50	143	10
234.202.04	500	105	50	168	10
234.202.05	1000	131	50	200	10
234.202.07	2000	166	76	240	6

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE

Flask, Boiling, Round Bottom, Single Neck with Joint

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Complies with DIN / ISO 4797 & USP standards

Item Code	Capacity (ml)	Socket Size	Height (mm)	Approx Dia (mm)	Pack of
057.202.05	25	14/23	85	41	10
057.202.06*	25	19/26	85	41	10
057.202.07*	25	24/29	85	41	10
057.202.08	50	14/23	90	51	10
057.202.09	50	19/26	90	51	10
057.202.10	50	24/29	90	51	10
057.202.10A	50	29/32	90	51	10
057.202.11	100	14/23	105	64	10
057.202.12	100	19/26	105	64	10
057.202.13	100	24/29	105	64	10
057.202.14	100	29/32	105	64	10
057.202.16*	150	19/26	137	75	10
057.202.17*	150	24/29	137	75	10
057.202.18*	150	29/32	137	75	10
057.202.20*	250	14/23	140	85	10
057.202.21	250	19/26	140	85	10
057.202.22	250	24/29	140	85	10
057.202.23	250	29/32	140	85	10
057.202.24*	250	34/35	140	85	10
057.202.25*	500	19/26	163	105	10
057.202.26	500	24/29	163	105	10
057.202.27	500	29/32	163	105	10
057.202.28*	500	34/35	163	105	10
057.202.29*	1000	19/26	200	131	10
057.202.30	1000	24/29	200	131	10
057.202.31	1000	29/32	200	131	10
057.202.32*	1000	34/35	200	131	10
057.202.33	2000	24/29	240	165	6
057.202.34	2000	29/32	240	165	6
057.202.35*	2000	34/35	240	165	6
057.202.36A*	3000	24/29	260	185	1
057.202.36*	3000	29/32	260	185	1
057.202.37*	3000	45/40	260	185	1
057.202.40A*	5000	24/29	305	223	1
057.202.40*	5000	29/32	305	223	1
057.202.40B*	5000	34/35	305	223	1
057.202.41*	5000	45/40	305	223	1
057.202.44*	10000	29/32	380	279	1
057.202.45A*	10000	34/35	380	279	1
057.202.45	10000	45/40	380	279	1
057.202.45B*	10000	55/44	380	279	1
057.202.47B*	20000	55/44	435	345	1



3.3
BORO
GLASS

WHITE
PRINTING

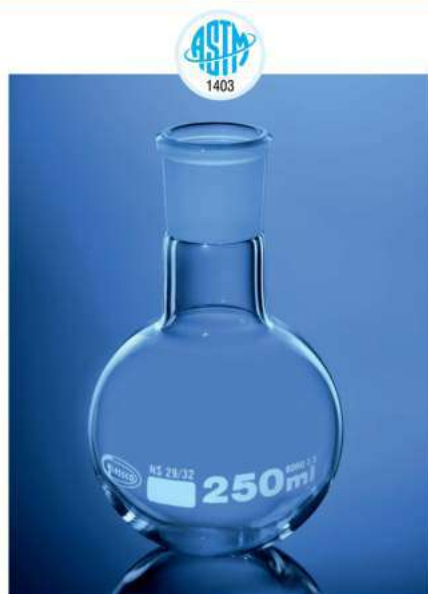
Chemical
Resistant



ENQUIRE

*Non DIN

Flask



Flask, Round Bottom, Single Neck with Joint

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- With Ground Joint manufactured as per ASTM E-1403 type 1 specifications
- The Flasks are printed in durable white colour enamel

Item Code	Capacity (ml)	Socket Size (mm)	Height (mm)	Dia (mm)	Pack of
057.202.57	50	24/40	100	51	2
057.202.58	100	24/40	118	64	2
057.202.58A	200	24/40	128	75	2
057.202.59	250	24/40	140	85	2
057.202.59A	300	24/40	148	88	2
057.202.60	500	24/40	158	105	2
057.202.61	1000	24/40	185	130	1
057.202.62	2000	24/40	215	165	1
057.202.63	3000	24/40	-	-	-
057.470.55B	25	24/40	90	41	2
057.470.09	50	19/22	80	51	2
057.470.11	100	14/20	100	64	2
057.470.12	100	19/22	100	64	2
057.470.20	250	14/20	120	85	2
057.470.21	250	19/22	120	85	2
057.470.25	10	14/20	59	31	2
057.470.25A	500	19/22	140	105	2
057.470.53	10	14/20	59	31	2
057.470.53A	10	19/22	59	31	2
057.470.55	25	14/20	75	41	2
057.470.55A	25	19/22	75	41	2
057.470.52	5	14/20	46	25	2

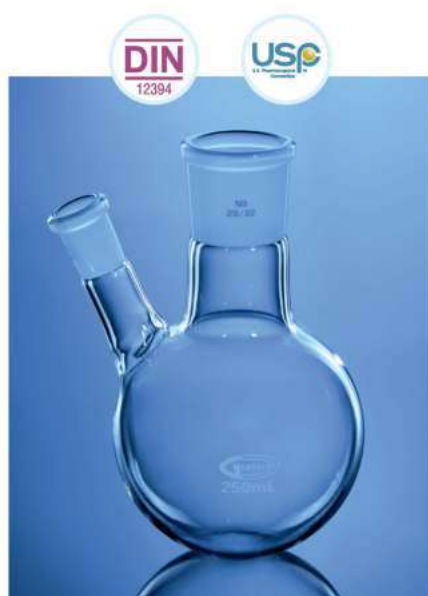
3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



Flask, Round Bottom with 2 Angular Necks

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Designed from DIN 12394 & USP standards

Item Code	Capacity (ml)	Socket Size (mm)	Side Socket	Height (mm)	Pack of
059.202.01*	50	24/29	14/23	92	1
059.202.02*	50	29/32	14/23	92	1
059.202.03*	100	24/29	14/23	107	1
059.202.04*	100	24/29	19/26	107	1
059.202.05*	100	29/32	14/23	107	1
059.202.06*	250	24/29	14/23	142	1
059.202.07*	250	24/29	19/26	142	1
059.202.08	250	29/32	14/23	142	1
059.202.09*	500	24/29	14/23	165	1
059.202.10*	500	24/29	19/26	165	1
059.202.11	500	29/32	14/23	165	1
059.202.12*	1000	24/29	14/23	203	1
059.202.13*	1000	24/29	19/26	203	1
059.202.14	1000	29/32	14/23	203	1
059.202.15A*	2000	24/29	19/26	243	1
059.202.15*	2000	34/35	19/26	243	1
059.202.20*	3000	34/35	19/26	260	1
059.202.20A*	3000	34/35	24/29	260	1
059.202.24*	5000	34/35	19/26	305	1
059.202.24A*	5000	34/35	24/29	305	1
059.202.28*	10000	34/35	24/29	380	1
059.202.29*	10000	55/44	24/29	380	1
059.202.30*	20000	55/44	24/29	435	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

2 NECK
ANGULAR



ENQUIRE

*Non DIN | These flasks can also be provided in other joint sizes

Flask, Round Bottom with 2 Angular Necks

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Round bottom flask with ASTM joint sizes

Item Code	Capacity (ml)	Socket Size (mm)	Side Socket	Pack of
059.470.00	50	14/20	14/20	1
059.470.00A	25	14/20	14/20	1
059.470.03	100	14/20	14/20	1
059.470.05A	100	24/40	24/40	1
059.470.08	250	24/40	24/40	1
059.470.10	500	24/40	24/40	1
059.470.15	1000	24/40	24/40	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

2 NECK
ANGULAR



ENQUIRE



Flask, Round Bottom with 2 Parallel Necks

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Designed from DIN 12392 & ISO 4797 standard

Item Code	Capacity (ml)	Socket Size (mm)	Side Socket	Height (mm)	Pack of
059.212.00	50	24/29	14/23	90	1
059.212.00A	50	29/32	14/23	90	1
059.212.01*	100	24/29	14/23	105	1
059.212.01A*	100	24/29	19/26	105	1
059.212.01B*	100	29/32	14/23	105	1
059.212.02*	250	24/29	14/23	140	1
059.212.02A*	250	24/29	19/26	140	1
059.212.02B	250	29/32	14/23	140	1
059.212.03*	500	24/29	14/23	163	1
059.212.03A*	500	24/29	19/26	163	1
059.212.03B	500	29/32	14/23	163	1
059.212.04*	1000	24/29	14/23	200	1
059.212.04A*	1000	24/29	19/26	200	1
059.212.04B	1000	29/32	14/23	200	1
059.212.05*	2000	24/29	19/26	240	1
059.212.05A*	2000	34/35	19/26	240	1
059.212.06*	3000	34/35	19/26	260	1
059.212.06A*	3000	34/35	24/29	260	1
059.212.07*	5000	34/35	19/26	305	1
059.212.07A*	5000	34/35	24/29	305	1
059.212.08*	10000	34/35	24/29	380	1
059.212.08A*	10000	55/44	24/29	380	1
059.212.09*	20000	55/44	24/29	435	1

3.3
BORO
GLASS

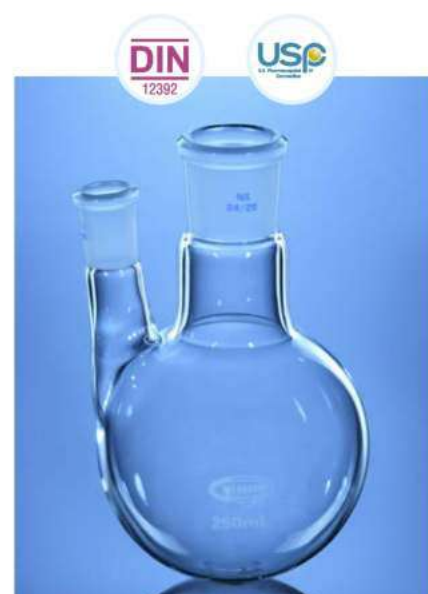
WHITE
PRINTING

Chemical
Resistant

2 NECK
ANGULAR

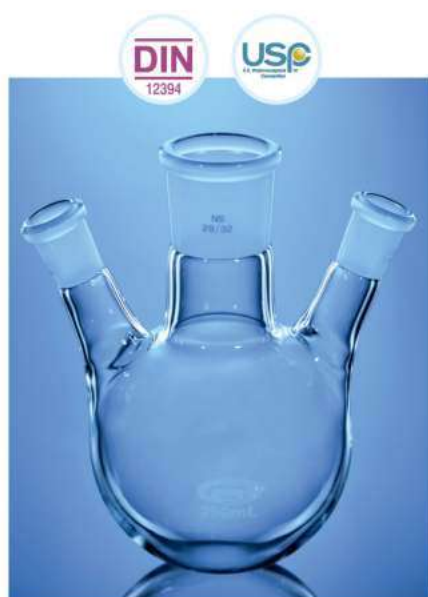


ENQUIRE



*Non DIN

Flask



Flask, Round Bottom with 3 Angular Necks

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Complies with DIN 12394 standard

Item Code	Capacity (ml)	Centre Socket Size	Side Socket Size	Height (mm)	Pack of
060.202.01*	100	19/26	14/23	105	1
060.202.02*	100	24/29	14/23	105	1
060.202.03*	100	24/29	19/26	105	1
060.202.02A*	100	14/23	14/23	105	1
060.202.03A*	100	29/32	14/23	105	1
060.202.04*	250	19/26	19/26	140	1
060.202.04A*	250	19/26	14/23	140	1
060.202.05*	250	24/29	14/23	140	1
060.202.06*	250	24/29	19/26	140	1
060.202.07	250	29/32	14/23	140	1
060.202.08	250	29/32	19/26	140	1
060.202.08A*	250	29/32	29/32	140	1
060.202.09*	500	24/29	14/23	163	1
060.202.10*	500	24/29	19/26	163	1
060.202.11	1000	24/29	14/23	200	1
060.202.12	500	29/32	14/23	163	1
060.202.12A*	500	29/32	19/26	163	1
060.202.13*	500	29/32	29/32	163	1
060.202.14*	1000	24/29	19/26	200	1
060.202.15	1000	29/32	14/23	200	1
060.202.16	1000	29/32	19/26	200	1
060.202.17*	1000	29/32	29/32	200	1
060.202.18*	2000	24/29	19/26	240	1
060.202.19*	2000	29/32	24/29	240	1
060.202.20*	2000	29/32	29/32	240	1
060.202.26*	3000	34/35	19/26	260	1
060.202.26A*	3000	34/35	24/29	260	1
060.202.29B*	5000	34/35	19/26	305	1
060.202.29*	5000	34/35	24/29	305	1
060.202.32*	10000	34/35	24/29	380	1
060.202.33*	10000	45/40	24/29	380	1
060.202.34*	20000	55/44	24/29	435	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

3 NECK
ANGULAR



ENQUIRE

*Non DIN

ASTM Sizes

Item Code	Capacity (ml)	Socket Size	Side Socket	Pack of
060.470.00	25	14/20	14/20	1
060.470.00A	50	14/20	14/20	1
060.470.01	100	14/20	14/20	1
060.470.01A	100	19/22	19/22	1
060.470.03	100	24/40	19/22	1
060.470.03A	100	24/40	24/40	1
060.470.04	250	14/20	14/20	1
060.470.04A	250	19/22	19/22	1
060.470.08A	250	24/40	24/40	1
060.470.09	500	24/40	24/40	1
060.470.10	500	19/22	19/22	1
060.470.19	1000	24/40	24/40	1

These flasks can also be provided in other joint sizes

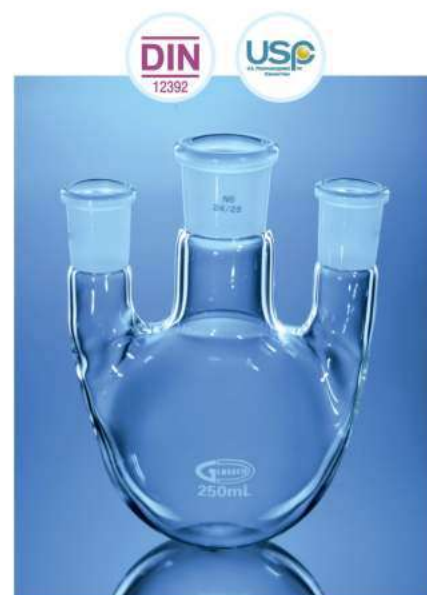


ENQUIRE

Flask, Round Bottom with 3 Parallel Neck

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Designed from DIN 12392 standard

Item Code	Capacity (ml)	Centre Socket Size	Side Socket Size	Height (mm)	Pack of
061.202.00A*	100	19/26	14/23	105	1
061.202.00*	100	14/23	14/23	105	1
061.202.00B*	100	24/29	14/23	105	1
061.202.00C*	100	24/29	19/26	105	1
061.202.01*	250	24/29	19/26	140	1
061.202.01A*	250	19/26	19/26	140	1
061.202.02	250	29/32	14/23	140	1
061.202.02A*	250	29/32	29/32	140	1
061.202.03*	500	24/29	19/26	163	1
061.202.03A*	500	19/26	19/26	163	1
061.202.04*	500	29/32	14/23	163	1
061.202.05	500	29/32	19/26	163	1
061.202.05A	500	29/32	29/32	163	1
061.202.06*	1000	24/29	19/26	200	1
061.202.07*	1000	29/32	14/23	200	1
061.202.08*	1000	29/32	19/26	200	1
061.202.09*	1000	29/32	24/29	200	1
061.202.10	1000	29/32	29/32	200	1
061.202.11	2000	24/29	19/26	240	1
061.202.12*	2000	29/32	19/26	240	1
061.202.13	2000	29/32	29/32	240	1
061.202.14*	2000	34/35	19/26	240	1
061.202.15*	2000	34/35	24/29	240	1
061.202.17*	3000	34/35	19/26	260	1
061.202.18*	3000	34/35	24/29	260	1
061.202.19A*	5000	34/35	19/26	305	1
061.202.19*	5000	34/35	24/29	305	1
061.202.26*	10000	34/35	24/29	380	1
061.202.26A*	10000	45/40	24/29	380	1
061.202.27*	20000	55/44	24/29	435	1



3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

3 NECK
ANGULAR



ENQUIRE

*Non DIN | All 2 Neck & 3 Neck Flasks can be provided in ASTM joint sizes on request

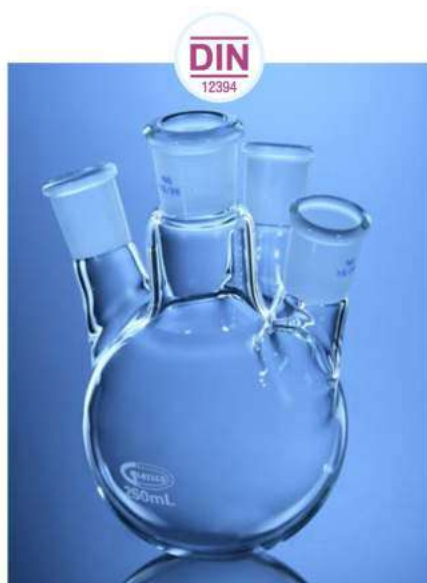
ASTM Sizes

Item Code	Capacity (ml)	Socket Size	Side Socket	Pack of
061.470.00	100	14/20	14/20	1
061.470.00A	100	24/40	24/40	1
061.402.06	250	24/40	24/40	1
061.402.09	500	24/40	24/40	1
061.470.05A	500	29/42	29/42	1
061.402.12	1000	24/40	24/40	1
061.470.10	1000	29/42	29/42	1
061.402.15	2000	24/40	24/40	1

These flasks can also be provided in other joint sizes



ENQUIRE



Flask, Round Bottom with 4 Angular Necks

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Designed from DIN 12394 standard
- Centre Neck & Three Angled Side Necks
- With Interchangeable Joints

Item Code	Capacity (ml)	Centre Neck	Side Neck	Pack of
060.240.00*	50	24/29	24/29	1
060.240.01*	100	19/26	14/23	1
060.240.02*	100	24/29	14/23	1
060.240.02A*	100	14/23	14/23	1
060.240.03*	100	24/29	19/26	1
060.240.03A*	100	29/32	14/23	1
060.240.04*	250	19/26	19/26	1
060.240.04A*	250	19/26	14/23	1
060.240.05*	250	24/29	14/23	1
060.240.06	250	24/29	19/26	1
060.240.07	250	29/32	14/23	1
060.240.08	250	29/32	19/26	1
060.240.08A*	250	29/32	29/32	1
060.240.09*	500	24/29	14/23	1
060.240.10*	500	24/29	19/26	1
060.240.10A*	500	24/29	24/29	1
060.240.11	500	29/32	14/23	1
060.240.12	500	29/32	19/26	1
060.240.12A*	500	29/32	29/32	1
060.240.12B*	500	34/35	24/29	1
060.240.13*	1000	24/29	14/23	1
060.240.14*	1000	24/29	19/26	1
060.240.14A*	1000	24/29	24/29	1
060.240.15	1000	29/32	14/23	1
060.240.16	1000	29/32	19/26	1
060.240.17*	1000	29/32	29/32	1
060.240.17A*	1000	34/35	24/29	1
060.240.18*	2000	24/29	19/26	1
060.240.18A*	2000	24/29	14/23	1
060.240.19*	2000	29/32	24/29	1
060.240.20*	2000	29/32	29/32	1
060.240.20A*	2000	34/35	19/26	1
060.240.20B*	2000	34/35	24/29	1
060.240.26*	3000	34/35	19/26	1
060.240.26A*	3000	34/35	24/29	1
060.240.29*	5000	34/35	24/29	1
060.240.29B*	5000	34/35	19/26	1
060.240.32*	10000	34/35	24/29	1
060.240.33*	10000	45/40	24/29	1
060.240.33A*	10000	55/44	24/29	1
060.240.34*	20000	55/44	24/29	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

4 NECK
ANGULAR



ENQUIRE

*Non DIN

All 4 Neck flasks can also be provided in ASTM joint sizes on request

These flasks can also be provided in other joint sizes

Flask, Round Bottom with 4 Parallel Necks

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Complies with DIN 12392 standard
- Centre Neck & Three Parallel Side Necks
- With Interchangeable Joints

Item Code	Capacity (ml)	Centre Neck	Side Neck	Pack of
061.240.00*	50	24/29	24/29	1
061.240.00B*	100	24/29	14/23	1
061.240.00BA*	100	24/29	19/26	1
061.240.01*	250	24/29	19/26	1
061.240.01A*	250	19/26	19/26	1
061.240.01B*	250	24/29	14/23	1
061.240.02*	250	29/32	14/23	1
061.240.02A*	250	29/32	29/32	1
061.240.03*	500	24/29	19/26	1
061.240.03A*	500	19/26	19/26	1
061.240.03B*	500	24/29	24/29	1
061.240.03C*	500	24/29	14/23	1
061.240.04*	500	29/32	14/23	1
061.240.05	500	29/32	19/26	1
061.240.05A	500	29/32	29/32	1
061.240.05B*	500	34/35	24/29	1
061.240.06*	1000	24/29	19/26	1
061.240.06A*	1000	24/29	14/23	1
061.240.06B*	1000	24/29	24/29	1
061.240.07*	1000	29/32	14/23	1
061.240.08*	1000	29/32	19/26	1
061.240.09*	1000	29/32	24/29	1
061.240.10	1000	29/32	29/32	1
061.240.10A*	1000	34/35	24/29	1
061.240.10B	1000	45/40	29/32	1
061.240.11*	2000	24/29	19/26	1
061.240.11A*	2000	24/29	14/23	1
061.240.12*	2000	29/32	19/26	1
061.240.13	2000	29/32	29/32	1
061.240.14*	2000	34/35	19/26	1
061.240.15*	2000	34/35	24/29	1
061.240.15B	2000	45/40	29/32	1
061.240.16B*	3000	29/32	29/32	1
061.240.17*	3000	34/35	19/26	1
061.240.18*	3000	34/35	24/29	1
061.240.18B*	3000	45/40	29/32	1
061.240.19A*	5000	34/35	19/26	1
061.240.19*	5000	34/35	24/29	1
061.240.26*	10000	34/35	24/29	1
061.240.26A*	10000	55/44	24/29	1
061.240.26B*	10000	45/40	24/29	1
061.240.27*	20000	55/44	24/29	1



3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

4 NECK
PARALLEL



ENQUIRE

*Non DIN

All 4 Neck flasks can also be provided in ASTM joint sizes on request

Flask



Flask, Reaction (Vessel)

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Wide Mouth
- With Flat Flange, 100mm ID, 150mm OD

Item Code	Capacity (ml)	Approx Height (mm)	Pack of
078.202.01	1000	170	1
078.202.02	2000	205	1
078.202.04	5000	260	1
078.202.05	10000	335	1
078.202.06	20000	400	1

3.3
BORO
GLASS



ENQUIRE



Lids for Reaction Flask

- Flat Flange and Interchangeable Joint
- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass

Item Code	Centre Joint Size	Parallel Joint Size	Side 5° Joint Size	Side 10° Joint Size	Side 15° Joint Size	Pack of
079.202.01	19/26	19/26	24/29	19/26	-	1
079.202.02	14/23	14/23	14/23	14/23	29/32	1
079.202.03	14/23	14/23	14/23	14/23	29/32	1

Item Code	Capacity (ml)	Dia (mm)	Approx Height (mm)	Pack of
079.212.03	500	95	178	1
079.212.04	1000	108	178	1
079.212.05	2000	140	200	1
079.212.06	4000	140	345	1

3.3
BORO
GLASS



ENQUIRE



ENQUIRE



Stainless steel clips for Reaction Flask

- With wing nuts holding 100mm flat flanges

Item Code	Dia (mm)	Pack of
080.202.01	100	1



ENQUIRE

*The 500ml & 1000ml kettle have interchangeable joints comes with four opening to accommodate 24/29 interchangeable joints. Kettles 2000ml & 4000ml capacity have interchangeable comes with opening to accommodate three 24/29 interchangeable joints and one 34/35 interchangeable joints.

Flask, Pear shape

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Used for Semi Micro Distillation Manufacturing
- Designed from DIN 12383 standard

Item Code	Capacity (ml)	Socket Size	Approx. Dia (mm)	Approx. Overall Height (mm)	Pack of
062.202.06*	25	14/23	42	90	10
062.202.07	50	14/23	51	100	10
062.202.09	100	14/23	64	130	10

3.3
BORO
GLASS



* Non DIN



ENQUIRE



Flask Pear Shape with Single Neck

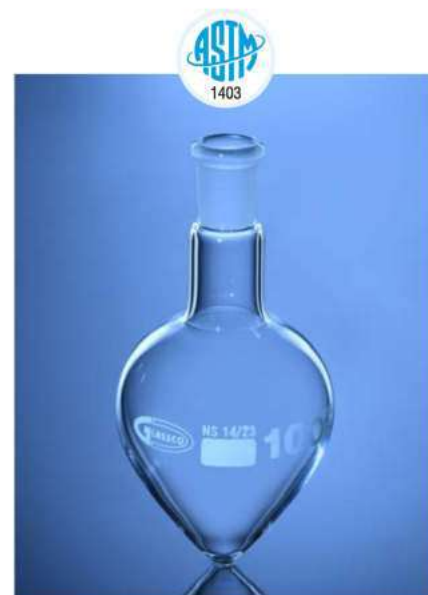
- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Complies with ASTM E-1403 Standard

Item Code	Capacity (ml)	Socket Size	Pack of
062.470.06	25	14/20	1
062.470.07	50	14/20	1
062.470.07A	50	24/40	1
062.470.09	100	14/20	1
062.470.11	100	24/40	1
062.470.12	200	14/20	1

3.3
BORO
GLASS



ENQUIRE



Flask, Pear shape with Two Neck

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Side neck at 25° angle

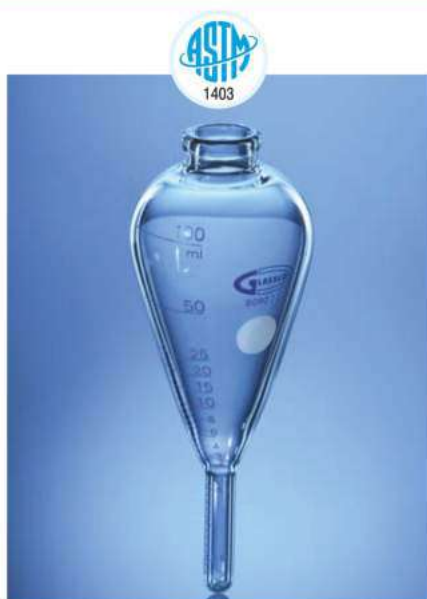
Item Code	Capacity (ml)	Centre Size	Side Socket	Approx. Overall Height (mm)	Pack of
063.202.01	50	14/23	14/23	100	1
063.202.02	100	14/23	14/23	130	1

3.3
BORO
GLASS



ENQUIRE





Flask Pear Shape Centrifuge Tube

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Complies with ASTM E-1403 Standard

Item Code	Capacity (ml)	Pack of
150.088.03	100	1

3.3
BORO
GLASS



ENQUIRE



Arsenic Determination Apparatus as per USP

Item Code	Pack of
345.202.01	1



ENQUIRE



Arsenic Determination Apparatus as per IS

Item Code	Pack of
345.207.01	1

IS



ENQUIRE

Tilt Measure

- Made from chemical resistant Boro 3.3 tubing
- Ideal for dispensing fixed volume of liquid
- Easy to use
- Tilt the unit backward to fill
- Tilt the unit forward to dispense

Item Code	Capacity (ml)	Flask Capacity (ml)	N/S	Pack of
071.252.13	5	100	24/29	5
071.252.19A	10	250	24/29	5
071.252.19B	20	250	24/29	10
071.252.19C	25	250	24/29	10
071.252.19D	50	250	24/29	10

3.3
BORO
GLASS



*Also Available in 29/32 Joint size



ENQUIRE



Flask Reaction With Glass Stopcock

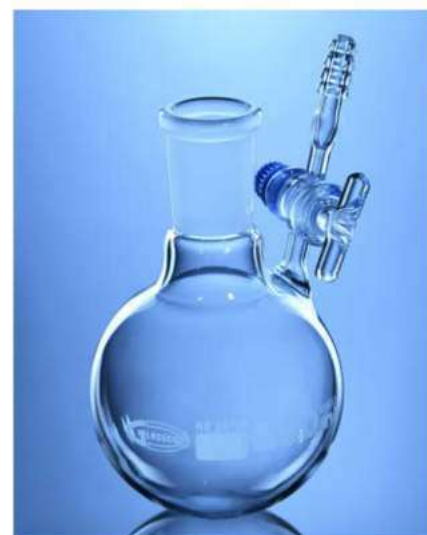
- With 2mm glass stopcock

Item Code	Capacity (ml)	Socket Size	Pack of
059.468.01	50	14/20	1
059.468.07	100	24/40	1

3.3
BORO
GLASS



ENQUIRE



Flask



Flask, Kjeldahl

- Complies with DIN 12360 standard
- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Suitable for determination of Nitrogen

Item Code	Capacity (ml)	D.(mm)	H.(mm)	Pack of
077.202.01	100	60	200	2
077.202.02*	300	85	295	2
077.202.03	500	101	300	2
077.202.04*	800	117	340	2

3.3
BORO
GLASS



* Non DIN



ENQUIRE



Flask, Kjeldahl

- Made from heat resistant ASTM E-438 Type 1, Boro 3.3 glass
- Used for the Determination of Nitrogen

Item Code	Capacity (ml)	Socket Size	Approx. Overall Height (mm)	Pack of
070.202.01	50	19/26	200	2
070.202.02	100	19/26	200	2
070.202.03	100	24/29	200	2
070.202.04*	300	24/29	295	2
070.202.05	500	24/29	300	2
070.202.06*	800	24/29	340	2

3.3
BORO
GLASS



* Non DIN



ENQUIRE



Flask, Brush

- Made of Nylon Bristles

Item Code	Type	Material of Bristle	Pack of
593.303.04	Flask Brush	Nylon	50



ENQUIRE

Flask, Tong, Euro Design

- Available in Silicon Sleeve and fibre Glass yarn to resist direct flame
- Hold Flask upto 2 Litres (60 mm OD).
- Made of Stainless Steel

Item Code	Length (mm)	Type	Max. Temp	Pack of
396.303.05	250	Glass Fibre	500°C	4
396.303.06	300	Glass Fibre	500°C	4
396.303.07	250	Sillicon	280°C	4
396.303.08	300	Sillicon	280°C	4

SS | EU | Glass Yarn



ENQUIRE



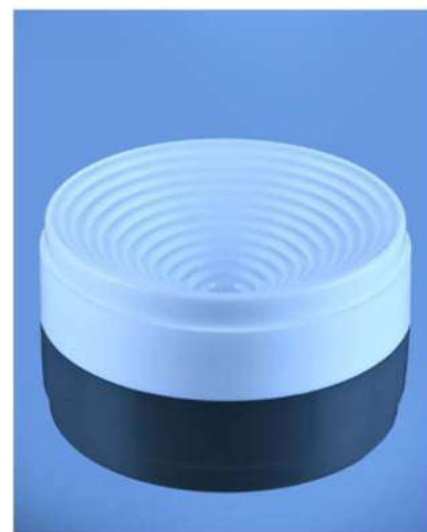
Flask, Stand

- Gives stair like top view
- Every step provides excellent support to the round bottom flask
- Can hold round bottom Flasks up to 10 Ltr. capacity
- PP is Autoclavable

Item Code	Item	Material	Pack of
115.303.01	Flask Stand	Polypropylene	6
417.303.01	Flask Stand	Silicon	2



ENQUIRE



Flask, Hand Grip

- Made of silicon
- Can withstand temp. upto 250°C

Item Code	Pack of
418.303.01	1

Si



ENQUIRE



THE HEART OF ACCURATE MEASUREMENTS



QR-LabGlass™ Smart Flask is the only Volumetric flask that makes the whole work of calibration certificate storing process sound simple. With its uniquely etched QR code, the **QR-LabGlass™** Smart Flask is the world's first traceable glassware. Its premium quality material with lifetime embossed identity helps in attaining compliance when in collaboration with a robust quality system like **CaliberLIMS**

CaliberLIMS is a dynamic quality system that ensures digitalization and automation of complete laboratory. **CaliberLIMS** Glassware Module makes life easy for the QC. With **CaliberLIMS** Glassware Module, QC can easily find details about

- Glassware type
- Glassware registration
- Glassware lot
- Glassware lot acceptance
- Glassware issuance
- Glassware usage
- Breakage

QR-LabGlass™ Smart Flask in collaboration with **CaliberLIMS** Glassware Module helps you Present required certificates easily during compliance audits

- Retrieve individual **QR-LabGlass™** Smart Flask certificates any time during analysis
- Check and trace the frequency of usage of any **QR-LabGlass™** Smart Flask
- Control the usage of specific and appropriate glassware with system alerts and pop-ups
- Have all inventory reports at your finger tips
- Take action immediately with alerts on breakage, overuse, and low stock of glassware
- Get discard alerts for overuse of a specific **QR-LabGlass™** Smart Flask
- Maintain audit trail with complete and clear records Simple!

Automation and digitalization is the new normal in the Pharma industry. In the current pandemic situation, digitalization of laboratories is an essential task. With a scannable glassware like **QR-LabGlass™** Smart Flask and a dynamic quality system like **CaliberLIMS**, digitalization of laboratories is made simple.

Think Digital - Think **CaliberLIMS** in Collaboration with **QR-LabGlass™** Smart Flask

Volumetric Flask

We have now Introduced **QR Coded** Volumetric Flasks with individual work certificate, Batch Certificate can be offered on request. You Don't need to bother about going Online & Getting your lost Certificate. Just scan the QR Code & Download all the Certificates. All Flasks come with **BLUE** Marking Ring on Clear Flask & **WHITE** Marking Ring on **AMBER** Flask for better Visibility of Meniscus



ENQUIRE

Volumetric Flask, Class A

- Complies with DIN/ISO 1042 Standards
- With Individual Work Certificate and Serial Number
- QR Coded Flask
- With PE Stopper

Item Code	Capacity (ml)	N/S	Tolerance (±)	Pack of
QR.130.223.01	5	10/19	0.040	1
QR.130.223.02	10	10/19	0.040	1
QR.130.223.02A	20	10/19	0.040	1
QR.130.223.03	25	10/19	0.040	1
QR.130.223.04	50	12/21	0.060	1
QR.130.223.04B	50	14/23	0.100	1
QR.130.223.05B	100	12/21	0.100	1
QR.130.223.05	100	14/23	0.100	1
QR.130.223.06	200	14/23	0.150	1
QR.130.223.07	250	14/23	0.150	1
QR.130.223.08	500	19/26	0.250	1
QR.130.223.09	1000	24/29	0.400	1
QR.130.223.10	2000	29/32	0.600	1
QR.130.223.11	5000	34/35	1.200	1

- 3.3 BORO GLASS
- Chemical Resistant
- BLUE PRINTING
- A CLASS
- PE
- BLUE RING
- INDIVIDUAL CERTIFICATE



ENQUIRE

Trapezoidal Volumetric Flask, CLASS A, Clear Glass *New*

- Boro 3.3 glass
- With Individual Work Certificate and Serial Number
- With PE Stopper

Item Code	Capacity (ml)	N/S	Pack of
135.223.00	1	7/16	1
135.223.00B	2	7/16	1
135.223.01	5	10/19	1
135.223.02	10	10/19	1
135.223.03	20	10/19	1
135.223.04	25	10/19	1
135.223.05	50	12/21	1

- 3.3 BORO GLASS
- Chemical Resistant
- BLUE PRINTING
- A CLASS
- PE
- BLUE RING
- INDIVIDUAL CERTIFICATE

Volumetric Flasks, Class A

- Complies with DIN ISO 1042 Standards
- With Batch certificate
- With PE Stopper

Item Code	Capacity (ml)	N/S	Tolerance (±)	Pack of
130.202.01	5	10/19	0.040	2
130.202.02	10	10/19	0.040	2
130.202.02A	20	10/19	0.040	2
130.202.03	25	10/19	0.040	2
130.202.04	50	12/21	0.060	2
130.202.04B	50	14/23	0.100	2
130.202.05B	100	12/21	0.100	2
130.202.05	100	14/23	0.100	2
130.202.06	200	14/23	0.150	2
130.202.07	250	14/23	0.150	2
130.202.08	500	19/26	0.250	2
130.202.09	1000	24/29	0.400	2
130.202.10	2000	29/32	0.600	1
130.202.11	5000	34/35	1.200	1



ENQUIRE



3.3
BORO
GLASS



A
CLASS



Trapezoidal Volumetric Flask, CLASS A, Clear Glass *New*

- Boro 3.3 glass
- With Batch Certificate
- With PE Stopper

Item Code	Capacity (ml)	N/S	Pack of
135.202.00	1	7/16	2
135.202.00B	2	7/16	2
135.202.01	5	10/19	2
135.202.02	10	10/19	2
135.202.03	20	10/19	2
135.202.04	25	10/19	2
135.202.05	50	12/21	2



ENQUIRE



3.3
BORO
GLASS



A
CLASS



Volumetric Flask



ENQUIRE

3.3
BORO
GLASS



A
CLASS



Volumetric Flask, Amber, Class A

- Complies with DIN/ISO 1042 Standards
- With Individual Work Certificate and Serial Number
- QR Coded Flask
- With PE Stopper

Item Code	Capacity (ml)	N/S	Tolerance (±)	Pack of
QR.130.223.01A	5	10/19	0.040	1
QR.130.223.02AB	10	10/19	0.040	1
QR.130.223.03A	20	10/19	0.040	1
QR.130.223.04A	25	10/19	0.040	1
QR.130.223.05A	50	12/21	0.060	1
QR.130.223.05AB	50	14/23	0.100	1
QR.130.223.06AB	100	12/21	0.100	1
QR.130.223.06A	100	14/23	0.100	1
QR.130.223.07A	200	14/23	0.150	1
QR.130.223.08A	250	14/23	0.150	1
QR.130.223.09A	500	19/26	0.250	1
QR.130.223.10A	1000	24/29	0.400	1
QR.130.223.11A	2000	29/32	0.600	1



ENQUIRE

3.3
BORO
GLASS



A
CLASS



Trapezoidal Volumetric Flask, CLASS A, Amber Glass *New*

- Boro 3.3 glass
- With Individual Work Certificate and Serial Number
- QR Coded Flask
- With PE Stopper

Item Code	Capacity (ml)	N/S	Pack of
135.223.00A	1	7/16	1
135.223.00BA	2	7/16	1
135.223.01A	5	10/19	1
135.223.02A	10	10/19	1
135.223.03A	20	10/19	1
135.223.04A	25	10/19	1
135.223.05A	50	12/21	1

Volumetric Flasks, Amber, Class A

- Complies with DIN ISO 1042 Standards
- With Batch certificate
- With PE Stopper

Item Code	Capacity (ml)	N/S	Tolerance (±)	Pack of
130.202.01A	5	10/19	0.040	2
130.202.02AB	10	10/19	0.040	2
130.202.03A	20	10/19	0.040	2
130.202.04A	25	10/19	0.040	2
130.202.05A	50	12/21	0.060	2
130.202.05AB	50	14/23	0.100	2
130.202.06AB	100	12/21	0.100	2
130.202.06A	100	14/23	0.100	2
130.202.07A	200	14/23	0.150	2
130.202.08A	250	14/23	0.150	2
130.202.09A	500	19/26	0.250	2
130.202.10A	1000	24/29	0.400	2
130.202.11A	2000	29/32	0.600	1



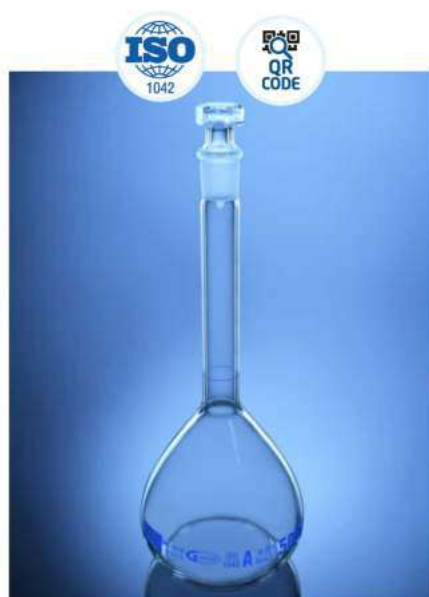
Trapezoidal Volumetric Flask, CLASS A, Amber Glass *New*

- Boro 3.3 glass
- With Batch certificate
- With PE Stopper

Item Code	Capacity (ml)	N/S	Pack of
135.202.00A	1	7/16	2
135.202.00BA	2	7/16	2
135.202.01A	5	10/19	2
135.202.02A	10	10/19	2
135.202.03A	20	10/19	2
135.202.04A	25	10/19	2
135.202.05A	50	12/21	2



Volumetric Flask



ENQUIRE

3.3
BORO
GLASS

Chemical
Resistant

BLUE
PRINTING

A
CLASS

HOLLOW

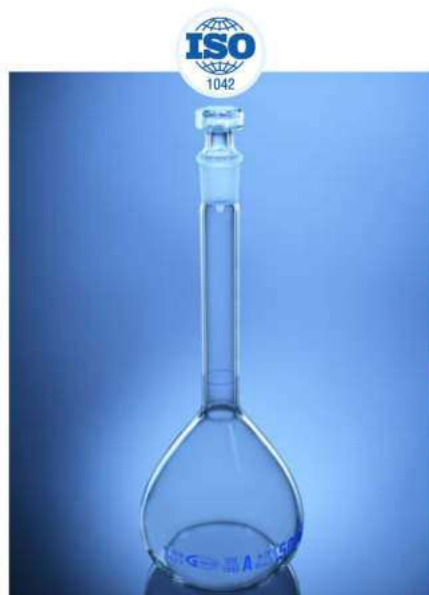
BLUE
RING

INDIVIDUAL
CERTIFICATE

Volumetric Flask, Class A

- Complies with ISO 1042 Standards
- With Individual Work Certificate and Serial Number
- QR Coded Flask
- With Hollow Glass Stopper

Item Code	Capacity (ml)	N/S	Tolerance (±)	Pack of
QR.130.236.01	5	10/19	0.040	1
QR.130.236.02	10	10/19	0.040	1
QR.130.236.03	20	10/19	0.040	1
QR.130.236.04	25	10/19	0.040	1
QR.130.236.05	50	12/21	0.060	1
QR.130.236.06	50	14/23	0.100	1
QR.130.236.07	100	12/21	0.100	1
QR.130.236.08	100	14/23	0.100	1
QR.130.236.09	200	14/23	0.150	1
QR.130.236.10	250	14/23	0.150	1
QR.130.236.11	500	19/26	0.250	1
QR.130.236.12	1000	24/29	0.400	1
QR.130.236.13	2000	29/32	0.600	1
QR.130.236.14	5000	34/35	1.200	1



ENQUIRE

3.3
BORO
GLASS

Chemical
Resistant

BLUE
PRINTING

A
CLASS

HOLLOW

BLUE
RING

BATCH
CERTIFICATE

Volumetric Flasks, Class A

- Complies with ISO 1042 Standards
- With Batch certificate
- With Hollow Glass Stopper

Item Code	Capacity (ml)	N/S	Tolerance (±)	Pack of
130.234.01	5	10/19	0.040	2
130.234.02	10	10/19	0.040	2
130.234.03	20	10/19	0.040	2
130.234.04	25	10/19	0.040	2
130.234.05	50	12/21	0.060	2
130.234.06	50	14/23	0.100	2
130.234.07	100	12/21	0.100	2
130.234.08	100	14/23	0.100	2
130.234.09	200	14/23	0.150	2
130.234.10	250	14/23	0.150	2
130.234.11	500	19/26	0.250	2
130.234.12	1000	24/29	0.400	2
130.234.13	2000	29/32	0.600	1
130.234.14	5000	34/35	1.200	1

Volumetric Flask, Amber, Class-A

- Complies with ISO 1042 Standards
- With Individual Work Certificate and Serial Number
- QR Coded Flask
- With Hollow glass Stopper

Item Code	Capacity (ml)	N/S	Tolerance (±)	Pack of
QR.130.236.01A	5	10/19	0.040	1
QR.130.236.02A	10	10/19	0.040	1
QR.130.236.03A	20	10/19	0.040	1
QR.130.236.04A	25	10/19	0.040	1
QR.130.236.05A	50	12/21	0.060	1
QR.130.236.06A	50	14/23	0.100	1
QR.130.236.07A	100	12/21	0.100	1
QR.130.236.08A	100	14/23	0.100	1
QR.130.236.09A	200	14/23	0.150	1
QR.130.236.10A	250	14/23	0.150	1
QR.130.236.11A	500	19/26	0.250	1
QR.130.236.12A	1000	24/29	0.400	1
QR.130.236.13A	2000	29/32	0.600	1



ENQUIRE

- 3.3 BORO GLASS
- Chemical Resistant
- WHITE PRINTING
- A CLASS
- HOLLOW
- INDIVIDUAL CERTIFICATE

Volumetric Flasks, Amber, Class-A

- Complies with ISO 1042 Standards
- With Batch Certificate
- With Hollow Glass Stopper

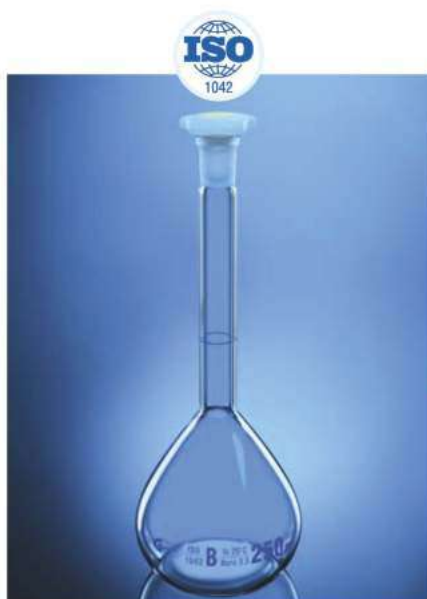
Item Code	Capacity (ml)	N/S	Tolerance (±)	Pack of
130.234.01A	5	10/19	0.040	2
130.234.02A	10	10/19	0.040	2
130.234.03A	20	10/19	0.040	2
130.234.04A	25	10/19	0.040	2
130.234.05A	50	12/21	0.060	2
130.234.06A	50	14/23	0.100	2
130.234.07A	100	12/21	0.100	2
130.234.08A	100	14/23	0.100	2
130.234.09A	200	14/23	0.150	2
130.234.10A	250	14/23	0.150	2
130.234.11A	500	19/26	0.250	2
130.234.12A	1000	24/29	0.400	2
130.234.13A	2000	29/32	0.600	1



ENQUIRE

- 3.3 BORO GLASS
- Chemical Resistant
- WHITE PRINTING
- A CLASS
- HOLLOW
- BATCH CERTIFICATE

Volumetric Flask



ENQUIRE

Volumetric Flasks, Class-B

- Complies with ISO-1042
- With PE Stopper

Item Code	Capacity (ml)	N/S	Tolerance (±)	Pack of
129.222.01	5	10/19	0.080	2
129.222.02	10	10/19	0.080	2
129.222.02A	20	10/19	0.080	2
129.222.03	25	10/19	0.080	2
129.222.04	50	12/21	0.120	2
129.222.04A	50	14/23	0.200	2
129.222.11	100	12/21	0.200	2
129.222.05	100	14/23	0.200	2
129.222.06	200	14/23	0.300	2
129.222.07	250	14/23	0.300	2
129.222.08	500	19/26	0.500	2
129.222.09	1000	24/29	0.800	2
129.222.10	2000	29/32	1.200	1

3.3
BORO
GLASS



B
CLASS



ENQUIRE

Volumetric Flasks, Class-B

- Complies with ISO-1042
- With Hollow Glass Stopper

Item Code	Capacity (ml)	N/S	Tolerance (±)	Pack of
128.234.01	5	10/19	0.080	2
128.234.02	10	10/19	0.080	2
128.234.02A	20	10/19	0.080	2
128.234.03	25	10/19	0.080	2
128.234.04	50	12/21	0.120	2
128.234.04A	50	14/23	0.200	2
128.234.11	100	12/21	0.200	2
128.234.05	100	14/23	0.200	2
128.234.06	200	14/23	0.300	2
128.234.07	250	14/23	0.300	2
128.234.08	500	19/26	0.500	2
128.234.09	1000	24/29	0.800	2
128.234.10	2000	29/32	1.200	1

3.3
BORO
GLASS



B
CLASS



Volumetric Flasks, Amber Glass, Class-B

- Complies with ISO 1042 standard
- With PE Stopper

Item Code	Capacity (ml)	N/S	Tolerance (±)	Pack of
130.222.01A	5	10/19	0.080	2
130.222.02AB	10	10/19	0.080	2
130.222.03A	20	10/19	0.080	2
130.222.04A	25	10/19	0.080	2
130.222.05A	50	12/21	0.120	2
130.222.05AB	50	14/23	0.200	2
130.222.06AB	100	12/21	0.200	2
130.222.06A	100	14/23	0.200	2
130.222.07A	200	14/23	0.300	2
130.222.08A	250	14/23	0.300	2
130.222.09A	500	19/26	0.500	2
130.222.10A	1000	24/29	0.800	2
130.222.11A	2000	29/32	1.200	1



ENQUIRE



3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

B
CLASS



PE



Volumetric Flasks, Amber Glass, Class-B

- Complies with ISO 1042 standard
- With Hollow Glass Stopper

Item Code	Capacity (ml)	N/S	Tolerance (±)	Pack of
130.422.01A	5	10/19	0.080	2
130.422.02AB	10	10/19	0.080	2
130.422.03A	20	10/19	0.080	2
130.422.04A	25	10/19	0.080	2
130.422.05A	50	12/21	0.120	2
130.422.05AB	50	14/23	0.200	2
130.422.06AB	100	12/21	0.200	2
130.422.06A	100	14/23	0.200	2
130.422.07A	200	14/23	0.300	2
130.422.08A	250	14/23	0.300	2
130.422.09A	500	19/26	0.500	2
130.422.10A	1000	24/29	0.800	2
130.422.11A	2000	29/32	1.200	1



ENQUIRE



3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

B
CLASS



HOLLOW



Volumetric Flask



ENQUIRE

Volumetric Flask, PE Stopper, Class A

- Complies with USP Standard
- With Individual work Certificate and Serial Number
- QR Coded Flask
- With PE Stopper

Item Code	Capacity (ml)	N/S	Tolerance (±)	Pack of
QR.130.220.01	5	10/19	0.020	1
QR.130.220.02	10	10/19	0.020	1
QR.130.220.02A	20	10/19	0.030	1
QR.130.220.03	25	10/19	0.030	1
QR.130.220.04	50	12/21	0.050	1
QR.130.220.04B	50	14/23	0.050	1
QR.130.220.05B	100	12/21	0.080	1
QR.130.220.05	100	14/23	0.080	1
QR.130.220.06	200	14/23	0.100	1
QR.130.220.07	250	14/23	0.120	1
QR.130.220.08	500	19/26	0.150	1
QR.130.220.09	1000	24/29	0.300	1
QR.130.220.10	2000	29/32	0.500	1

3.3
BORO
GLASS

Chemical
Resistant

AMBER
PRINTING

A
CLASS

PE

AMBER
RING

INDIVIDUAL
CERTIFICATE



ENQUIRE

Volumetric Flask, PE Stopper, Class A

- Complies with USP Standard
- With Batch Certificate
- With PE Stopper

Item Code	Capacity (ml)	N/S	Tolerance (±)	Pack of
130.461.01	5	10/19	0.020	2
130.461.02	10	10/19	0.020	2
130.461.03	20	10/19	0.030	2
130.461.04	25	10/19	0.030	2
130.461.05	50	12/21	0.050	2
130.461.06	50	14/23	0.050	2
130.461.07	100	12/21	0.080	2
130.461.08	100	14/23	0.080	2
130.461.09	200	14/23	0.100	2
130.461.10	250	14/23	0.120	2
130.461.11	500	19/26	0.150	2
130.461.12	1000	24/29	0.300	2
130.461.13	2000	29/32	0.500	1

3.3
BORO
GLASS

Chemical
Resistant

AMBER
PRINTING

A
CLASS

PE

AMBER
RING

BATCH
CERTIFICATE

Volumetric Flasks

Volumetric Flask, PE Stopper, Class A

- Complies with USP Standard
- With Individual work Certificate and Serial Number
- QR Coded Flask
- With PE Stopper

Item Code	Capacity (ml)	N/S	Tolerance (±)	Pack of
QR.130.220.01A	5	10/19	0.020	1
QR.130.220.02AB	10	10/19	0.020	1
QR.130.220.03A	20	10/19	0.030	1
QR.130.220.04A	25	10/19	0.030	1
QR.130.220.05A	50	12/21	0.050	1
QR.130.220.05AB	50	14/23	0.050	1
QR.130.220.06AB	100	12/21	0.080	1
QR.130.220.06A	100	14/23	0.080	1
QR.130.220.07A	200	14/23	0.100	1
QR.130.220.08A	250	14/23	0.120	1
QR.130.220.09A	500	19/26	0.150	1
QR.130.220.10A	1000	24/29	0.300	1
QR.130.220.11A	2000	29/32	0.500	1



ENQUIRE



3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

A
CLASS

PE



INDIVIDUAL
CERTIFICATE

Volumetric Flask, PE Stopper, Class A

- Complies with USP Standard
- With Conformity Batch Certificate
- With PE Stopper

Item Code	Capacity (ml)	N/S	Tolerance (±)	Pack of
130.462.01	5	10/19	0.020	2
130.462.02	10	10/19	0.020	2
130.462.03	20	10/19	0.030	2
130.462.04	25	10/19	0.030	2
130.462.05	50	12/21	0.050	2
130.462.06	50	14/23	0.050	2
130.462.07	100	12/21	0.080	2
130.462.08	100	14/23	0.080	2
130.462.09	200	14/23	0.100	2
130.462.10	250	14/23	0.120	2
130.462.11	500	19/26	0.150	2
130.462.12	1000	24/29	0.300	2
130.462.13	2000	29/32	0.500	1



ENQUIRE



3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

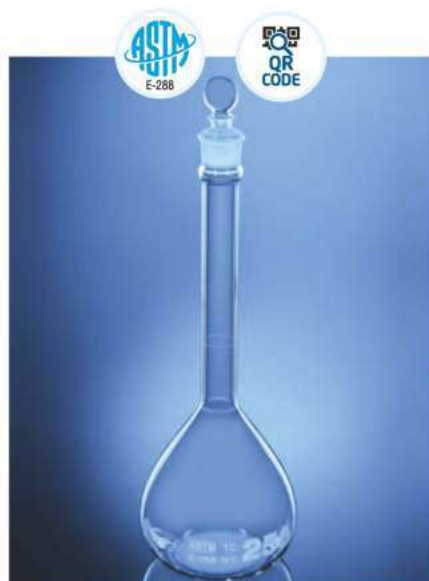
A
CLASS

PE



BATCH
CERTIFICATE

Volumetric Flask



3.3
BORO
GLASS



A
CLASS



Volumetric Flask, QR Coded, CLASS A, SERIALIZED

- Made as per ASTM E-288, Boro 3.3 glass
- With diamond graduated line and are calibrated TC (To Contain)
- Printed in durable white colour enamel
- With Individual work Certificate and Serial Number

Item Code	Capacity (ml)	Tolerance (±)	Stopper Size	Stopper Type	Pack of
QR.134.236.01	5	0.02	9	Penny Head	1
QR.131.236.01	5	0.02	13	Penny Head	1
QR.134.236.02	10	0.02	9	Penny Head	1
QR.131.236.02	10	0.02	13	Penny Head	1
QR.134.236.03*	20	0.03	9	Penny Head	1
QR.131.236.03*	20	0.03	13	Penny Head	1
QR.134.236.04	25	0.03	9	Penny Head	1
QR.131.236.04	25	0.03	13	Penny Head	1
QR.134.236.05	50	0.05	9	Penny Head	1
QR.131.236.05	50	0.05	13	Penny Head	1
QR.134.236.06	100	0.08	13	Penny Head	1
QR.131.236.06	100	0.08	16	Penny Head	1
QR.134.236.07	200	0.10	16	Penny Head	1
QR.131.236.07	200	0.10	19	Penny Head	1
QR.134.236.08	250	0.12	16	Penny Head	1
QR.131.236.08	250	0.12	19	Penny Head	1
QR.131.236.09	500	0.20	19	Penny Head	1
QR.131.236.10	1000	0.30	22	Penny Head	1
QR.131.236.11	2000	0.50	27	Penny Head	1
QR.131.236.13*	4000	1.20	38	Penny Head	1
QR.131.236.15*	6000	1.50	38	Penny Head	1

* Non ASTM



3.3
BORO
GLASS



A
CLASS



Volumetric Flask, QR Coded, CLASS A, SERIALIZED

- Made as per ASTM E-288, Boro 3.3 glass
- With diamond graduated line and are calibrated TC (To Contain)
- Printed in durable white colour enamel
- With Individual work Certificate

Item Code	Capacity (ml)	Tolerance (±ml)	Stopper Size	Stopper Type	Pack of
QR.134.276.01	5	0.02	9	PE	1
QR.131.276.01	5	0.02	13	PE	1
QR.134.276.02	10	0.02	9	PE	1
QR.131.276.02	10	0.02	13	PE	1
QR.134.276.03*	20	0.03	9	PE	1
QR.131.276.03*	20	0.03	13	PE	1
QR.134.276.04	25	0.03	9	PE	1
QR.131.276.04	25	0.03	13	PE	1
QR.134.276.05	50	0.05	9	PE	1
QR.131.276.05	50	0.05	13	PE	1
QR.134.276.06	100	0.08	13	PE	1
QR.131.276.06	100	0.08	16	PE	1
QR.134.276.07	200	0.10	16	PE	1
QR.131.276.07	200	0.10	19	PE	1
QR.134.276.08	250	0.12	16	PE	1
QR.131.276.08	250	0.12	19	PE	1
QR.131.276.09	500	0.20	19	PE	1
QR.131.276.10	1000	0.30	22	PE	1
QR.131.276.11	2000	0.50	27	PE	1
QR.131.276.13*	4000	1.20	38	PE	1
QR.131.276.15*	6000	1.50	38	PE	1

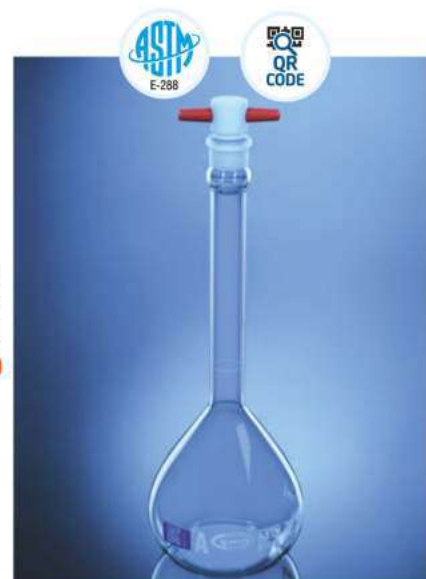
* Non ASTM

Volumetric Flask, QR Coded, CLASS A, SERIALIZED

- Made as per ASTM E-288, Boro 3.3 glass
- With diamond graduated line and are calibrated TC (To Contain)
- Printed in durable white colour enamel
- With Individual work Certificate

Item Code	Capacity (ml)	Tolerance (±)	Stopper Size	Stopper Type	Pack of
QR.134.479.01	5	0.02	9	PTFE	1
QR.131.479.01	5	0.02	13	PTFE	1
QR.134.479.02	10	0.02	9	PTFE	1
QR.131.479.02	10	0.02	13	PTFE	1
QR.134.479.03*	20	0.03	9	PTFE	1
QR.131.479.03*	20	0.03	13	PTFE	1
QR.134.479.04	25	0.03	9	PTFE	1
QR.131.479.04	25	0.03	13	PTFE	1
QR.134.479.05	50	0.05	9	PTFE	1
QR.131.479.05	50	0.05	13	PTFE	1
QR.134.479.06	100	0.08	13	PTFE	1
QR.131.479.06	100	0.08	16	PTFE	1
QR.134.479.07	200	0.10	16	PTFE	1
QR.131.479.07	200	0.10	19	PTFE	1
QR.134.479.08	250	0.12	16	PTFE	1
QR.131.479.08	250	0.12	19	PTFE	1
QR.131.479.09	500	0.20	19	PTFE	1
QR.131.479.10	1000	0.30	22	PTFE	1
QR.131.479.11	2000	0.50	27	PTFE	1
QR.131.479.13*	4000	1.20	38	PTFE	1
QR.131.479.15*	6000	1.50	38	PTFE	1

* Non ASTM



ENQUIRE



Volumetric Flask, CLASS A, UNSERIALIZED

- Made as per ASTM E-288, Boro 3.3 glass
- With diamond graduated line and are calibrated TC (To Contain)
- Printed in durable white colour enamel
- With Batch Certificate

Item Code	Capacity (ml)	Tolerance (±)	Stopper Size	Stopper Type	Pack of
134.234.00*	1	0.01	8	Penny Head	2
134.234.00B*	2	0.01	8	Penny Head	2
134.234.01	5	0.02	9	Penny Head	2
131.234.01	5	0.02	13	Penny Head	2
134.234.02	10	0.02	9	Penny Head	2
131.234.02	10	0.02	13	Penny Head	2
134.234.03*	20	0.03	9	Penny Head	2
131.234.03*	20	0.03	13	Penny Head	2
134.234.04	25	0.03	9	Penny Head	2
131.234.04	25	0.03	13	Penny Head	2
134.234.05	50	0.05	9	Penny Head	2
131.234.05	50	0.05	13	Penny Head	2
134.234.06	100	0.08	13	Penny Head	2
131.234.06	100	0.08	16	Penny Head	2
134.234.07	200	0.10	16	Penny Head	2
131.234.07	200	0.10	19	Penny Head	2
134.234.08	250	0.12	16	Penny Head	2
131.234.08	250	0.12	19	Penny Head	2
131.234.09	500	0.20	19	Penny Head	2
131.234.10	1000	0.30	22	Penny Head	2
131.234.11	2000	0.50	27	Penny Head	1
131.234.13*	4000	1.20	38	Penny Head	1
131.234.15*	6000	1.50	38	Penny Head	1

* Non ASTM



ENQUIRE



Volumetric Flask



3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

A
CLASS

PE

DIAMOND
GRADUATION

BATCH
CERTIFICATE



ENQUIRE

Volumetric Flask, CLASS A, UNSERIALIZED

- Made as per ASTM E-288, Boro 3.3 glass
- With diamond graduated line and are calibrated TC (To Contain)
- Printed in durable white colour enamel
- With Batch Certificate

Item Code	Capacity (ml)	Tolerance (±ml)	Stopper Size	Stopper Type	Pack of
134.232.00*	1	0.01	8	PE	2
134.232.00B*	2	0.01	8	PE	2
134.232.01	5	0.02	9	PE	2
131.232.01	5	0.02	13	PE	2
134.232.02	10	0.02	9	PE	2
131.232.02	10	0.02	13	PE	2
134.232.03*	20	0.03	9	PE	2
131.232.03*	20	0.03	13	PE	2
134.232.04	25	0.03	9	PE	2
131.232.04	25	0.03	13	PE	2
134.232.05	50	0.05	9	PE	2
131.232.05	50	0.05	13	PE	2
134.232.06	100	0.08	13	PE	2
131.232.06	100	0.08	16	PE	2
134.232.07	200	0.10	16	PE	2
131.232.07	200	0.10	19	PE	2
134.232.08	250	0.12	16	PE	2
131.232.08	250	0.12	19	PE	2
131.232.09	500	0.20	19	PE	2
131.232.10	1000	0.30	22	PE	2
131.232.11	2000	0.50	27	PE	1
131.232.13*	4000	1.20	38	PE	1
131.232.15*	6000	1.50	38	PE	1

* Non ASTM



3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

A
CLASS

PTFE

DIAMOND
GRADUATION



ENQUIRE

Volumetric Flask, CLASS A, UNSERIALIZED

- Made as per ASTM E-288, Boro 3.3 glass
- With diamond graduated line and are calibrated TC (To Contain)
- Printed in durable white colour enamel
- With Batch Certificate

Item Code	Capacity (ml)	Tolerance (±)	Stopper Size	Stopper Type	Pack of
134.478.00*	1	0.01	8	PTFE	2
134.478.00B*	2	0.01	8	PTFE	2
134.478.01	5	0.02	9	PTFE	2
131.478.01	5	0.02	13	PTFE	2
134.478.02	10	0.02	9	PTFE	2
131.478.02	10	0.02	13	PTFE	2
134.478.03*	20	0.03	9	PTFE	2
131.478.03*	20	0.03	13	PTFE	2
134.478.04	25	0.03	9	PTFE	2
131.478.04	25	0.03	13	PTFE	2
134.478.05	50	0.05	9	PTFE	2
131.478.05	50	0.05	13	PTFE	2
134.478.06	100	0.08	13	PTFE	2
131.478.06	100	0.08	16	PTFE	2
134.478.07	200	0.10	16	PTFE	2
131.478.07	200	0.10	19	PTFE	2
134.478.08	250	0.12	16	PTFE	2
131.478.08	250	0.12	19	PTFE	2
131.478.09	500	0.20	19	PTFE	2
131.478.10	1000	0.30	22	PTFE	2
131.478.11	2000	0.50	27	PTFE	1
131.478.13*	4000	1.20	38	PTFE	1
131.478.15*	6000	1.50	38	PTFE	1

* Non ASTM

Volumetric Flask (Snap Cap), CLASS-A, UNSERIALIZED

- Made as per ASTM E-288, Boro 3.3 glass
- With diamond graduated line and are calibrated TC (To Contain)
- Printed in durable white colour enamel
- With Batch Certificate

Item Code	Capacity (ml)	Tolerance (±)	Stopper Type	Pack of
132.402.05W	50	0.05	Snap Cap	2
132.402.06W	100	0.08	Snap Cap	2
132.402.07W	200	0.10	Snap Cap	2
132.402.08W	250	0.12	Snap Cap	2
132.402.09W	500	0.20	Snap Cap	2
132.402.10W	1000	0.30	Snap Cap	2
132.402.11W	2000	0.50	Snap Cap	1



ENQUIRE



3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

A
CLASS

SNAP
CAP



Volumetric Flask (Snap Cap), CLASS-B

- Designed as per ASTM E 288 Standards

Item Code	Capacity (ml)	Tolerance (±)	Stopper Type	Pack of
132.422.05	50	0.10	Snap Cap	2
132.422.06	100	0.16	Snap Cap	2
132.422.07	200	0.20	Snap Cap	2
132.422.08	250	0.24	Snap Cap	2
132.422.09	500	0.40	Snap Cap	2
132.422.10	1000	0.60	Snap Cap	2
132.422.11	2000	1.00	Snap Cap	1



ENQUIRE



3.3
BORO
GLASS

Chemical
Resistant

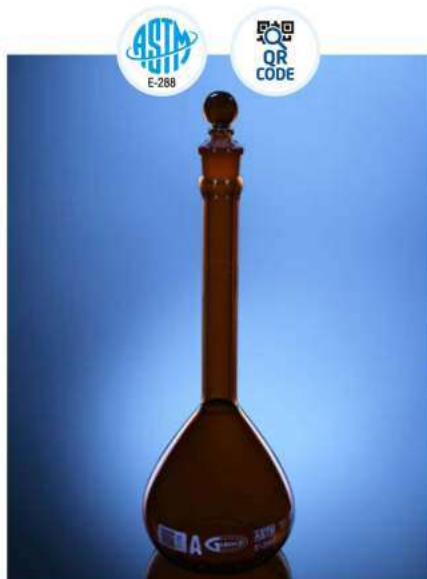
WHITE
PRINTING

B
CLASS

SNAP
CAP



Volumetric Flask



ENQUIRE

Volumetric Flask, Amber, QR Coded, CLASS A, SERIALIZED

- Made as per ASTM E-288, Boro 3.3 glass
- With diamond graduated line and are calibrated TC (To Contain)
- Printed in durable white colour enamel
- With Individual work Certificate

Item Code	Capacity (ml)	Tolerance (±ml)	Stopper Size	Stopper Type	Pack of
QR.134.236.01A	5	0.02	9	Penny Head	1
QR.131.236.01A	5	0.02	13	Penny Head	1
QR.134.236.02A	10	0.02	9	Penny Head	1
QR.131.236.02A	10	0.02	13	Penny Head	1
QR.134.236.03A*	20	0.03	9	Penny Head	1
QR.131.236.03A*	20	0.03	13	Penny Head	1
QR.134.236.04A	25	0.03	9	Penny Head	1
QR.131.236.04A	25	0.03	13	Penny Head	1
QR.134.236.05A	50	0.05	9	Penny Head	1
QR.131.236.05A	50	0.05	13	Penny Head	1
QR.134.236.06A	100	0.08	13	Penny Head	1
QR.131.236.06A	100	0.08	16	Penny Head	1
QR.134.236.07A	200	0.10	16	Penny Head	1
QR.131.236.07A	200	0.10	19	Penny Head	1
QR.134.236.08A	250	0.12	16	Penny Head	1
QR.131.236.08A	250	0.12	19	Penny Head	1
QR.131.236.09A	500	0.20	19	Penny Head	1
QR.131.236.10A	1000	0.30	22	Penny Head	1
QR.131.236.11A	2000	0.50	27	Penny Head	1

* Non ASTM

3.3
BORO
GLASS



Chemical
Resistant



WHITE
PRINTING

A
CLASS



GLASS



INDIVIDUAL
CERTIFICATE



ENQUIRE

Volumetric Flask, Amber, CLASS A, UNSERIALIZED

- Made as per ASTM E-288, Boro 3.3 glass
- With diamond graduated line and are calibrated TC (To Contain)
- Printed in durable white colour enamel
- With Batch Certificate

Item Code	Capacity (ml)	Tolerance (±ml)	Stopper Size	Stopper Type	Pack of
134.234.00A*	1	0.01	8	Penny Head	2
134.234.00BA*	2	0.01	8	Penny Head	2
134.234.01A	5	0.02	9	Penny Head	2
131.234.01A	5	0.02	13	Penny Head	2
134.234.02A	10	0.02	9	Penny Head	2
131.234.02A	10	0.02	13	Penny Head	2
134.234.03A*	20	0.03	9	Penny Head	2
131.234.03A*	20	0.03	13	Penny Head	2
134.234.04A	25	0.03	9	Penny Head	2
131.234.04A	25	0.03	13	Penny Head	2
134.234.05A	50	0.05	9	Penny Head	2
131.234.05A	50	0.05	13	Penny Head	2
134.234.06A	100	0.08	13	Penny Head	2
131.234.06A	100	0.08	16	Penny Head	2
134.234.07A	200	0.10	16	Penny Head	2
131.234.07A	200	0.10	19	Penny Head	2
134.234.08A	250	0.12	16	Penny Head	2
131.234.08A	250	0.12	19	Penny Head	2
131.234.09A	500	0.20	19	Penny Head	2
131.234.10A	1000	0.30	22	Penny Head	2
131.234.11A	2000	0.50	27	Penny Head	1

* Non ASTM

3.3
BORO
GLASS



Chemical
Resistant



WHITE
PRINTING

A
CLASS



GLASS

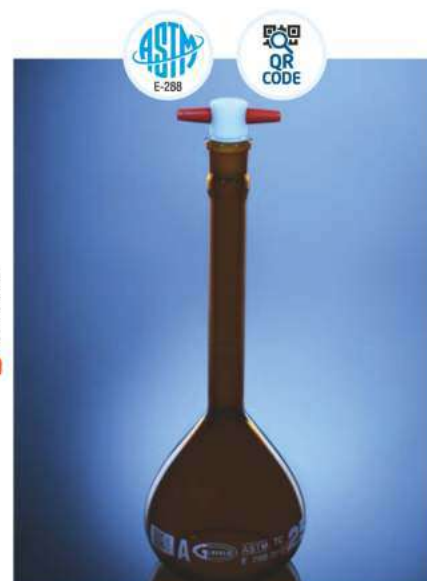


Volumetric Flask, Amber, QR Coded, CLASS A, SERIALIZED

- Made as per ASTM E-288, Boro 3.3 glass
- With diamond graduated line and are calibrated TC (To Contain)
- Printed in durable white colour enamel
- With Individual work Certificate

Item Code	Capacity (ml)	Tolerance (±ml)	Stopper Size	Stopper Type	Pack of
QR.134.479.01A	5	0.02	9	PTFE	1
QR.131.479.01A	5	0.02	13	PTFE	1
QR.134.479.02A	10	0.02	9	PTFE	1
QR.131.479.02A	10	0.02	13	PTFE	1
QR.131.479.03A*	20	0.03	13	PTFE	1
QR.134.479.03A*	20	0.03	9	PTFE	1
QR.134.479.04A	25	0.03	9	PTFE	1
QR.131.479.04A	25	0.03	13	PTFE	1
QR.134.479.05A	50	0.05	9	PTFE	1
QR.131.479.05A	50	0.05	13	PTFE	1
QR.134.479.06A	100	0.08	13	PTFE	1
QR.131.479.06A	100	0.08	16	PTFE	1
QR.134.479.07A	200	0.10	16	PTFE	1
QR.131.479.07A	200	0.10	19	PTFE	1
QR.134.479.08A	250	0.12	16	PTFE	1
QR.131.479.08A	250	0.12	19	PTFE	1
QR.131.479.09A	500	0.20	19	PTFE	1
QR.131.479.10A	1000	0.30	22	PTFE	1
QR.131.479.11A	2000	0.50	27	PTFE	1

* Non ASTM



ENQUIRE



Volumetric Flask, Amber, CLASS A, UNSERIALIZED

- Made as per ASTM E-288, Boro 3.3 glass
- With diamond graduated line and are calibrated TC (To Contain)
- Printed in durable white colour enamel
- With Batch Certificate

Item Code	Capacity (ml)	Tolerance (±ml)	Stopper Size	Stopper Type	Pack of
134.478.00A*	1	0.01	8	PTFE	2
134.478.00BA*	2	0.01	8	PTFE	2
134.478.01A	5	0.02	9	PTFE	2
131.478.01A	5	0.02	13	PTFE	2
131.478.02A	10	0.02	13	PTFE	2
134.478.02A	10	0.02	9	PTFE	2
134.478.03A*	20	0.03	9	PTFE	2
131.478.03A*	20	0.03	13	PTFE	2
134.478.04A	25	0.03	9	PTFE	2
131.478.04A	25	0.03	13	PTFE	2
134.478.05A	50	0.05	9	PTFE	2
131.478.05A	50	0.05	13	PTFE	2
134.478.06A	100	0.08	13	PTFE	2
131.478.06A	100	0.08	16	PTFE	2
134.478.07A	200	0.10	16	PTFE	2
131.478.07A	200	0.10	19	PTFE	2
134.478.08A	250	0.12	16	PTFE	2
131.478.08A	250	0.12	19	PTFE	2
131.478.09A	500	0.20	19	PTFE	2
131.478.10A	1000	0.30	22	PTFE	2
131.478.11A	2000	0.50	27	PTFE	1

* Non ASTM



ENQUIRE



Volumetric Flask



ENQUIRE

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

A
CLASS

PE

INDIVIDUAL
CERTIFICATE

INDIVIDUAL
CERTIFICATE

Volumetric Flask, Amber, QR Coded, CLASS A, SERIALIZED

- Made as per ASTM E-288, Boro 3.3 glass
- With diamond graduated line and are calibrated TC (To Contain)
- Printed in durable white colour enamel
- With Individual work Certificate

Item Code	Capacity (ml)	Tolerance (±)	Stopper Size	Stopper Type	Pack of
QR.134.276.01A	5	0.02	9	PE	1
QR.131.276.01A	5	0.02	13	PE	1
QR.134.276.02A	10	0.02	9	PE	1
QR.131.276.02A	10	0.02	13	PE	1
QR.134.276.03A*	20	0.03	9	PE	1
QR.131.276.03A*	20	0.03	13	PE	1
QR.134.276.04A	25	0.03	9	PE	1
QR.131.276.04A	25	0.03	13	PE	1
QR.134.276.05A	50	0.05	9	PE	1
QR.131.276.05A	50	0.05	13	PE	1
QR.134.276.06A	100	0.08	13	PE	1
QR.131.276.06A	100	0.08	16	PE	1
QR.134.276.07A	200	0.10	16	PE	1
QR.131.276.07A	200	0.10	19	PE	1
QR.134.276.08A	250	0.12	16	PE	1
QR.131.276.08A	250	0.12	19	PE	1
QR.131.276.09A	500	0.20	19	PE	1
QR.131.276.10A	1000	0.30	22	PE	1
QR.131.276.11A	2000	0.50	27	PE	1

* Non ASTM



ENQUIRE

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

A
CLASS

PE

INDIVIDUAL
CERTIFICATE

Volumetric Flask, Amber, CLASS A, UNSERIALIZED

- Made as per ASTM E-288, Boro 3.3 glass
- With diamond graduated line and are calibrated TC (To Contain)
- Printed in durable white colour enamel
- With Batch Certificate

Item Code	Capacity (ml)	Tolerance (±)	Stopper Size	Stopper Type	Pack of
134.232.00A*	1	0.01	8	PE	2
134.232.00BA*	2	0.01	8	PE	2
134.232.01A	5	0.02	9	PE	2
131.232.01A	5	0.02	13	PE	2
134.232.02A	10	0.02	9	PE	2
131.232.02A	10	0.02	13	PE	2
134.232.03A*	20	0.03	9	PE	2
131.232.03A*	20	0.03	13	PE	2
134.232.04A	25	0.03	9	PE	2
131.232.04A	25	0.03	13	PE	2
134.232.05A	50	0.05	9	PE	2
131.232.05A	50	0.05	13	PE	2
134.232.06A	100	0.08	13	PE	2
131.232.06A	100	0.08	16	PE	2
134.232.07A	200	0.10	16	PE	2
131.232.07A	200	0.10	19	PE	2
134.232.08A	250	0.12	16	PE	2
131.232.08A	250	0.12	19	PE	2
131.232.09A	500	0.20	19	PE	2
131.232.10A	1000	0.30	22	PE	2
131.232.11A	2000	0.50	27	PE	1

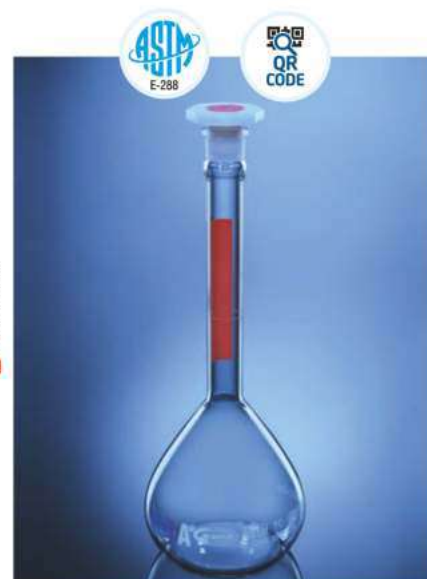
* Non ASTM

Volumetric Flask, QR Coded, Red Stripe, CLASS A, SERIALIZED

- Made as per ASTM E-288, Boro 3.3 glass
- With diamond graduated line and are calibrated TC (To Contain)
- Printed in durable white colour enamel
- With Batch Certificate

Item Code	Capacity (ml)	Tolerance (±)	Stopper Size	Stopper Type	Pack of
QR.134.238.01	5	0.02	9	PE	1
QR.131.238.01	5	0.02	13	PE	1
QR.134.238.02	10	0.02	9	PE	1
QR.131.238.02	10	0.02	13	PE	1
QR.134.238.03*	20	0.03	9	PE	1
QR.131.238.03*	20	0.03	13	PE	1
QR.134.238.04	25	0.03	9	PE	1
QR.131.238.04	25	0.03	13	PE	1
QR.134.238.05	50	0.05	9	PE	1
QR.131.238.05	50	0.05	13	PE	1
QR.134.238.06	100	0.08	13	PE	1
QR.131.238.06	100	0.08	16	PE	1
QR.134.238.07	200	0.10	16	PE	1
QR.131.238.07	200	0.10	19	PE	1
QR.134.238.08	250	0.12	16	PE	1
QR.131.238.08	250	0.12	19	PE	1
QR.131.238.09	500	0.20	19	PE	1
QR.131.238.10	1000	0.30	22	PE	1
QR.131.238.11	2000	0.50	27	PE	1
QR.131.238.13*	4000	1.20	38	PE	1
QR.131.238.15*	6000	1.50	38	PE	1

* Non ASTM



ENQUIRE



Volumetric Flask, Red Stripe, CLASS A, UNSERIALIZED

- Made as per ASTM E-288, Boro 3.3 glass
- With diamond graduated line and are calibrated TC (To Contain)
- Printed in durable white colour enamel
- With Batch Certificate

Item Code	Capacity (ml)	Tolerance (±)	Stopper Size	Stopper Type	Pack of
134.237.00*	1	0.01	8	PE	2
134.237.00B*	2	0.01	8	PE	2
134.237.01	5	0.02	9	PE	2
131.237.01	5	0.02	13	PE	2
134.237.02	10	0.02	9	PE	2
131.237.02	10	0.02	13	PE	2
134.237.03*	20	0.03	9	PE	2
131.237.03*	20	0.03	13	PE	2
134.237.04	25	0.03	9	PE	2
131.237.04	25	0.03	13	PE	2
134.237.05	50	0.05	9	PE	2
131.237.05	50	0.05	13	PE	2
134.237.06	100	0.08	13	PE	2
131.237.06	100	0.08	16	PE	2
134.237.07	200	0.10	16	PE	2
131.237.07	200	0.10	19	PE	2
134.237.08	250	0.12	16	PE	2
131.237.08	250	0.12	19	PE	2
131.237.09	500	0.20	19	PE	2
131.237.10	1000	0.30	22	PE	2
131.237.11	2000	0.50	27	PE	1
131.237.13*	4000	1.20	38	PE	1
131.237.15*	6000	1.50	38	PE	1

* Non ASTM



ENQUIRE



Volumetric Flask



ENQUIRE



PP



LEAKPROOF



SCREW
THREAD



EXCELLENT
CLARITY



120°C

Volumetric Flask

Blown in Polypropylene, are strong, unbreakable and have good contact clarity. These autoclavable flasks are provided with screw caps to prevent leakage.

Material : Polypropylene

Item Code	Capacity (ml)	Pack of
158.303.01	25	6
158.303.02	50	6
158.303.03	100	6
158.303.04	250	2
158.303.05	500	2
158.303.06	1000	2



ENQUIRE

Bumper guard for volumetric flask

Item Code	Capacity (ml)	N/S	Colour	Pack of
127.202.01	5-25	10/19	Yellow	100
127.202.02	50-100	12/21	Green	100
127.202.03	200-250	14/23	Blue	100
127.202.04	500	19/26	Orange	100
127.202.05	1000	24/29	Red	50

**FUNNELS DESIGNED FOR
SEAMLESS TRANSFERS**



Funnels



Funnel

- Made from ASTM E-438 Type 1, CLASS A, Boro 3.3 glass
- Complies with DIN ISO 4798 & USP standards
- With 60° bowl angle for precise fitting of filter paper

Item Code	Diameter (mm)	Pack of
238.202.01*	25	10
238.202.02	35	10
238.202.03*	38	10
238.202.04*	40	10
238.202.05*	50	10
238.202.06	55	10
238.202.07*	64	10
238.202.08*	70	10
238.202.09	75	10
238.202.10*	80	10
238.202.11	100	10
238.202.12	125	10
238.202.13	150	10

3.3
BORO
GLASS



* Non DIN



ENQUIRE



Funnel, Long stem

- With 60° bowl angle for precise fitting of filter paper
- Manufactured from chemical and heat resistant borosilicate glass
- Stem length approximately 150mm

Item Code	Dia (ml)	Stem O.D. (mm)	To suit filler paper dia (mm)	Pack of
238.215.08	70	8	70-90	6
238.215.10	80	10	90-150	6
238.215.11A	105	10	150-185	6

3.3
BORO
GLASS



ENQUIRE

Funnel, Powder

- Made from ASTM E-438 Type 1, CLASS A, Boro 3.3 glass
- With cone
- With drip tip

Item Code	N/S Size	Approx Funnel Dia. (mm)	Pack of
238.202.01P	14/23	45	10
238.202.02P	14/23	70	10
238.202.03P	29/32	70	10
238.202.04P	29/32	80	10
238.202.05P	14/23	100	10
238.202.06P	29/32	100	10

3.3
BORO
GLASS

 Chemical
Resistant

 BLUE
PRINTING

 DRIP
TIP



ENQUIRE



Funnel, Powder

- Made from ASTM E-438 Type 1, CLASS A, Boro 3.3 glass
- With fire polished rim and stem

Item Code	Type	Material	Pack of
238.404.06P	60	20	6
238.404.08P	80	25	6
238.404.10P	100	25	6
238.404.12P	125	30	2
238.404.15P	150	31	2

3.3
BORO
GLASS

 Chemical
Resistant

 WHITE
PRINTING



ENQUIRE



Funnel, Analytical

- Made of Polypropylene

Item Code	Type	Pack of
207.303.01	50mm, ID 50, Stem Length 50, PP	72
207.303.02	62mm, ID 62, Stem Length 67, PP	36
207.303.03	75mm, ID 75, Stem Length 77, PP	36
207.303.04	100mm, ID 100, Stem Length 95, PP	36
207.303.05	35mm, ID 35, Stem Length 37, PP	80

 PP

 240°C
SSSS



ENQUIRE



Funnels



Funnel, Long Stem, Smooth Walls

- Made of Polypropylene
- 60° cone angle and external ribs to prevent air lock.
- Can also be steam autoclaved

Item Code	Size (mm) (OD)	I.D. (mm)	Stem Length (mm)	Pack of
122.303.04	100	93	84	36
122.303.05	150	148	110	12



ENQUIRE



Funnel, Powder

- Made of Polypropylene
- Used for transferring powdered reagent
- Unique parallel stem minimizes bridging of powder
- Autoclavable at 120°C

Item Code	O.D. (mm)	I.D. (mm)	Stem Length (mm)	Pack of
210.303.01	70	65	22	36
210.303.02	85	78	30	36
210.303.03	107	100	33	36
210.303.04	153	145	30	12



ENQUIRE



Funnel, Industrial

- Made of Polypropylene
- Used for convenient filling of carboy's, drums & barrels

Item Code	Inner Dia (mm)	Pack of
211.303.01	200	12
211.303.02	250	6



ENQUIRE

Graduated Imhoff Sedimentation Cone

- Made from ASTM E-438 Type 1, CLASS A, Boro 3.3 glass
- With PP screw plug for easy draining

Item Code	Capacity (ml)	Pack of
350.202.10	1000	1

3.3
BORO
GLASS



ENQUIRE



Funnel, Buchner

- Made of Polypropylene
- Light weight
- Easy to clean & autoclavable
- Top portion snap fitted with the lower one forms a vacuum seal which requires no greasing
- Base of the top portion has perforated filter plate

Item Code	Size (mm) Inner Dia	Pack of
123.303.01	70	12
123.303.02	110	6
123.303.03	90	6



ENQUIRE



Funnels



Funnel, Buchner, Euro Design

- Made of Porcelain
- Temperature upto 1000°C

Item Code	Dia (mm) OD x H	Pack of
527.303.10	20 x 64	10
527.303.11	51 x 89	10
527.303.12	67 x 110	6
527.303.13	84 x 143	4
527.303.14	105 x 160	2
527.303.15	125 x 195	2
527.303.16	142 x 202	1
527.303.17	170 x 221	1
527.303.18	210 x 270	1



ENQUIRE



Funnel, Buchner, With Sintered/Fritted Disc

- Made from ASTM E 438 type-1, Class A Boro 3.3 glass
- With fire polished rim and stem

Item Code	Capacity (ml)	Disk Dia (mm)	Porosity	Pack of
256.G00.01	35	30	0	2
256.G01.01	35	30	1	2
256.G02.01	35	30	2	2
256.G03.01	35	30	3	2
256.G04.01	35	30	4	2
256.G05.01	35	30	5	2
256.G00.02	80	40	0	2
256.G01.02	80	40	1	2
256.G02.02	80	40	2	2
256.G03.02	80	40	3	2
256.G04.02	80	40	4	2
256.G05.02	80	40	5	2
256.G00.03	200	65	0	2
256.G01.03	200	65	1	2
256.G02.03	200	65	2	2
256.G03.03	200	65	3	2
256.G04.03	200	65	4	2
256.G05.03	200	65	5	2
256.G00.04	500	90	0	2
256.G01.04	500	90	1	2
256.G02.04	500	90	2	2
256.G03.04	500	90	3	2
256.G04.04	500	90	4	2
256.G05.04	500	90	5	2
256.G00.05	1000	120	0	1
256.G01.05	1000	120	1	1
256.G02.05	1000	120	2	1
256.G03.05	1000	120	3	1
256.G04.05	1000	120	4	1
256.G05.05	1000	120	5	1

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING



ENQUIRE

Buchner Funnel, with Fritted/Sintered Disc

- Made from ASTM E-438 Type 1, CLASS A, Boro 3.3 glass
- Printed in durable white colour enamel
- Thick walls with bitted rim

Item Code	Capacity (ml)	Disc Dia	Ht. above Dist	Stem Length	Stem O.D.	Porosity	Pack of
256.C00.00A	2	10	30	30	7	Coarse	2
256.M00.00A	2	10	30	30	7	Medium	2
256.F00.00A	2	10	30	30	7	Fine	2
256.C00.00	15	20	45	75	8	Coarse	2
256.M00.00	15	20	45	75	8	Medium	2
256.F00.00	15	20	45	75	8	Fine	2
256.C00.01	30	30	45	75	8	Coarse	2
256.M00.01	30	30	45	75	8	Medium	2
256.F00.01	30	30	45	75	8	Fine	2
256.C00.02A	60	40	50	75	10	Coarse	2
256.M00.02A	60	40	50	75	10	Medium	2
256.F00.02A	60	40	50	75	10	Fine	2
256.C00.03B	150	60	50	75	15	Coarse	1
256.M00.03B	150	60	50	75	15	Medium	1
256.F00.03B	150	60	50	75	15	Fine	1
256.C00.03A	350	80	75	75	20	Coarse	1
256.M00.03A	350	80	75	75	20	Medium	1
256.F00.03A	350	80	75	75	20	Fine	1
256.C00.05	600	90	90	115	20	Coarse	1
256.M00.05	600	90	90	115	20	Medium	1
256.F00.05	600	90	90	115	20	Fine	1
256.C00.06	2000	125	160	115	26	Coarse	1
256.M00.06	2000	125	160	115	26	Medium	1
256.C00.07	3000	150	170	115	26	Coarse	1
256.M00.07	3000	150	170	115	26	Medium	1

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING



ENQUIRE



Buchner Funnel, with Fritted/Sintered Disc, with Connector

- Made from ASTM E-438 Type 1, CLASS A, Boro 3.3 glass
- Printed in durable white colour enamel
- Thick walls with bitted rim

Item Code	Capacity (ml)	Cone Size	Porosity	Pack of
257.C00.00	15	14/20	Coarse	1
257.M00.00	15	14/20	Medium	1
257.C00.01A	30	14/20	Coarse	1
257.C00.01AB	30	24/40	Coarse	1
257.C00.02A	60	14/20	Coarse	1
257.C00.02AB	60	24/40	Coarse	1
257.C00.03A	150	29/42	Coarse	1
257.C00.03AB	150	24/40	Coarse	1
257.C00.00A	15	24/40	Coarse	1
257.M00.01A	30	14/20	Medium	1
257.M00.01AB	30	24/40	Medium	1
257.M00.02A	60	14/20	Medium	1
257.M00.02AB	60	24/40	Medium	1
257.M00.03AB	150	24/40	Medium	1
257.M00.03B	350	24/40	Medium	1

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

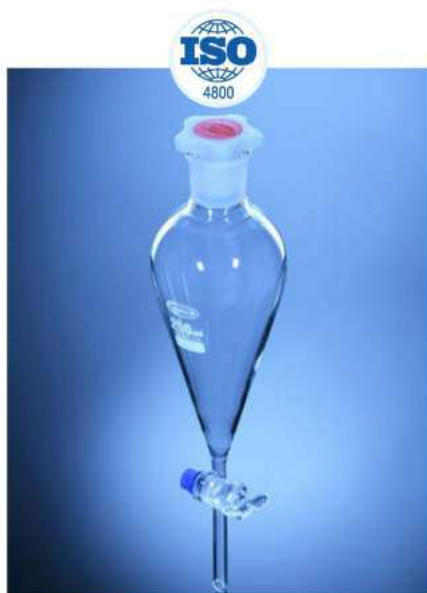


ENQUIRE



Funnels

Separating and Dropping Funnels are produced from ASTM E-438 TYPE-1 CLASS A BORO 3.3 heat resistant glass. All these Funnels are manufactures as per DIN ISO 4800 standard . The printing is done in white colour



Funnel, Separating, Squibb Shape with Glass Stopcock

- Complies with ISO 4800 Standard
- Without Graduation
- With PE Stopper

Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of
147.202.02	50	19/26	2.5	Solid Glass	1
147.202.02A*	60	14/23	2.5	Solid Glass	1
147.202.03	100	19/26	2.5	Solid Glass	1
147.202.03A*	125	19/26	2.5	Solid Glass	1
147.202.04	250	29/32	4	Solid Glass	1
147.202.05	500	29/32	4	Solid Glass	1
147.202.06	1000	29/32	6	Solid Glass	1
147.202.07	2000	29/32	6	Solid Glass	1

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

GLASS

GLASS

PE



ENQUIRE

* Non DIN



Funnel, Separating, Squibb Shape, with Glass Stopcock

- Complies with ISO 4800 Standard
- With Graduation
- With PE Stopper

Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of
147.209.02	50	19/26	2.5	Solid Glass	1
147.209.03	100	19/26	2.5	Solid Glass	1
147.209.04	250	29/32	4	Solid Glass	1
147.209.05	500	29/32	4	Solid Glass	1
147.209.06	1000	29/32	6	Solid Glass	1
147.209.07	2000	29/32	6	Solid Glass	1

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

GLASS

GLASS

PE



ENQUIRE

Funnel, Separating, Squibb Shape, With Needle valve Stopcock

- Complies with ISO 4800 Standards
- Without Graduation
- With PE Stopper
- Bore 0-3 mm

Item Code	Capacity (ml)	N/S	Stopcock Type	Pack of
148.202.02	50	19/26	Needle Valve	1
148.202.02A*	60	14/23	Needle Valve	1
148.202.03	100	19/26	Needle Valve	1
148.202.03A*	125	19/26	Needle Valve	1
148.202.04	250	29/32	Needle Valve	1
148.202.05	500	29/32	Needle Valve	1
148.202.06	1000	29/32	Needle Valve	1
148.202.07	2000	29/32	Needle Valve	1

3.3
BORO
GLASS



ENQUIRE

* Non DIN



Funnel, Separating, Squibb Shape

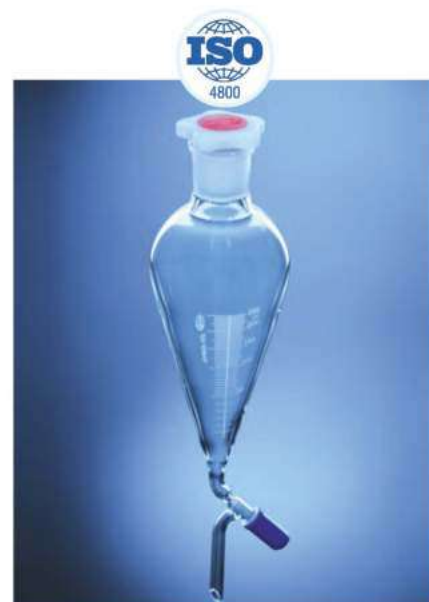
- Complies with ISO 4800 Standards
- With Graduation
- With PE Stopper
- Bore 0-3 mm

Item Code	Capacity (ml)	N/S	Stopcock Type	Pack of
148.209.02	50	19/26	Needle Valve	1
148.209.03	100	19/26	Needle Valve	1
148.209.04	250	29/32	Needle Valve	1
148.209.05	500	29/32	Needle Valve	1
148.209.06	1000	29/32	Needle Valve	1
148.209.07	2000	29/32	Needle Valve	1

3.3
BORO
GLASS



ENQUIRE



Funnels



Funnel, Separating, Squibb shape With PTFE Stopcock

- Complies with ISO 4800 Standard
- Without Graduation
- With PE Stopper

Item Code	Capacity (ml)	N/S	Stopcock Type	Bore Size	Pack of
149.202.02	50	19/26	PTFE	2.5	1
149.202.02A*	60	14/23	PTFE	2.5	1
149.202.03	100	19/26	PTFE	2.5	1
149.202.03A*	125	19/26	PTFE	2.5	1
149.202.04	250	29/32	PTFE	4	1
149.202.05	500	29/32	PTFE	4	1
149.202.06	1000	29/32	PTFE	6	1
149.202.07	2000	29/32	PTFE	6	1

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

PTFE

PTFE

PE



ENQUIRE

* Non DIN



Funnel, Separating, Squibb shape With PTFE Stopcock

- Complies with ISO 4800 Standard
- With Graduation
- With PE Stopper

Item Code	Capacity (ml)	N/S	Stopcock Type	Bore Size	Pack of
149.209.02	50	19/26	PTFE	2.5	1
149.209.03	100	19/26	PTFE	2.5	1
149.209.04	250	29/32	PTFE	4	1
149.209.05	500	29/32	PTFE	4	1
149.209.06	1000	29/32	PTFE	6	1
149.209.07	2000	29/32	PTFE	6	1

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

PTFE

PTFE

PE



ENQUIRE

Funnel, Separating, Pear (ISO) Shape With Glass Stopcock

- Complies with ISO 4800 Standard
- With PE Stopper

Item Code	Capacity (ml)	N/S	Stopcock Type	Bore Size	Pack of
150.202.02	50	19/26	Solid Glass	2.5	1
150.202.03	100	19/26	Solid Glass	2.5	1
150.204.03A*	125	19/26	Solid Glass	2.5	1
150.202.04	250	29/32	Solid Glass	4	1
150.202.05	500	29/32	Solid Glass	4	1
150.202.06	1000	29/32	Solid Glass	6	1
150.202.07	2000	29/32	Solid Glass	6	1

3.3
BORO
GLASS



ENQUIRE

* Non DIN



Funnel, Separating, Pear (ISO) Shape With Needle Valve Stopcock

- Complies with ISO 4800 Standard
- With PE Stopper
- Bore 0-3 mm

Item Code	Capacity (ml)	N/S	Stopcock Type	Pack of
151.202.02	50	19/26	Needle Valve	1
151.202.03	100	19/26	Needle Valve	1
151.204.03A*	125	19/26	Needle Valve	1
151.202.04	250	29/32	Needle Valve	1
151.202.05	500	29/32	Needle Valve	1
151.202.06	1000	29/32	Needle Valve	1
151.202.07	2000	29/32	Needle Valve	1

3.3
BORO
GLASS



ENQUIRE

* Non DIN



Funnel, Separating, Pear (ISO) Shape With PTFE Stopcock

- Complies with ISO 4800 Standard
- With PE Stopper

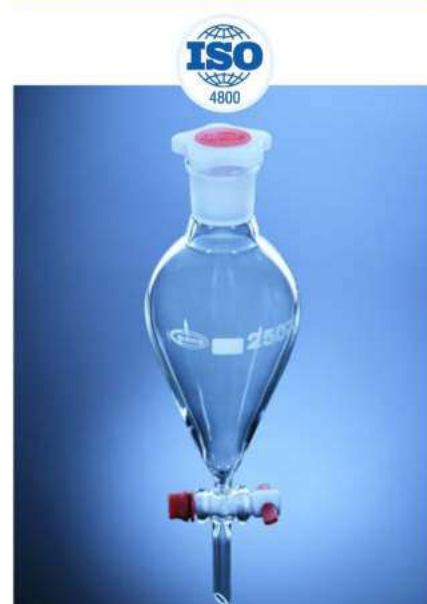
Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of
152.202.02	50	19/26	2.5	PTFE	1
152.202.03	100	19/26	2.5	PTFE	1
152.202.03A*	125	19/26	2.5	PTFE	1
152.202.04	250	29/32	4	PTFE	1
152.202.05	500	29/32	4	PTFE	1
152.202.06	1000	29/32	6	PTFE	1
152.202.07	2000	29/32	6	PTFE	1

3.3
BORO
GLASS



ENQUIRE

* Non DIN





Funnel, Separating, Pear shape With Glass Stopcock

- With PE Stopper
- With cone & stem

Item Code	Capacity (ml)	Socket & Cone N/S	Bore (mm)	Stopcock Type	Pack of
162.202.03	50	19/26	2.5	Solid Glass	1
162.202.05	100	19/26	2.5	Solid Glass	1
162.204.06	250	29/32	4	Solid Glass	1
162.204.08	500	29/32	4	Solid Glass	1
162.204.11	1000	29/32	6	Solid Glass	1

3.3
BORO
GLASS



ENQUIRE



Funnel, Separating, Pear shape With Needle Valve Stopcock

- With PE Stopper
- With cone & stem
- Bore 0-3 mm

Item Code	Capacity (ml)	Socket & Cone N/S	Stopcock Type	Pack of
163.202.03	50	19/26	Needle Valve	1
163.202.05	100	19/26	Needle Valve	1
163.204.06	250	29/32	Needle Valve	1
163.204.08	500	29/32	Needle Valve	1
163.204.11	1000	29/32	Needle Valve	1

3.3
BORO
GLASS



ENQUIRE



Funnel, Separating, Pear shape With PTFE Stopcock

- With PE Stopper
- With Cone & Stem

Item Code	Capacity (ml)	Socket & Cone N/S	Bore (mm)	Stopcock Type	Pack of
164.202.03	50	19/26	2.5	PTFE	1
164.202.05	100	19/26	2.5	PTFE	1
164.204.06	250	29/32	4	PTFE	1
164.204.08	500	29/32	4	PTFE	1
164.204.11	1000	29/32	6	PTFE	1

3.3
BORO
GLASS



ENQUIRE

Funnel, Separating, Pear Shape With Glass Stopcock

• With stem inside cone

Item Code	Capacity (ml)	Socket & Cone N/S	Bore (mm)	Stopcock Type	Pack of
162.210.03	50	19/26	2.5	Solid Glass	1
162.210.05	100	19/26	2.5	Solid Glass	1
162.210.06	250	29/32	4	Solid Glass	1
162.210.08	500	29/32	4	Solid Glass	1
162.210.10	1000	29/32	6	Solid Glass	1

3.3
BORO
GLASS



ENQUIRE



Funnel, Separating, Pear Shape With PTFE Stopcock

• With stem inside cone

Item Code	Capacity (ml)	Socket & Cone N/S	Bore (mm)	Stopcock Type	Pack of
164.210.03	50	19/26	2.5	PTFE	1
164.210.05	100	19/26	2.5	PTFE	1
164.210.06	250	29/32	4	PTFE	1
164.210.08	500	29/32	4	PTFE	1
164.210.11	1000	29/32	6	PTFE	1

3.3
BORO
GLASS



ENQUIRE



Funnels



Funnel, Dropping, Gilson With Glass Stopcock

• With PE Stopper

Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of
159.202.01	50	19/26	2.5	Solid Glass	1
159.202.02	100	19/26	2.5	Solid Glass	1
159.202.03	250	29/32	4	Solid Glass	1
159.202.04	500	29/32	4	Solid Glass	1
159.202.05	1000	29/32	6	Solid Glass	1
159.202.06	2000	29/32	6	Solid Glass	1

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

GLASS

PE



ENQUIRE



Funnel, Dropping, Gilson With PTFE Stopcock

• With PE Stopper

Item Code	Capacity (ml)	N/S	Bore Size	Stopcock Type	Pack of
160.202.01	50	19/26	2.5	PTFE	1
160.202.02	100	19/26	2.5	PTFE	1
160.202.03	250	29/32	4	PTFE	1
160.202.04	500	29/32	4	PTFE	1
160.202.05	1000	29/32	6	PTFE	1
160.202.06	2000	29/32	6	PTFE	1

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

PE



ENQUIRE

Funnel, Dropping, Cylindrical With Glass Stopcock

- Made from DIN ISO 3585, BORO 3.3 GLASS
- Complies with ISO 4800 Standard
- With PE Stopper

Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of
154.203.02	50	14/23	2.5	Solid Glass	1
154.204.02*	50	29/32	2.5	Solid Glass	1
154.203.03	100	14/23	2.5	Solid Glass	1
154.204.03*	100	29/32	2.5	Solid Glass	1
154.202.04	250	29/32	4	Solid Glass	1
154.202.05	500	29/32	4	Solid Glass	1
154.202.06	1000	29/32	6	Solid Glass	1

3.3
BORO
GLASS



ENQUIRE

* Non DIN



Funnel, Dropping, Cylindrical With Needle Valve Stopcock

- Made from DIN ISO 3585, BORO 3.3 GLASS
- Complies with ISO 4800 Standard
- Available with PE Stopper
- Bore 0-3mm

Item Code	Capacity (ml)	N/S	Stopcock Type	Pack of
156.203.02	50	14/23	Needle Valve	1
156.204.02*	50	29/32	Needle Valve	1
156.203.03	100	14/32	Needle Valve	1
156.204.03*	100	29/32	Needle Valve	1
156.202.04	250	29/32	Needle Valve	1
156.202.05	500	29/32	Needle Valve	1
156.202.06	1000	29/32	Needle Valve	1

3.3
BORO
GLASS



ENQUIRE

* Non DIN



Funnel, Dropping, Cylindrical With PTFE Stopcock

- Made from DIN ISO 3585, BORO 3.3 GLASS
- Complies with ISO 4800 Standard
- With PE Stopper

Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of
158.203.02	50	14/23	2.5	PTFE	1
158.204.02*	50	29/32	2.5	PTFE	1
158.203.03	100	14/23	2.5	PTFE	1
158.204.03*	100	29/32	2.5	PTFE	1
158.202.04	250	29/32	4	PTFE	1
158.202.05	500	29/32	4	PTFE	1
158.202.06	1000	29/32	6	PTFE	1

3.3
BORO
GLASS



ENQUIRE

* Non DIN



Funnels



Funnel, Separating, Cylindrical With Glass Stopcock

- Made from DIN ISO 3585, BORO 3.3 GLASS
- Complies with DIN 4800 Standards
- With PE Stopper
- With Cone & Stem

Item Code	Capacity (ml)	N/S	Bore Size	Stopcock Type	Pack of
165.202.02	50	14/23	2.5	Solid Glass	1
165.202.02A*	50	29/32	2.5	Solid Glass	1
165.202.03	100	14/23	2.5	Solid Glass	1
165.202.03A*	100	29/32	2.5	Solid Glass	1
165.202.05A	250	29/32	4	Solid Glass	1
165.202.06A	500	29/32	4	Solid Glass	1
165.202.07A	1000	29/32	6	Solid Glass	1

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

GLASS

PE

WITH CONE
& SOCKET



ENQUIRE

* Non DIN



Funnel, Separating, Cylindrical With Needle Valve Stopcock

- Made from DIN ISO 3585, BORO 3.3 GLASS
- Complies with DIN 4800 Standards
- With PE Stopper
- With cone & stem

Item Code	Capacity (ml)	N/S	Stopcock Type	Pack of
166.202.02	50	14/23	Needle Valve	1
166.202.02A*	50	29/32	Needle Valve	1
166.202.03	100	14/32	Needle Valve	1
166.202.03A*	100	29/32	Needle Valve	1
166.202.05A	250	29/32	Needle Valve	1
166.202.06A	500	29/32	Needle Valve	1
166.202.07A	1000	29/32	Needle Valve	1

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

NEEDLE

PE

WITH CONE
& SOCKET



ENQUIRE

* Non DIN



Funnel, Separating, Cylindrical With PTFE Stopcock

- Made from DIN ISO 3585, BORO 3.3 GLASS
- Complies with DIN 4800 Standards
- With PE Stopper
- With cone & stem

Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of
167.202.02	50	14/23	2.5	PTFE	1
167.202.02A*	50	29/32	2.5	PTFE	1
167.202.03	100	14/32	2.5	PTFE	1
167.202.03A*	100	29/32	2.5	PTFE	1
167.202.05A	250	29/32	4	PTFE	1
167.202.06A	500	29/32	4	PTFE	1
167.202.07A	1000	29/32	6	PTFE	1

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

PTFE

PE

WITH CONE
& SOCKET



ENQUIRE

* Non DIN

Funnel, Dropping, Cylindrical, Graduated With Glass Stopcock

- Made from DIN ISO 3585, BORO 3.3 GLASS
- With stem inside cone
- Complies with DIN 4800 Standards
- With PE Stopper

Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of
165.210.02	50	14/23	2.5	Solid Glass	1
165.210.02A*	50	29/32	2.5	Solid Glass	1
165.210.03	100	14/23	2.5	Solid Glass	1
165.210.03A*	100	29/32	2.5	Solid Glass	1
165.210.05	250	29/32	4	Solid Glass	1
165.210.06	500	29/32	4	Solid Glass	1
165.210.07	1000	29/32	6	Solid Glass	1

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

GLASS

PE

WITH CONE
& SOCKET



ENQUIRE

* Non DIN



Funnel, Dropping, Cylindrical, Graduated With PTFE Stopcock

- Made from DIN ISO 3585, BORO 3.3 GLASS
- With stem inside cone
- Designed from DIN 4800 Standards
- With PE Stopper

Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of
167.210.02	50	14/23	2.5	PTFE	1
167.210.02A*	50	29/32	2.5	PTFE	1
167.210.03	100	14/32	2.5	PTFE	1
167.210.03A*	100	29/32	2.5	PTFE	1
167.210.05	250	29/32	4	PTFE	1
167.210.06	500	29/32	4	PTFE	1
167.210.07	1000	29/32	6	PTFE	1

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

PTFE

PE

WITH CONE
& SOCKET



ENQUIRE

* Non DIN



Funnels, Pressure Equalizing, Pear Shape

- Made from DIN ISO 3585, BORO 3.3 GLASS
- With stem inside cone

Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of
171.202.01	50	14/23	2.5	PTFE	1
171.202.02A	100	14/23	2.5	PTFE	1
171.202.04A	250	29/32	4	PTFE	1
171.202.05A	500	29/32	4	PTFE	1

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

PTFE

WITH CONE
& SOCKET



ENQUIRE





Funnels, Pressure Equalizing, Pear Shape

- Made from DIN ISO 3585, BORO 3.3 GLASS
- With Stem inside cone

Item Code	Capacity (ml)	N/S	Bore Size	Stopcock Type	Pack of
170.202.01	50	14/23	2.5	Solid Glass	1
170.202.02A	100	14/23	2.5	Solid Glass	1
170.202.04A	250	29/32	4	Solid Glass	1
170.202.05A	500	29/32	4	Solid Glass	1

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

GLASS

PE

WITH CONE
& SOCKET



ENQUIRE



Funnel, Pressure Equalizing, Cylindrical

- Made from DIN ISO 3585, BORO 3.3 GLASS
- With Stem inside cone

Item Code	Capacity (ml)	N/S	Bore (mm)	Stopcock Type	Pack of
168.202.01	50	14/23	2.5	Solid Glass	1
168.202.01A	50	29/32	2.5	Solid Glass	1
168.202.02A	100	14/23	2.5	Solid Glass	1
168.202.03A	100	29/32	2.5	Solid Glass	1
168.202.04A	250	29/32	4	Solid Glass	1
168.202.05A	500	29/32	4	Solid Glass	1

3.3
BORO
GLASS

Chemical
Resistant

WHITE
PRINTING

GLASS

PE

WITH CONE
& SOCKET



ENQUIRE

Funnel, Pressure Equalizing, Cylindrical

- Made from DIN ISO 3585, BORO 3.3 GLASS
- With Stem inside cone

Item Code	Capacity (ml)	N/S	Bore Size	Stopcock Type	Pack of
169.202.01	50	14/23	2.5	PTFE	1
169.202.01A	50	29/32	2.5	PTFE	1
169.202.02A	100	14/32	2.5	PTFE	1
169.202.03A	100	29/32	2.5	PTFE	1
169.202.04A	250	29/32	4	PTFE	1
169.202.05A	500	29/32	4	PTFE	1

3.3
BORO
GLASS

 Chemical
Resistant

 WHITE
PRINTING

 PTFE

 PE

 WITH CONE
& SOCKET



ENQUIRE



Funnel, Separatory

- Made of Polypropylene
- Provides excellent contact clarity & Strength
- Is per shaped & autoclavable
- Has leakproof screw cap threaded
- PP stopcock fitted with self lubricating PTFE plug, is push fitted to the stem of funnels

Item Code	Capacity (ml)	Pack of
181.303.01	100	2
181.303.02	250	2
181.303.03	500	2

 SCREW
THREAD

 PP

 121°C
SSSS

 LEAKPROOF



ENQUIRE





Funnel, Separatory, Holder

- Made of Polypropylene
- Non-corrosive front opening provides clear view of the solution, Allows unobstructed placement of separating funnels
- Two tapped wedges ensures firm grip on rods having dia 1/2" or 3/5"

Item Code	Type	Pack of
114.303.01	Separator Funnel Holder	12



PP



ENQUIRE



Funnel, Holder

- Made of Polypropylene
- Are corrosion free
- Can hold funnels with dia 3" to 6"
- Extra plate provided can be placed to hold funnels bearing dia 1" to 3"
- Two tapered wedges ensure firm grip on Rods having dia 1/2" or 3/8"

Item Code	Type	Pack of
113.303.01	Funnel Holder	12



PP



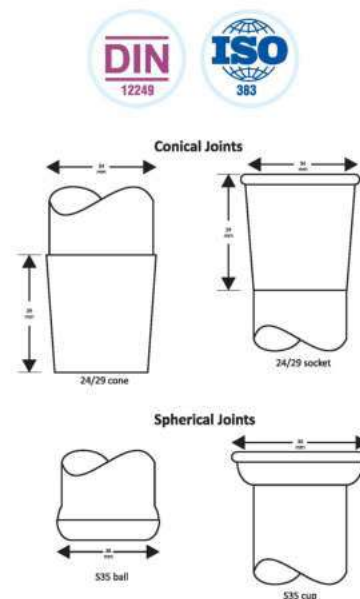
ENQUIRE

JOINTS

- In compliance with ISO 383/DIN 12249 Standards.
- Unprinted sockets to avoid getting printed charred
- Smooth grinding surface finish to avoid leakage

Conical Joints

Size	Actual Dia of Wide End (mm)	Actual Dia of Narrow End (mm)	Nominal Length of Engagement (mm)
10/19	10.0	8.1	19
12/21	12.5	10.4	21
14/23	14.5	12.2	23
19/26	18.8	16.2	26
24/29	24.0	21.1	29
29/32	29.2	26.0	32
34/35	34.5	31.0	35
40/38*	40.0	36.2	38
45/40	45.0	41.0	40
50/42*	50.0	45.8	42
55/44*	55.0	50.6	44



* Non DIN

Socket, Unprinted

Item Code	Socket Size	Approx. O.D. of tube (mm)	Total Length (mm)	Pack of
001.202.02	10/19	13	120±10	10
001.202.03	12/21	16	120±10	10
001.202.04	14/23	18	120±10	10
001.202.05	19/26	22	125±10	10
001.202.06	24/29	28	135±10	10
001.202.07	29/32	32	135±10	10
001.202.08	34/35	38	150±10	10
001.202.09*	40/38	45	150±10	10
001.202.10	45/40	50	150±10	10
001.202.11*	50/42	55	150±10	10
001.202.12*	55/44	60	150±10	10



* Non DIN



ENQUIRE





Cone, Unprinted

Item Code	Socket Size	Approx. O.D. of tube (mm)	Total Length (mm)	Pack of
002.202.02	10/19	8	120±10	10
002.202.03	12/21	9	120±10	10
002.202.04	14/23	13	120±10	10
002.202.05	19/26	16	125±10	10
002.202.06	24/29	22	135±10	10
002.202.07	29/32	26	135±10	10
002.202.08	34/35	30	150±10	10
002.202.09*	40/38	36	150±10	10
002.202.10	45/40	40	150±10	10
002.202.11*	50/42	45	150±10	10
002.202.12*	55/44	50	150±10	10

3.3
BORO
GLASS



ENQUIRE

* Non DIN



Cone, With drip tip, Unprinted

Item Code	Socket Size	Approx. O.D. of tube (mm)	Total Length (mm)	Pack of
003.202.03	12/21	9	120±10	10
003.202.04	14/23	13	120±10	10
003.202.05	19/26	16	120±10	10
003.202.06	24/29	22	150±15	10
003.202.07	29/32	26	150±15	10
003.202.08	34/35	30	150±15	10
003.202.09*	40/38	36	150±15	10
003.202.10	45/40	40	150±15	10
003.202.11*	50/42	45	150±15	10
003.202.12*	55/44	50	150±15	10

3.3
BORO
GLASS



ENQUIRE

* Non DIN



Socket, Double

• Complies with DIN 12249 standard

Item Code	Socket Size	Approx. O.D. of tube (mm)	Total Length (mm)	Pack of
006.202.02*	10/19	14	135±2	10
006.202.03	14/23	18	135±2	10
006.202.04	19/26	22	140±2	10
006.202.05	24/29	28	170±5	10
006.202.06	29/32	32	170±5	10
006.202.07	34/35	38	180±5	10

3.3
BORO
GLASS



ENQUIRE

* Non DIN

Keck Clips for Joints

- Chemical resistant
- Autoclavable to max. temperature of 135°C.

Item Code	N/S	Colour	Pack of
007.204.03	14/23	Yellow	100
007.204.04	19/26	Blue	100
007.204.05	24/29	Green	100
007.204.06	29/32	Red	100



ENQUIRE



Spherical Joint, Ball

- Complies with DIN 12264 standard
- Can be used for Connection upto 15°, higher angle reduces the tightness of connections, easy detachable.
- Standard joints are used for further processing.

Item Code	Cup Joint (Male)	Code Approx. Bore	Minimum Shank Length (mm)	Pack of
008.202.02	S13	5	100	10
008.202.03	S19	9	100	10
008.202.04	S29	15	100	10
008.202.05	S35	19	100	10
008.202.06	S41	27	100	10

3.3
BORO
GLASS



* Non DIN



ENQUIRE



Spherical Joint, Cup

- Complies with DIN 12264 standard

Item Code	Cup Joint (Male)	Code Approx. Bore	Minimum Shank Length (mm)	Pack of
009.202.02	S13	5	100	10
009.202.03	S19	9	100	10
009.202.04	S29	15	100	10
009.202.05	S35	19	100	10
009.202.06	S41	27	100	10

3.3
BORO
GLASS



* Non DIN



ENQUIRE





Metal clamp for spherical joint clips

Item Code	Socket Size	Pack of
010.202.01	JOINTS CLIPS METAL S13	10
010.202.02	JOINTS CLIPS METAL S19	10
010.202.03	JOINTS CLIPS METAL S29	10
010.202.04	JOINTS CLIPS METAL S35	10
010.202.05	JOINTS CLIPS METAL S41	10



ENQUIRE



Gloves, Laboratory

• Made of Nitrile

Item Code	Size (mm)	Pack of
505.303.07	Small	50 Pairs
505.303.08	Medium	50 Pairs
505.303.09	Large	50 Pairs



ENQUIRE



Microscopic Slides

Item Code	Size (mm)	Pack of
565.303.01	Ground edges, Plain 76/26	50
565.303.02	Ground edges, Double sides frosted	50



ENQUIRE

Box, Slide

- Made of Polystyrene
- Durable, compact & provide utmost protection to 1" x 3' slides
- Heavy walls will not warp, splinter or crack
- Boxes are unaffected by humidity and are thoroughly insect proof

Item Code	Quantity	Pack of
129.303.01	25 Slides	12
129.303.02	50 Slides	12
129.303.03	100 Slides	6



ENQUIRE



Cover Glass

- Comes in 0.13 - 0.17 mm Thickness

Item Code	Size	Pack of
566.303.01	18 x 18	50
566.303.03	22 x 22	50
566.303.05	22 x 30	50
566.303.06	22 x 40	50
566.303.07	22 x 50	50
566.303.08	22 x 60	50



DURABLE



ENQUIRE



Soft Loop Sterile

- Made of Polystyrene

Item Code	Capacity	Pack of
202.303.01	1ul (Soft Loopes) Red	100
202.303.02	10ul (Soft Loopes) Yellow	100



PS



ENQUIRE





Stirrer

- Made of Polypropylene
- Useful for stirring different solutions in the laboratory
- Are tough and long lasting

Item Code	Dia. (mm)	Length	Pack of
193.303.01	6	150	12
193.303.02	7	200	12
193.303.03	7	250	12
193.303.04	7	300	12
193.303.05	10	250	12



ENQUIRE



Wire Gauge

- Ceramic Center
- Goes Upto 800°C

Item Code	Size (mm)	Pack of
524.303.01	100 x 100	10
524.303.02	125 x 125	10
524.303.03	150 x 150	10
524.303.04	200 x 200	10



ENQUIRE



Weighing Scoops

- Open tubular arm
- Suitable for weighing small quantities of dyes or powders

Item Code	Size (mm)	Pack of
245.202.00	0.5	10
245.202.00A	1	10
245.202.00B	2	10
245.202.01	3	10
245.202.02	6	10
245.202.03	10	10

3.3
BORO
GLASS



ENQUIRE

Glass Stirrer

- Ideal for very sensitive samples
- Made from polished 3.3 borosilicate glass

Item Code	O.D. x Length (mm)	Quantity
090.202.02	7 x 150	20
090.202.02A	7 x 205	20
090.202.02B	7 x 255	20
090.202.02C	7 x 305	20
090.202.04	9 x 150	20
090.202.04A	9 x 205	20
090.202.04B	9 x 255	20
090.202.04C	9 x 305	20

3.3
BORO
GLASS



ENQUIRE



Boxes, Storage

- Made of polypropylene
- Prove to be an excellent option for storage of different powdered reagents & other material in the laboratory
- Square shape of these boxes help in saving shelf space
- Autoclavable
- Provide good chemical resistance & heavy duty service

Item Code	Size (ml)	Pack of
189.303.01	250	12
189.303.02	500	12
189.303.03	1000	12



ENQUIRE



Jars, Specimen

- Made from Soda glass
- Specially blown to give sturdiness and long life
- Top edges are flat ground
- Not recommended for use over a direct flame or on a hot plate
- Covers are made from Soda glass

Item Code	Approx Quantity L X B X H (mm)	Pack of
208.303.02	215 x 100 x 140	1
208.303.03	170 X 130 x 210	1
208.303.04	140 X 140 x 220	1
208.303.05	225 X 125 x 225	1
208.303.06	250 X 150 x 250	1

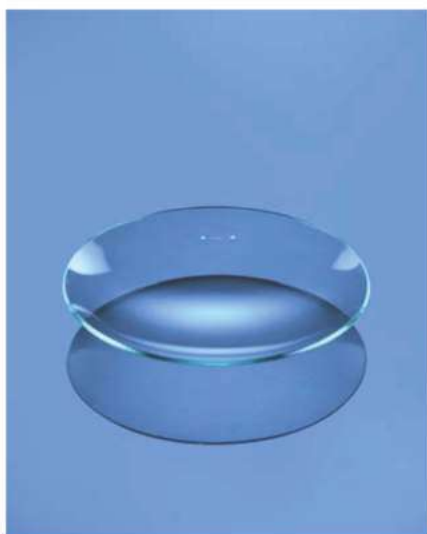
Soda
Glass



ENQUIRE



*Prices on request for borosilicate specimen jar



Watch Glass, Soda Glass

Item Code	Size (mm)	Pack of
564.303.07	50	10
564.303.08	65	10
564.303.08A	60	10
564.303.09	75	10
564.303.09A	80	10
564.303.09B	90	10
564.303.10	100	10
564.303.11	125	10
564.303.12	150	10



ENQUIRE



Parafilm M Dispenser

- Made of Acrylic
- Used for storing, dispensing and cutting Parafilm® M
- Can hold both 2" & 4" rolls, Tapes & labels
- Can be easily cut through super sharp serrated blades
- Openable top lid allow easy filling into the dispenser

Item Code	Size (mm)	Pack of
250.303.01	180 x 120 x 160	1



SPACE SAVER



ENQUIRE



Natural Rubber Cones:

Item Code	Size of Flask (mm)	Pack of
404.303.01	250	4
404.303.02	500	4
404.303.03	1000	4
404.303.04	2000	4
404.303.05	5000	4
404.303.06	10000	4



NATURAL



ENQUIRE

Silicon Rubber Cones:

Item Code	Size of Flask (mm)	Pack of
404.363.01	250	4
404.363.02	500	4
404.363.03	1000	4
404.363.04	2000	4
404.363.05	5000	4
404.363.06	10000	4

SiO₂



ENQUIRE



Item Code	Description	Pack of
355.202.01	Both end open Melting point capillary 5" long 1/100, 125mm	1 Vial
356.202.01	Plano Haemometer	1 Pcs
357.202.01	Haemocytometer Standard with WBC & RBC PPT.	1 Set
358.202.01	Neubauer Counting Chamber Standard	1 Pcs
359.202.01	SQUARE TUBES: Manufactured from borosilicate glass tubing • Capacity: 14.5 & 17Gram Use for to Measure Hemoglobin Percentage in Blood • Manufactured as per I.S.I.Specification.	1 Pcs
360.202.01	ZERO ERROR 20CMM PIPETTE (HB PIPETTE) • Manufactured by borosilicate Glass Attached with Silicon Rubber Tubing • Piece Approximate (Length 6" O.D.6 mmX 1mm Wall thickness) • Manufactured as per I.S.I.Specification	1 Pcs
361.202.01	DROPPER: Made of Glass with Rubber Bung	1 Pcs
362.202.01	ESRITE PIPETTE: Packing Size 1 Pk (Contain 10 Pcs & 5 Pcs) • Made of Borosilicate Glass. • To be used for Erythrocyte Sedimentation Rate. • Available in two different types i.e. One End Ground & Other One is Graduated with Printed scale • Autoclavable	1 Pcs
363.202.01	WESTERN GREEN PIPETTE: 1 Pck Consist 10Pcs. • Made of Borosilicate Glass. • Graduation Printed on glass tubing. • One End Graduated to be use for Erythrocyte Sedimentation Rate. • Manufactured as per I.S.I. Specification • Autoclavable	1 Pcs
364.202.01	W.G. Apparatus (E.S.R.) Powder Coated (6 Tube) • Made of Aluminium with Powder Coated for 6 ESR.	1 Pcs
365.202.01	W.B.C. PIPETTE: • Made of Borosilicate Glass. With Rubber Tubing attach with Mouth Piece individually pack	1 Pcs
366.202.01	R.B.C. PIPETTE: • Made of Borosilicate Glass. With Rubber Tubing attach with Mouth Piece individually pack	1 Pcs
367.202.01	NON HEPERNISED CAPILLARY 1/100, 75MM	1 Vial



Variable Micropipette, High Performance Micro Volume Pipette, Single Channel

- Fully autoclavable & UV resistance
- Ergonomic Design ensuring light weight & soft plunger movement.
- Two step plunger operation allows "reverse pipetting technique".
- Calibration as per DIN 12650 & EN-ISO 8655 standards.
- High accuracy and precision guaranteed.
- Individual serial No. permanently marked on each pipette.
- Calibration report enclosed with every pipette.
- Color coded for easy identification

Item Code	Volume Range (µl)	Variable Increment (µl)	Colour	Pack of
500.303.01	0.1 - 2.5	0.01	Pink	1
500.303.02	0.5 - 10	0.1	Purple	1
500.303.03	2 - 20	0.1	Green	1
500.303.04	5 - 50	0.5	Red	1
500.303.05	10 - 100	0.5	Orange	1
500.303.06	50 - 200	1.0	Yellow	1
500.303.07	20 - 200	1.0	Yellow	1
500.303.08	100 - 1000	5.0	Blue	1
500.303.09	200 - 1000	5.0	Blue	1
500.303.10	500 - 5000	50.0	Black	1
500.303.11	1000 - 5000	50.0	Black	1
500.303.12	500 - 10000	100.0	Grey	1
500.303.13	1000 - 10000	100.0	Grey	1



ENQUIRE



Fixed Micropipette

Item Code	Volume Range (µl)	Colour	Pack of
501.303.01	2.5	Pink	1
501.303.02	5	Orange	1
501.303.03	10	Orange	1
501.303.04	20	Orange	1
501.303.05	25	Orange	1
501.303.06	50	Red	1
501.303.07	100	Yellow	1
501.303.08	200	Yellow	1
501.303.09	250	Blue	1
501.303.10	500	Blue	1
501.303.11	1000	Blue	1
501.303.12	2000	Black	1
501.303.13	5000	Black	1
501.303.14	10000	Black	1



ENQUIRE

High Performance Micro Volume Pipette, Multi Channel

- Fully autoclavable.
- UV resistance.
- Ergonomic Design ensuring light weight & soft plunger movement.
- Two step plunger operation allows "reverse pipetting technique".
- Calibration as per DIN 12650 & EN-ISO 8655 standards.
- High accuracy and precision guaranteed.
- Individual serial No. permanently marked on each pipette.
- Calibration report enclosed with every pipette.
- Color coded for easy identification.
- Manifold can rotate 360° to allow convenient pipetting angle.
- One hand tip ejection.

Eight Channel Micropipette

Item Code	Volume Range (µl)	Variable Increment (µl)	Colour	Pack of
500.303.14	0.5 - 10	0.1	Purple	1
500.303.15	5 - 50	0.5	Red	1
500.303.16	10 - 100	0.5	Orange	1
500.303.17	20 - 200	0.5	Yellow	1
500.303.18	30 - 300	1.0	Light Orange	1



ENQUIRE

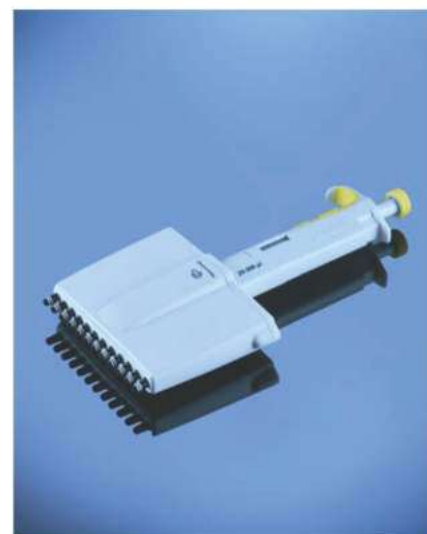


Twelve Channel Micropipette

Item Code	Volume Range (µl)	Variable Increment (µl)	Colour	Pack of
500.303.19	0.5 - 10	0.1	Purple	1
500.303.20	5 - 50	0.5	Red	1
500.303.21	10 - 100	0.5	Orange	1
500.303.22	20 - 200	0.5	Yellow	1
500.303.23	30 - 300	1.0	Light Orange	1



ENQUIRE



Universal Graduated Tips

Bulk Pack :

- Packed in Polyethylene bag with easy tearing.
- Perforation & Zip lock - Double sealing provides better protection against contamination and spillage while in use
- Free DNase, RNase, Human DNA, Pyrogen & PCR inhibitor
- All Micropipettes come in 1000 Pcs.



10 µl Universal Graduated Tips, 1000 Tips per pack

Item Code	Sterile	Low Retention	Filter	Pack of
500.10.B	-	-	-	1000
500.10.S.B	✓	-	-	1000
500.10.F.B	-	-	✓	1000
500.10.S.L.B	✓	✓	-	1000
500.10.S.F.B	✓	-	✓	1000
500.10.S.L.F.B	✓	✓	✓	1000



ENQUIRE

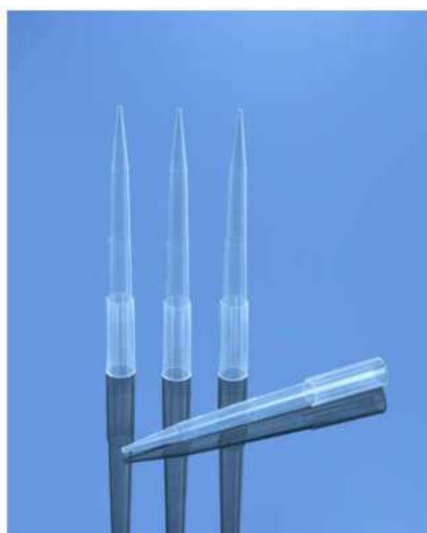


10 µl Long Universal Graduated Tips, 1000 Tips per pack

Item Code	Sterile	Low Retention	Filter	Pack of
500.10XL.B	-	-	-	1000
500.10XL.S.B	✓	-	-	1000
500.10XL.F.B	-	-	✓	1000
500.10XL.S.L.B	✓	✓	-	1000
500.10XL.S.F.B	✓	-	✓	1000
500.10XL.S.L.F.B	✓	✓	✓	1000



ENQUIRE



20 µl Universal Graduated Tips, 1000 Tips per pack

Item Code	Sterile	Low Retention	Filter
500.20.F.B	-	-	✓
500.20.S.F.B	✓	-	✓
500.20.S.L.F.B	✓	✓	✓



ENQUIRE

50 µl Universal Graduated Tips, 1000 Tips per pack

Item Code	Sterile	Low Retention	Filter	Pack of
500.50.F.B	-	-	✓	1000
500.50.S.F.B	✓	-	✓	1000
500.50.S.L.F.B	✓	✓	✓	1000



ENQUIRE



Bulk Pack:

100 µl Universal Graduated Tips, 1000 Tips per pack

Item Code	Sterile	Low Retention	Filter	Pack of
500.100.F.B	-	-	✓	1000
500.100.S.F.B	✓	-	✓	1000
500.100.S.L.F.B	✓	✓	✓	1000



ENQUIRE



200 µl Universal Graduated Tips, 1000 Tips per pack

Item Code	Sterile	Low Retention	Filter	Pack of
500.200.B	-	-	-	1000
500.200.S.B	✓	-	-	1000
500.200.F.B	-	-	✓	1000
500.200.S.L.B	✓	✓	-	1000
500.200.S.F.B	✓	-	✓	1000
500.200.S.L.F.B	✓	✓	✓	1000



ENQUIRE



Liquid Handling



1000 µl Universal Graduated Tips, 1000 Tips per pack				
Item Code	Sterile	Low Retention	Filter	Pack of
500.1000.B	-	-	-	1000
500.1000.S.B	✓	-	-	1000
500.1000.F.B	-	-	✓	1000
500.1000.S.L.B	✓	✓	-	1000
500.1000.S.F.B	✓	-	✓	1000
500.1000.S.L.F.B	✓	✓	✓	1000



ENQUIRE



1250 µl Universal Graduated Tips, 1000 Tips per pack				
Item Code	Sterile	Low Retention	Filter	Pack of
500.1000XL.B	-	-	-	1000
500.1000XL.S.B	✓	-	-	1000
500.1000XL.F.B	-	-	✓	1000
500.1000XL.S.L.B	✓	✓	-	1000
500.1000XL.S.F.B	✓	-	✓	1000
500.1000XL.S.L.F.B	✓	✓	✓	1000

Item Code	Tip Vol. (µl)	Sterile	Low Retention	Filter	Pack of
500.303.05	5000	-	-	-	100
500.303.06	10000	-	-	-	100



ENQUIRE



ENQUIRE



Pipette Stand, Acrylic

Item Code	Capacity	Pack of
590.303.01	1 Pipette	1000
590.303.02	4 Pipette	1000
590.303.03	6 Pipette	1000



ENQUIRE

Rack

- Fully autoclavable & Stackable
- Hinge rack allows single hand operation
- Color coded tray for Easy identification
- Free from DNase, RNase, Human DNA, Pyrogen & PCR inhibitor

Item Code	Tips Volume (µl)	Description (1 Box Consist of)	Sterile	Low Retention	Filter	Pack
500.10.R	10	96 Tips x 10 Racks	-	-	-	1
500.10.S.R	10	96 Tips x 10 Racks	✓	-	-	1
500.10.F.R	10	96 Tips x 10 Racks	-	-	✓	1
500.10.S.L.R	10	96 Tips x 10 Racks	✓	✓	-	1
500.10.S.F.R	10	96 Tips x 10 Racks	✓	-	✓	1
500.10.S.L.F.R	10	96 Tips x 10 Racks	✓	✓	✓	1
500.10XL.R	10 (Long)	96 Tips x 10 Racks	-	-	-	1
500.10XL.S.R	10 (Long)	96 Tips x 10 Racks	✓	-	-	1
500.10XL.F.R	10 (Long)	96 Tips x 10 Racks	-	-	✓	1
500.10XL.S.L.R	10 (Long)	96 Tips x 10 Racks	✓	✓	-	1
500.10XL.S.F.R	10 (Long)	96 Tips x 10 Racks	✓	-	✓	1
500.10XL.S.L.F.R	10 (Long)	96 Tips x 10 Racks	✓	✓	✓	1
500.20.F.R	20	96 Tips x 10 Racks	-	-	✓	1
500.20.S.F.R	20	96 Tips x 10 Racks	✓	-	✓	1
500.20.S.L.F.R	20	96 Tips x 10 Racks	✓	✓	✓	1
500.50.F.R	50	96 Tips x 10 Racks	-	-	✓	1
500.50.S.F.R	50	96 Tips x 10 Racks	✓	-	✓	1
500.50.S.L.F.R	50	96 Tips x 10 Racks	✓	✓	✓	1
500.100.F.R	100	96 Tips x 10 Racks	-	-	✓	1
500.100.S.F.R	100	96 Tips x 10 Racks	✓	-	✓	1
500.100.S.L.F.R	100	96 Tips x 10 Racks	✓	✓	✓	1
500.200.R	200	96 Tips x 10 Racks	-	-	-	1
500.200.S.R	200	96 Tips x 10 Racks	✓	-	-	1
500.200.F.R	200	96 Tips x 10 Racks	-	-	✓	1
500.200.S.L.R	200	96 Tips x 10 Racks	✓	✓	-	1
500.200.S.F.R	200	96 Tips x 10 Racks	✓	-	✓	1
500.200.S.L.F.R	200	96 Tips x 10 Racks	✓	✓	✓	1
500.1000.R	1000	96 Tips x 6 Racks	-	-	-	1
500.1000.S.R	1000	96 Tips x 6 Racks	✓	-	-	1
500.1000.F.R	1000	96 Tips x 6 Racks	-	-	✓	1
500.1000.S.L.R	1000	96 Tips x 6 Racks	✓	✓	-	1
500.1000.S.F.R	1000	96 Tips x 6 Racks	✓	-	✓	1
500.1000.S.L.F.R	1000	96 Tips x 6 Racks	✓	✓	✓	1
500.1000XL.R	1250	96 Tips x 6 Racks	-	-	-	1
500.1000XL.S.R	1250	96 Tips x 6 Racks	✓	-	-	1
500.1000XL.F.R	1250	96 Tips x 6 Racks	-	-	✓	1
500.1000XL.S.L.R	1250	96 Tips x 6 Racks	✓	✓	-	1
500.1000XL.S.F.R	1250	96 Tips x 6 Racks	✓	-	✓	1
500.1000XL.S.L.F.R	1250	96 Tips x 6 Racks	✓	✓	✓	1



Autoclavable

Stackable



ENQUIRE



Reloading Tray

- Reload rack with minimal efforts
- Tips pre- arranged in 8x12 format
- Minimal wastage
- Free from DNase, RNase, Human DNA, Pyrogen & PCR inhibitor

Item Code	Tips Volume (µl)	Description (1 Box Consist of)	Sterile	Low Retention	Pack of
500.10.K	10	96 Tips x 10 Racks	-	-	1
500.10.S.K	10	96 Tips x 10 Racks	✓	-	1
500.10.S.L.K	10	96 Tips x 10 Racks	✓	✓	1
500.200.K	200	96 Tips x 10 Racks	-	-	1
500.200.S.K	200	96 Tips x 10 Racks	✓	-	1
500.200.S.L.K	200	96 Tips x 10 Racks	✓	✓	1
500.1000.K	1000	96 Tips x 5 Racks	-	-	1
500.1000.S.K	1000	96 Tips x 5 Racks	✓	-	1
500.1000.S.L.K	1000	96 Tips x 5 Racks	✓	✓	1
500.1000XL.K	1250	96 Tips x 6 Racks	-	-	1
500.1000XL.S.K	1250	96 Tips x 6 Racks	✓	-	1
500.1000XL.S.L.K	1250	96 Tips x 6 Racks	✓	✓	1



ENQUIRE

Tips Empty Racks

Item Code	Capacity (ml)	Pack of
500.10.E.R	Tip rack empty for 10µl tips	1
500.200.E.R	Tip rack empty for 200µl tips	1
500.1000.E.R	Tip rack empty for 1000µl tips	1
500.1000XL.E.R	Tip rack empty for 1250µl tips	1

Autoclavable

Stackable



ENQUIRE

GLASSCO BOTTLE TOP DISPENSER

With Re-Circulation Valve

- Fully autoclavable at 121°C, 15 psi for 10-15 mins.
- "CE" mark awarded.
- Smooth & soft plunger for ease of working.
- Highly robust and reliable dispensing technique.
- It has re-circulation valve for re-directing the liquid into the bottle for bubble free dispensing without any loss of reagent.
- Adjustable delivery nozzle to facilitate dispensing ease in all demanding laboratory conditions. 180° Rotation for easy & effortless volume setting.
- Specially designed adapter allows 360° rotation, providing full flexibility in working.
- Specially designed, springless, PTFE valve manifold ensures high chemical compatibility and jamming free valve functioning.
- PTFE Piston with ETP O-Ring ensures very high chemical compatibility & wiper like smooth, effortless piston movement.
- Adaptors to fit most of the laboratory reagent bottles are provided in the following sizes : 28,30,32,36,40 & 45 mm.
- Calibration as per ISO 8655 standards.



Specifications & Ordering Information

Model No.	Vol. Range	Increment	ISO 8655 Specifications				Glassco Specification				Pack of
			CV ±%	CV ±ml	CV ±%	CV ±ml	Accuracy ±%	Accuracy ±ml	CV ±%	CV ±ml	
500.444.01	0.25-2.5 ml	0.5 ml	0.6	0.015	0.2	0.005	0.6	0.015	0.2	0.005	1
500.444.02	0.5-5 ml	0.1 ml	0.5	0.030	0.2	0.010	0.5	0.025	0.1	0.005	1
500.444.03	1-10 ml	0.2 ml	0.5	0.060	0.2	0.020	0.5	0.050	0.1	0.010	1
500.444.04	2.5-30 ml	0.5 ml	0.5	0.180	0.2	0.060	0.5	0.150	0.1	0.030	1
500.444.05	5-60 ml	1.0 ml	0.5	0.360	0.2	0.120	0.5	0.300	0.1	0.060	1
500.444.06	10-100 ml	2.0 ml	0.5	0.600	0.2	0.200	0.5	0.500	0.1	0.100	1



ENQUIRE

GLASSCO BOTTLE TOP DISPENSER

Without Re-Circulation Valve

Model No.	Vol. Range	Increment	ISO 8655 Specifications				Glassco Specification				Pack of
			CV ±%	CV ±ml	CV ±%	CV ±ml	Accuracy ±%	Accuracy ±ml	CV ±%	CV ±ml	
500.555.01	0.25-2.5 ml	0.5 ml	0.6	0.015	0.2	0.005	0.6	0.015	0.2	0.005	1
500.555.02	0.5-5 ml	0.1 ml	0.6	0.030	0.2	0.010	0.5	0.025	0.1	0.005	1
500.555.03	1-10 ml	0.2 ml	0.6	0.060	0.2	0.020	0.5	0.050	0.1	0.010	1
500.555.04	2.5-30 ml	0.5 ml	0.6	0.180	0.2	0.060	0.5	0.150	0.1	0.030	1
500.555.05	5-60 ml	1.0 ml	0.6	0.360	0.2	0.120	0.5	0.300	0.1	0.060	1
500.555.06	10-100 ml	2.0 ml	0.6	0.600	0.2	0.200	0.5	0.500	0.1	0.100	1



ENQUIRE


GLASSCO BOTTLE TOP DISPENSER

With Dual Intel Technology

- Fully autoclavable at 121°C , 15 psi for 10-15 mins.
- "CE" mark awarded.
- Refill the bottle & rinse the instrument WITHOUT DISMOUNTING from bottle.
- Patented technology that combines unique functionality, user-friendliness & performance.
- First ever Dispenser offering Dilution , Rinsing , Dual Liquid Handling & Re-circulation in a single unit.
- Adjustable delivery nozzle to facilitate dispensing ease in all demanding laboratory conditions
- 180° Rotation for easy & effortless volume setting.
Specially designed adapter allows 360° rotation, providing full flexibility in working.
- Specially designed, springless, PTFE valve manifold ensures high chemical compatibility and jamming free valve functioning.
- PTFE Piston with ETP O-Ring ensures very high chemical compatibility & wiper like smooth, effortless piston movement.
- Adaptors to fit most of the laboratory reagent bottles are provided in the following sizes : 28,30,32,36,40 & 45 mm.
Calibration as per ISO 8655 standards.

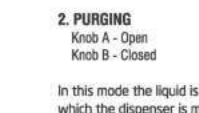
PATENTED





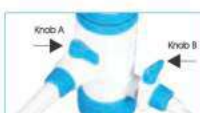
1. STANDARD DISPENSING
Knob A - Open
Knob B - Closed


In this mode the dispenser dispenses the liquid normally into the receiver from the bottle it is mounted on.



2. PURGING
Knob A - Open
Knob B - Closed

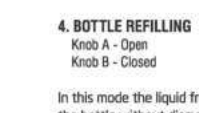
In this mode the liquid is re-circulated into the same bottle on which the dispenser is mounted. This process removes the air from the dispenser without wasting any reagent.






3. DILUTION/RINSING/SECOND LIQUID DISPENSING
Knob A - Open
Knob B - Closed

In this mode the liquid from a second source can be dispensed into the receiver. The second liquid can be distilled water, thus allowing the user to rinse the instrument without dismounting from the bottle or for dilution of the reagent in the receiver.



4. BOTTLE REFILLING
Knob A - Open
Knob B - Closed

In this mode the liquid from a second source can be used to refill the bottle without dismounting the dispenser.



Specifications & Ordering Information

Model No.	Vol. Range	Increment	ISO 8655 Specifications				Glassco Specification				
			CV ±%	CV ±ml	CV ±%	CV ±ml	Accuracy ±%	Accuracy ±ml	CV ±%	CV ±ml	Pack of
500.450.01	0.25-2.5 ml	0.5 ml	0.6	0.015	0.2	0.005	0.6	0.015	0.2	0.005	1
500.450.02	0.5-5 ml	0.1 ml	0.6	0.030	0.2	0.010	0.5	0.025	0.1	0.005	1
500.450.03	1-10 ml	0.2 ml	0.6	0.060	0.2	0.020	0.5	0.050	0.1	0.010	1
500.450.04	2.5-30 ml	0.5 ml	0.6	0.180	0.2	0.060	0.5	0.150	0.1	0.030	1
500.450.05	5-60 ml	1.0 ml	0.6	0.360	0.2	0.120	0.5	0.300	0.1	0.060	1
500.450.06	10-100 ml	2.0 ml	0.6	0.600	0.2	0.200	0.5	0.500	0.1	0.100	1



ENQUIRE

Stand, Retort

- Complies with DIN 12892
- Stand material, mild steel, blue powder coated
- Rod Material, mild steel, chrome plated with L-Key

Item Code	Stand Size (mm)	Rod Size mm (Length x dia)	Pack of
309.303.01	150 x 100	500 x 12	2
309.303.02	200 x 125	600 x 12	2
309.303.03	250 x 150	750 x 12	2

MS

L-Key



ENQUIRE



Stand, Retort

- Complies with DIN 12892
- Stand material, Cast Iron, hammer tone
- Rod Material, mild steel, chrome plated with L-Key

Item Code	Stand Size (mm)	Rod Size mm (Length x dia)	Pack of
310.303.01	150 x 100	450 x 10	2
310.303.02	175 x 125	600 x 12	2
310.303.03	200 x 125	600 x 12	2
310.303.04	200 x 125	600 x 12	2
310.303.05	225 x 150	750 x 12	2
310.303.06	250 x 150	600 x 12	2
310.303.07	250 x 200	750 x 12	2
310.303.08	300 x 175	900 x 12	2
310.303.09	250 x 150	750 x 12	2

MS

L-Key



ENQUIRE



Ring, Retort

- Material Mild Steel, hammer tone
- Available with boss head

Item Code	Size (mm)	Pack of
313.303.01	50	4
313.303.02	62.5	4
313.303.03	75	4
313.303.04	100	4
313.303.05	125	2
313.303.06	150	2
313.303.07	200	2

MS



ENQUIRE





Rod, Retort

- Material Mild Steel & Stainless Steel, chrome plated

Item Code	Size (mm)	Material	Pack of
371.303.01	500	MS	5
371.303.02	600	MS	5
371.303.03	750	MS	5
371.303.04	500	SS	5
371.303.05	600	SS	5
371.303.06	750	SS	5

Retort Ring with Rod

- Material mild steel, chrome plated

Item Code	Rod Length (mm)	Rod Dia (mm)	Ring Inner Dia	Type	Pack of
393.303.01	160	7	50	Rod	4
393.303.02	200	7	70	Rod	4
393.303.03	220	8	100	Rod	4
393.303.04	220	8	120	Rod	2

MS

Chrome Coated



ENQUIRE



ENQUIRE



Ring, Retort

- Material mild steel, chrome plated
- Available with bosshead
- Bosshead to steel rod dia 14mm

Item Code	Rod Length (mm)	Rod Dia (mm)	Ring Inner Dia	Type	Pack of
393.303.06	70	7	50	Bosshead	4
393.303.07	70	7	70	Bosshead	4
393.303.08	70	8	100	Bosshead	4
393.303.09	70	8	120	Bosshead	2

MS

Chrome Coated



WITH BOSSHEAD



ENQUIRE

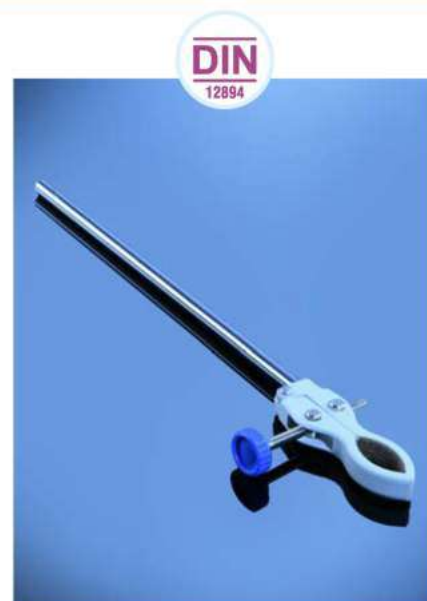
Clamp, Retort

- Complies with DIN 12894
- Cross pattern
- Die-casted
- To hold upto 65 mm

Item Code	Type	Pack of
324.303.01	Aluminium, Cork Lined	2
324.303.04	Zinc, Cork Lined	2



ENQUIRE



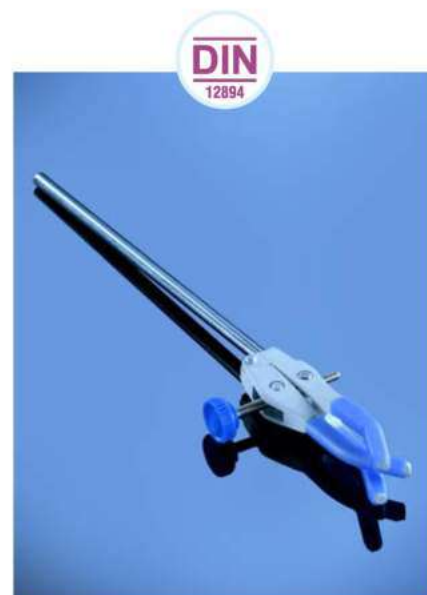
Clamp, Retort

- Complies with DIN 12894
- 3 Prong
- Material Aluminium, diecasted - Powder Coated
- Hold upto 50-65 mm circle
- MS Rod chrome plated

Item Code	Type	Pack of
326.303.02	3 Prong	2



ENQUIRE



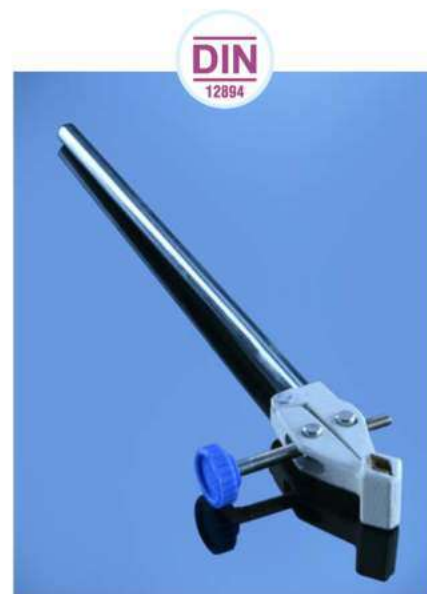
Clamp, Universal

- Complies with DIN 12894
- Cork Lined
- Material Aluminium diecasted, powder coated
- MS Rod chrome plated
- Hold upto 50-65 mm circle

Item Code	Type	Pack of
328.303.01	Cork Lined	2



ENQUIRE





Clamp, Condenser

- 4 Prong
- Material Aluminium, Powder Coated
- Hold upto 125 mm circle
- MS Rod chrome plated

Item Code	Type	Pack of
334.303.02	4 Prong	2

AI
DIECASTED

MS
Rod

WHITE POWDER
COATED

FOUR
PRONG



ENQUIRE



Clamp, Condenser

- 3 Prong
- Material Aluminium, Powder Coated
- To hold upto 125 mm circle
- MS Rod chrome plated

Item Code	Type	Pack of
335.303.02	3 Prong	2

AI
DIECASTED

MS
Rod

WHITE POWDER
COATED

FOUR
PRONG



ENQUIRE



Clamp, Retort, Euro Design

- 3 Prong to hold upto 75 mm
- Spring tube, double keys
- Rod with dia 7.5 mm & Length 235 mm
- Material Zinc Alloy, pressure diecasted, Chrome Coated
- Freely swivel, bosshead lockable at 360°C for 14 mm grip

Item Code	Type	Pack of
390.303.01	PVC sleeve with rod	2
390.303.02	Silicone sleeve with rod	2
390.303.03	PVC sleeve with boss Head	2
390.303.04	SILICONE sleeve with boss Head	2

AI
DIECASTED

MS
Rod

WHITE POWDER
COATED

3 PRONG

WITH
BOSSHEAD

ZINC
Alloy

SiO₂
Sleeved



ENQUIRE

Clamp, Retort (Euro Design)

- 2 Prong to hold upto 80 mm
- Spring tube, double keys
- Rod with dia 7.5 mm & Length 235 mm
- Material Zinc Alloy, pressure diecasted, Chrome Coated
- Freely swivel, bosshead lockable at 360°C for 14 mm grip

Item Code	Type	Pack of
391.303.01	Cork Lined with rod	2
391.303.02	PVC sleeve with rod	2
391.303.03	SILICONE sleeve with rod	2
391.303.04	Cork lined with boss head	2
391.303.05	PVC sleeve with boss head	2
391.303.06	SILICONE sleeve with boss head	2

AI
DIECASTED

MS
Rod

TWO
PRONG

Chrome
Coated

WITH
BOSSHEAD

ZINC
Alloy

SiO₂
Sleeved



ENQUIRE



Boss Head

- Complies with DIN 12895
- Material Cast Iron, black painted
- Use with retort stand & Condenser Clamp
- To hold upto 25mm

Item Code	Type	Pack of
337.303.03	Hold upto 25mm	4

Cast
Iron

BLACK
PAINTED



ENQUIRE





Boss Head

- Complies with DIN 12895
- To hold upto 20 mm
- Material Cast Iron, black painted
- Use with retort stand & Condenser Clamp

Item Code	Type	Pack of
338.303.03	Hold upto 20mm	4

Cast Iron



ENQUIRE



Boss Head

- Complies with DIN 12895 standard
- Material Aluminium/Zinc, Powder Coated
- To hold upto 16 mm

Item Code	Type	Pack of
341.303.01	Aluminium, Round Screw	4
341.303.04	Zinc, Round Screw	4

ZINC Alloy

SiO₂ Sleeved



ENQUIRE

Stand, Tripod

- Material Cast Iron, black painted
- Available with Round or triangle top

Item Code	Size (mm)	TOP	Pack of
344.303.01	100 x 150	with round top	1
344.303.02	100 x 175	with round top	1
344.303.03	100 x 200	with round top	1
344.303.04	125 x 150	with round top	1
344.303.05	125 x 175	with round top	1
344.303.06	125 x 200	with round top	1
344.303.07	100 x 150	with triangle top	1
344.303.08	100 x 175	with triangle top	1
344.303.09	100 x 200	with triangle top	1
344.303.10	125 x 150	with triangle top	1
344.303.11	125 x 175	with triangle top	1
344.303.12	125 x 200	with triangle top	1

Cast
Iron



ENQUIRE



Jack, Laboratory

All sizes are in millimeters.

Item Code	Type	Size (mm)	Pack of
370.303.09	Stainless Steel	120 x 140	1
370.303.10	Stainless Steel	200 x 200	1
370.303.11	Stainless Steel	250 x 250	1

SS



ENQUIRE





Burner, Bunsen

- Material Casted Iron Black painted
- Brass pipe, chrome plated
- Concentrated higher flame
- With Regulator
- Use with L.P.G.

Item Code	Type	Pack of
347.303.01	Brass pipe, Single Walled	1
347.303.02	Brass pipe, Double Walled	1
347.303.03	High Pressure regulator	1

Cast
Iron



ENQUIRE



Burner, Meaker

- Complies with DIN 30665
- Material Casted Iron base, Red painted
- Brass pipe chrome plated
- Without Regulator
- Use with L.P.G.

Item Code	Pack of
348.303.01	1

Cast
Iron



ENQUIRE



Burner, Meaker

- Complies with DIN 30665
- Material Casted Iron base, Red/ Black painted
- Brass pipe chrome plated
- With Regulator
- Use with L.P.G.

Item Code	Type	Pack of
349.303.01	With Regulator	1
349.303.02	With Regulator, Economy	1

Cast
Iron



ENQUIRE

Spatula

• Material Stainless Steel, Grade 202

Item Code	Size (mm)	Type	Pack of
374.303.01	125	one end spoon and one end flat	10
374.303.02	150	one end spoon and one end flat	10
374.303.03	200	one end spoon and one end flat	10
374.303.04	250	one end spoon and one end flat	10
374.303.05	300	one end spoon and one end flat	10

SS
202



ENQUIRE



Spatula

• Material Stainless Steel, Grade 202

Item Code	Size (mm)	Type	Pack of
374.303.06	125	both end flat	10
374.303.07	150	both end flat	10
374.303.08	200	both end flat	10
374.303.09	250	both end flat	10

SS
202



ENQUIRE



Spatula, Double

• Material Stainless steel, Grade 202

• One end Chattaway & one end flat

Item Code	Size (mm)	Pack of
375.303.01	155	10
375.303.02	205	10
375.303.03	255	10

SS
202



ENQUIRE





Spatula, Double

- Material Stainless steel, Grade 202
- One end tapered, & one end flat, flexible type

Item Code	Size (mm)	Pack of
376.303.01	155	10
376.303.02	260	10
376.303.03	305	10

SS
202



ENQUIRE



Spatula, Micro

- Material Stainless steel, Grade 202
- One end spoon and one side spatula

Item Code	Size (mm)	Pack of
377.303.01	155	10

SS
202



ENQUIRE



Spatula, Knife

- Material SS grade 202
- Available with Wooden Handle

Item Code	Size (mm)	Pack of
541.303.01	100	6
541.303.03	150	6
541.303.04	200	6
541.303.05	250	6
541.303.06	300	6

SS
202



ENQUIRE

Forceps

- Material SS 410 Grade
- Straight fine points

Item Code	Size (mm)	Pack of
531.303.01	100	10
531.303.02	125	10
531.303.03	150	10
531.303.04	200	10
531.303.05	250	10
531.303.06	300	10

SS
410

STRAIGHT
FINE



ENQUIRE



Forceps

- Material SS 410 Grade
- Curved Fine Points

Item Code	Size (mm)	Pack of
532.303.01	100	10
532.303.02	125	10
532.303.03	150	10
532.303.04	200	10
532.303.05	250	10
532.303.06	300	10

SS
410

CURVED
FINE



ENQUIRE



Forceps

- Material SS 410 Grade
- Straight Blunt Points

Item Code	Size (mm)	Pack of
533.303.01	100	10
533.303.02	125	10
533.303.03	150	10
533.303.04	200	10
533.303.05	250	10
533.303.06	300	10

SS
410



ENQUIRE





Forceps

- Material SS 410 Grade
- Curved Blunt Points

Item Code	Size (mm)	Pack of
534.303.01	100	10
534.303.02	125	10
534.303.03	150	10
534.303.04	200	10
534.303.05	250	10
534.303.06	300	10

SS
410

CURVED
FINE



ENQUIRE



Dissecting Set

- Instruments made of SS Grade 202
- Set of 14 Instruments

Item Code	Description	Pack of
536.303.01	made of Stainless Steel, Instruments are Dressing Scissor, Cuticle Scissor, Dressing Forceps, Dissecting Forceps, Flapper, Seeker, Arrow Needle, Needle, Blow Pipe, B.P. Handle with Scalpel Blade, Dropper, Chain Hook, Scalpels, Magnifier Lense.	Zip

SS
202



ENQUIRE



Dissecting Set

- Instruments made of SS Grade 202
- Set of 14 Instruments

Item Code	Description	Pack of
536.303.02	Made of Stainless Steel, Instruments are Dressing Scissor, Cuticle Scissor, Dressing Forceps, Dissecting Forceps, Flapper, Seeker, Arrow Needle, Needle, Blow Pipe, B.P. Handle with Scalpel Blade, Dropper, Chain Hook, Scalpels, Magnifier Lense.	Velcro

SS
202



ENQUIRE

**YOUR PRECISION PARTNER FOR
EVERY EXPERIMENT**



Pipettes

Glassco Graduated Pipettes now comes in Type 1 (Mohr) and Type 3 (Serological).

- Type 1 : These pipettes are for partial delivery having 0 point at top.
- Type 3 : These pipettes are for complete delivery having 0 Point at top.

All are manufactured to meet ISO 835 Standards. These pipettes are calibrated to deliver (TD, EX) + 20° C. All graduated pipettes are calibrated by automatic machines and then the final quality check is done on the quality control centre. The graduated pipettes come in AS class with conformity batch certificate and individual work certificate which is printed in amber colour which fuses into the glass. Each pipette is accompanied with a batch or individual certificate in the pack. You can also download the certificate at www.glasscolabs.com. All A Class pipettes have a waiting time of 5 seconds.



Graduated Pipettes Type 3 (Serological), Class AS

- Complies with ISO 835 Standard
- With individual work certificate

Item Code	Capacity (ml)	Sub Division	Tolerance (±ml)	Colour Code	Pack of
125.223.00	0.1	0.01	0.006	WHITE	5
125.223.00A	0.2	0.01	0.006	BLACK	5
125.223.01	1	0.01	0.007	YELLOW	5
125.223.01A	1	0.10	0.007	RED	5
125.223.02	2	0.02	0.010	BLACK	5
125.223.02A	2	0.10	0.010	GREEN	5
125.223.03	5	0.05	0.030	RED	5
125.223.03A	5	0.10	0.030	BLUE	5
125.223.04	10	0.10	0.050	ORANGE	5
125.223.06	25	0.10	0.100	WHITE	5



ENQUIRE



Graduated Pipettes Type 3 (Serological), Class AS

- Complies with ISO 835 Standard
- With Batch certificate

Item Code	Capacity (ml)	Sub Division	Tolerance (±ml)	Colour Code	Pack of
125.202.00	0.1	0.01	0.006	WHITE	5
125.202.00A	0.2	0.01	0.006	BLACK	5
125.202.01	1	0.01	0.007	YELLOW	5
125.202.01A	1	0.10	0.007	RED	5
125.202.02	2	0.02	0.010	BLACK	5
125.202.02A	2	0.10	0.010	GREEN	5
125.202.03	5	0.05	0.030	RED	5
125.202.03A	5	0.10	0.030	BLUE	5
125.202.04	10	0.10	0.050	ORANGE	5
125.202.06	25	0.10	0.100	WHITE	5



ENQUIRE



Graduated Pipette Type 3 (Serological), CLASS-AS

- Calibrated to deliver in compliance with USP Standard
- Printed in Amber colour enamel
- With Individual work certificate

Item Code	Capacity (ml)	Sub Division	Tolerance (\pm ml)	Colour Code	Pack of
125.220.01	1	0.01	0.010	YELLOW	5
125.220.02	2	0.02	0.010	BLACK	5
125.220.03	5	0.05	0.020	RED	5
125.220.04	10	0.10	0.030	ORANGE	5
125.220.06	25	0.10	0.050	WHITE	5



AMBER PRINTING



Chemical Resistant

AS
CLASS



INDIVIDUAL CERTIFICATE



ENQUIRE



Graduated Pipettes Type 3 (Serological), Class AS

- Complies with USP Standard
- With batch certificate

Item Code	Capacity (ml)	Sub Division	Tolerance (\pm ml)	Colour Code	Pack of
125.461.01	1	0.01	0.010	YELLOW	5
125.461.02	2	0.02	0.010	BLACK	5
125.461.03	5	0.05	0.020	RED	5
125.461.04	10	0.10	0.030	ORANGE	5
125.461.06	25	0.10	0.050	WHITE	5



AMBER PRINTING



Chemical Resistant

AS
CLASS



BATCH CERTIFICATE



ENQUIRE



Graduated Pipettes Type 1 (Mohr), Class AS

- Complies with DIN ISO 835 Standard
- With Individual work Certificate
- Printed in Amber colour

Item Code	Capacity (ml)	Sub Division	Tolerance (\pm ml)	Colour Code	Pack of
125.416.00	0.1	0.01	0.006	WHITE	5
125.416.00A	0.2	0.01	0.006	BLACK	5
125.416.00B	1	0.01	0.007	YELLOW	5
125.416.00C	1	0.10	0.007	RED	5
125.416.01A	2	0.02	0.010	BLACK	5
125.416.01	2	0.10	0.010	GREEN	5
125.416.02A	5	0.05	0.030	RED	5
125.416.02	5	0.10	0.030	BLUE	5
125.416.04	10	0.10	0.050	ORANGE	5
125.416.06B	25	0.10	0.100	WHITE	5



ENQUIRE



Graduated Pipettes Type 3 (Serological), Class AS

- Complies with ISO 835 Standard
- With Batch certificate

Item Code	Capacity (ml)	Sub Division	Tolerance (\pm ml)	Colour Code	Pack of
125.453.00	0.1	0.01	0.006	WHITE	5
125.453.00A	0.2	0.01	0.006	BLACK	5
125.453.00B	1	0.01	0.007	YELLOW	5
125.453.00C	1	0.10	0.007	RED	5
125.453.01A	2	0.02	0.010	BLACK	5
125.453.01	2	0.10	0.010	GREEN	5
125.453.02A	5	0.05	0.030	RED	5
125.453.02	5	0.10	0.030	BLUE	5
125.453.04	10	0.10	0.050	ORANGE	5
125.453.06	25	0.10	0.100	WHITE	5



ENQUIRE

ASTM Pipettes

Graduated Pipettes (Mohr), CLASS-A, SERIALIZED

- Calibrated to deliver as per ASTM E 1293 Standard
- Printed in Amber colour enamel
- With Individual work Certificate

Item Code	Capacity (ml)	Sub Division	Tolerance (\pm ml)	Colour Code	Pack of
125.452.01	1	0.1	0.01	RED	6
125.452.01A	1	0.01	0.01	YELLOW	6
125.452.02	2	0.1	0.01	GREEN	6
125.452.03	5	0.1	0.02	BLUE	6
125.452.04	10	0.1	0.03	ORANGE	6
125.452.05	25	0.1	0.05	WHITE	2



AMBER PRINTING



Chemical Resistant



CLASS



INDIVIDUAL CERTIFICATE



ENQUIRE



Graduated Pipettes (Mohr), CLASS A UNSERIALIZED

- Calibrated to deliver as per ASTM E 1293 Standard
- Printed in amber colour enamel
- With Batch certificate

Item Code	Capacity (ml)	Sub Division	Tolerance (\pm ml)	Colour Code	Pack of
125.455.01	1	0.1	0.01	RED	6
125.455.01A	1	0.01	0.01	YELLOW	6
125.455.02	2	0.1	0.01	GREEN	6
125.455.03	5	0.1	0.02	BLUE	6
125.455.04	10	0.1	0.03	ORANGE	6
125.455.05	25	0.1	0.05	WHITE	2



AMBER PRINTING



Chemical Resistant



CLASS



ENQUIRE



Pipettes



Graduated Pipette (Serological), CLASS-A, SERIALIZED

- Calibrated to deliver as per ASTM E-1044 Standard
- Printed in amber colour enamel
- With individual work certificate

Item Code	Capacity (ml)	Sub Division	Tolerance (\pm ml)	Colour Code	Pack of
125.423.01	1	0.1	0.01	RED	6
125.423.01A	1	0.01	0.01	YELLOW	6
125.423.02	2	0.1	0.01	GREEN	6
125.423.03	5	0.1	0.02	BLUE	6
125.423.04	10	0.1	0.03	ORANGE	6
125.423.06	25	0.1	0.05	WHITE	2



ENQUIRE



Graduated Pipette (Serological), CLASS-A, UNSERIALIZED

- Calibrated to deliver as per ASTM E-1044 Standard
- Printed in amber colour enamel
- With Batch certificate

Item Code	Capacity (ml)	Sub Division	Tolerance (\pm ml)	Colour Code	Pack of
125.402.01	1	0.1	0.01	RED	6
125.402.01A	1	0.01	0.01	YELLOW	6
125.402.02	2	0.1	0.01	GREEN	6
125.402.03	5	0.1	0.02	BLUE	6
125.402.04	10	0.1	0.03	ORANGE	6
125.402.06	25	0.1	0.05	WHITE	2



ENQUIRE



Graduated Pipettes (Mohr), CLASS-B

- Calibrated to deliver as per ASTM E 1293 standard
- Printed in amber colour

Item Code	Capacity (ml)	Sub Division	Tolerance (\pm ml)	Colour Code	Pack of
124.125.00	0.1	0.01	0.005	WHITE	6
124.125.00A	0.2	0.01	0.008	BLACK	6
124.125.01	1	0.1	0.02	RED	6
124.125.01A	1	0.01	0.02	YELLOW	6
124.125.02	2	0.1	0.02	GREEN	6
124.125.03	5	0.1	0.04	BLUE	6
124.125.04	10	0.1	0.06	ORANGE	6
124.125.05	25	0.1	0.1	WHITE	2



ENQUIRE

Graduated Pipette (Serological), CLASS-B

- Calibrated to deliver as per ASTM E-1044 Standard
- Printed in amber colour enamel

Item Code	Capacity (ml)	Sub Division	Tolerance (\pm ml)	Colour Code	Pack of
124.418.00	0.1	0.01	0.005	WHITE	6
124.418.00A	0.2	0.01	0.008	BLACK	6
124.418.01	1	0.1	0.02	RED	6
124.418.01A	1	0.01	0.02	YELLOW	6
124.418.02	2	0.1	0.02	GREEN	6
124.418.03	5	0.1	0.04	BLUE	6
124.418.04	10	0.1	0.06	ORANGE	6
124.418.06B	25	0.1	0.1	WHITE	2



ENQUIRE



Pipettes, Bacteriological, Graduated as per IS 2025

- Used for the bacteriological examination of milk
- 1.1 ml is graduated at 0.5 and 1.1 ml
- 2.2 ml is graduated at 1.0, 2.0, 2.1 and 2.2 ml

Item Code	Capacity (ml)	Tolerance (\pm ml)	Pack of
125.207.01	1.1	0.025	10
125.207.02	2.2	0.04	10



ENQUIRE



Pipettes, Gerber, Milk

- Used for testing milk by the Gerber method and rural Milk Collection Centres
- One-mark transfer Pipettes for measuring 10.75 ml

Item Code	Capacity (ml)	Tolerance (\pm ml)	Pack of
123.207.04	10.75	0.03	10

3.3
BORO
GLASS



ENQUIRE



Pipettes

Glassco volumetric pipettes are manufactured in compliance with DIN ISO 648 standards. These pipettes are calibrated to deliver (TD, EX) + 20° C.

All volumetric pipettes are calibrated by automatic machine and then the final quality check is done on the quality control centre. The volumetric pipettes come in AS Class with conformity Batch certificate and Class A in individual work certificate which is printed in amber colour which fuses into the glass.

Each pipette is accompanied with a batch or individual certificate in the pack you can also download the certificate from our website : www.glasscolabs.com and by scanning the QR Code from the label of the box.

Below is the overview of the one mark pipette explaining in detail the content printed on it.



Volumetric Pipettes, 1 mark, Class A

- With Individual Certificate
- Complies with ISO 648 Standard
- Printed in amber colour

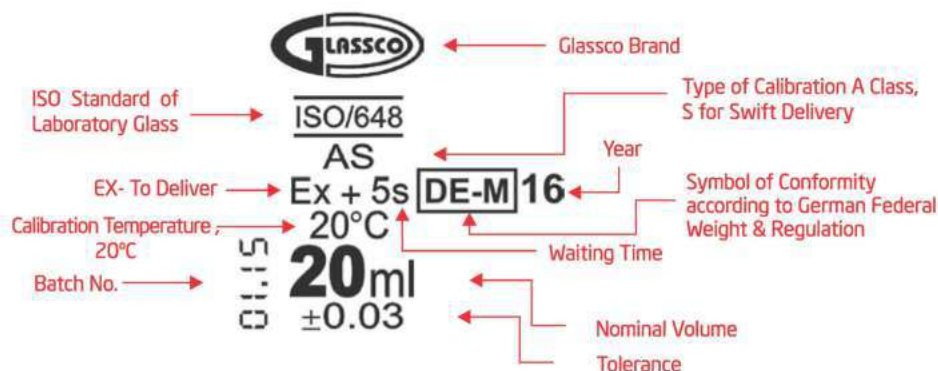
Item Code	Capacity (ml)	Tolerance (±ml)	Colour Code	Pack of
123.223.00	0.5	0.005	2 BLACK	5
123.223.01	1	0.008	BLUE	5
123.223.02	2	0.010	ORANGE	5
123.223.02A*	3	0.010	BLACK	5
123.223.02B*	4	0.010	2 RED	5
123.223.03	5	0.015	WHITE	5
123.223.03A*	6	0.010	2 ORANGE	5
123.223.03B*	7	0.010	2 GREEN	5
123.223.03C*	8	0.020	BLUE	5
123.223.03D*	9	0.020	BLACK	5
123.223.04	10	0.020	RED	5
123.223.04A*	15	0.030	GREEN	5
123.223.05	20	0.030	YELLOW	5
123.223.06	25	0.030	BLUE	5
123.223.06E*	30	0.030	BLACK	5
123.223.06O*	40	0.050	WHITE	5
123.223.07	50	0.050	RED	5
123.223.08	100	0.080	YELLOW	5



* Non Din



ENQUIRE



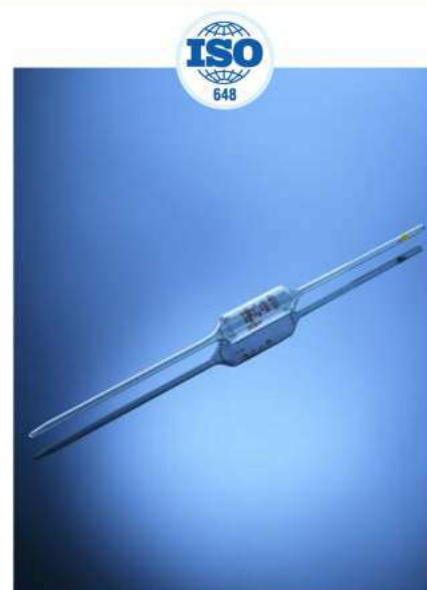
Volumetric Pipettes, 1 mark, Class AS

- With Batch Certificate
- Complies with DIN ISO 648 Standard
- Printed in amber colour

Item Code	Capacity (ml)	Tolerance (\pm ml)	Colour Code	Pack of
123.202.00	0.5	0.005	2 BLACK	5
123.202.01	1	0.008	BLUE	5
123.202.02	2	0.010	ORANGE	5
123.202.02A*	3	0.01	BLACK	5
123.202.02B*	4	0.01	2 RED	5
123.202.03	5	0.015	WHITE	5
123.202.03A*	6	0.01	2 ORANGE	5
123.202.03B*	7	0.01	2 GREEN	5
123.202.03C*	8	0.02	BLUE	5
123.202.03D*	9	0.02	BLACK	5
123.202.04	10	0.020	RED	5
123.202.04A*	15	0.03	GREEN	5
123.202.05	20	0.030	YELLOW	5
123.202.06	25	0.030	BLUE	5
123.202.06E*	30	0.03	BLACK	5
123.202.06O*	40	0.05	WHITE	5
123.202.07	50	0.050	RED	5
123.202.08	100	0.080	YELLOW	5



ENQUIRE



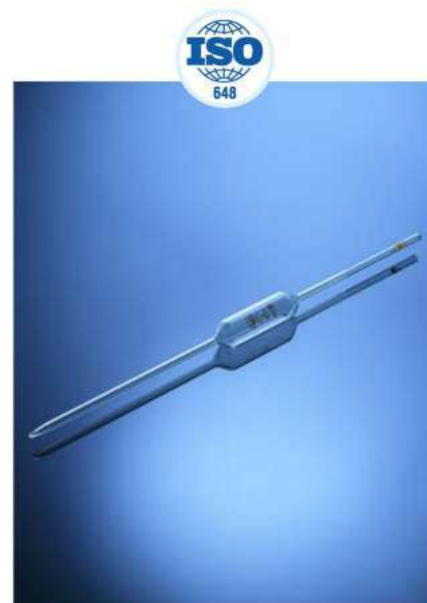
Volumetric Pipette, 1 mark Class B

- With Batch Certificate
- Complies with DIN ISO 648 Standard
- Printed in amber colour

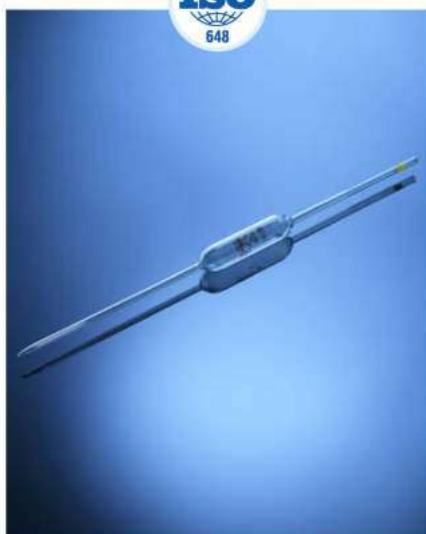
Item Code	Capacity (ml)	Tolerance (\pm ml)	Colour Code	Pack of
122.222.01	1	0.015	BLUE	5
122.222.02	2	0.020	ORANGE	5
122.222.03	5	0.030	WHITE	5
122.222.04	10	0.040	RED	5
122.222.05	20	0.060	YELLOW	5
122.222.06	25	0.060	BLUE	5
122.222.07	50	0.100	RED	5
122.222.08	100	0.150	YELLOW	5



ENQUIRE



Pipettes



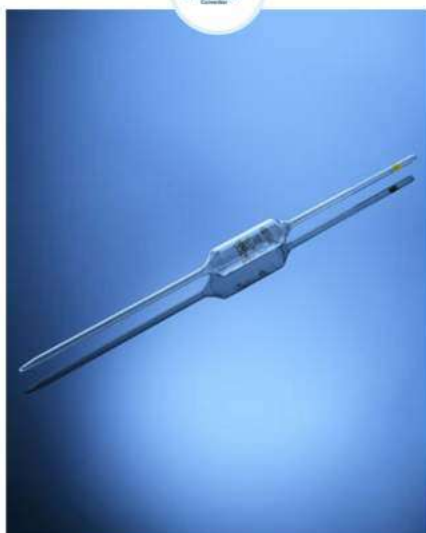
Volumetric Pipettes, 2 mark, Class AS

- With Batch Certificate
- Complies with DIN ISO 648 Standard
- printed in amber colour

Item Code	Capacity (ml)	Tolerance (\pm ml)	Colour Code	Pack of
123.252.00	0.5	0.005	2 BLACK	5
123.252.01	1	0.008	BLUE	5
123.252.02	2	0.010	ORANGE	5
123.252.02A*	3	0.01	BLACK	5
123.252.02B*	4	0.01	2 RED	5
123.252.03	5	0.015	WHITE	5
123.252.03A*	6	0.01	2 ORANGE	5
123.252.03B*	7	0.01	2 GREEN	5
123.252.03C*	8	0.02	BLUE	5
123.252.03D*	9	0.02	BLACK	5
123.252.04	10	0.020	RED	5
123.252.04A*	15	0.03	GREEN	5
123.252.05	20	0.030	YELLOW	5
123.252.06	25	0.030	BLUE	5
123.252.06E*	30	0.03	BLACK	5
123.252.06O*	40	0.05	WHITE	5
123.252.07	50	0.050	RED	5
123.252.08	100	0.080	YELLOW	5



ENQUIRE



Volumetric Pipettes 1 mark, Class AS

- Complies with USP standard
- With Individual Certificate

Item Code	Capacity (ml)	Colour Code	Tolerance (\pm ml)	Pack of
123.220.00	0.5	2 BLACK	0.006	5
123.220.01	1	BLUE	0.006	5
123.220.02	2	ORANGE	0.006	5
123.220.02A	3	BLACK	0.010	5
123.220.02B	4	2 RED	0.010	5
123.220.03	5	WHITE	0.010	5
123.220.03A	6	2 ORANGE	0.010	5
123.220.03B	7	2 GREEN	0.010	5
123.220.03C	8	BLUE	0.020	5
123.220.03D	9	BLACK	0.020	5
123.220.04	10	RED	0.020	5
123.220.04E	15	GREEN	0.030	5
123.220.05	20	YELLOW	0.030	5
123.220.06	25	BLUE	0.030	5
123.220.06E	30	BLACK	0.030	5
123.220.06O	40	WHITE	0.050	5
123.220.07	50	RED	0.050	5
123.220.08	100	YELLOW	0.080	5



ENQUIRE

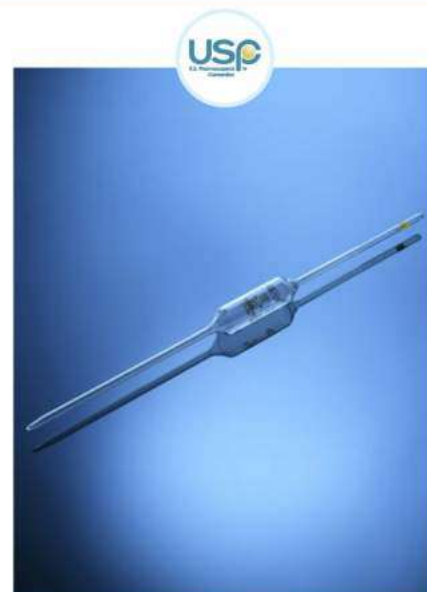
Volumetric Pipettes 1 mark, Class AS

- Compliance with USP standard
- With Batch Certificate

Item Code	Capacity (ml)	Colour Code	Tolerance (\pm ml)	Pack of
123.461.00	0.5	2 BLACK	0.006	5
123.461.01	1	BLUE	0.006	5
123.461.02	2	ORANGE	0.006	5
123.461.02A	3	BLACK	0.010	5
123.461.02B	4	2 RED	0.010	5
123.461.03	5	WHITE	0.010	5
123.461.03A	6	2 ORANGE	0.010	5
123.461.03B	7	2 GREEN	0.010	5
123.461.03C	8	BLUE	0.020	5
123.461.03D	9	BLACK	0.020	5
123.461.04	10	RED	0.020	5
123.461.04E	15	GREEN	0.030	5
123.461.05	20	YELLOW	0.030	5
123.461.06	25	BLUE	0.030	5
123.461.06E	30	BLACK	0.030	5
123.461.06O	40	WHITE	0.050	5
123.461.07	50	RED	0.050	5
123.461.08	100	YELLOW	0.080	5



ENQUIRE



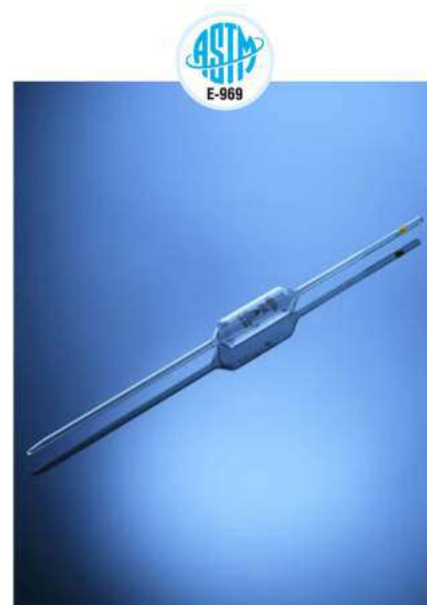
Pipette Volumetric, Class-A, Serialized

- Made from ASTM E-438, TYPE-1, BORO 3.3 GLASS
- Complies with ASTM E-969 standard
- Printed in amber colour
- With individual work certificate

Item Code	Capacity (ml)	Tolerance (\pm ml)	Colour Coding Band	Pack of
123.454.00D	0.5	0.006	2 BLACK	6
123.454.01	1	0.006	BLUE	6
123.454.02	2	0.006	ORANGE	6
123.454.02A	3	0.01	BLACK	6
123.454.02B	4	0.01	2 RED	6
123.454.03	5	0.01	WHITE	6
123.454.03A	6	0.01	2 ORANGE	6
123.454.03B	7	0.01	2 GREEN	6
123.454.03C	8	0.02	BLUE	6
123.454.03D	9	0.02	BLACK	6
123.454.04	10	0.02	RED	6
123.454.04E	15	0.03	GREEN	6
123.454.05	20	0.03	YELLOW	6
123.454.06	25	0.03	BLUE	6
123.454.06E	30	0.03	BLACK	6
123.454.06O	40	0.05	WHITE	6
123.454.07	50	0.05	RED	6
123.454.08	100	0.08	YELLOW	2



ENQUIRE



Pipettes



Pipette Volumetric, Class-A, Unserialized

- Made from ASTM E-438, TYPE-1, BORO 3.3 GLASS
- Complies with ASTM E-969 standard
- Printed in amber colour
- With Batch certificate

Item Code	Capacity (ml)	Tolerance (\pm ml)	Colour Code	Pack of
123.450.00D	0.5	0.006	2 BLACK	6
123.450.01	1	0.006	BLUE	6
123.450.02	2	0.006	ORANGE	6
123.450.02A	3	0.01	BLACK	6
123.450.02B	4	0.01	2 RED	6
123.450.03	5	0.01	WHITE	6
123.450.03A	6	0.01	2 ORANGE	6
123.450.03B	7	0.01	2 GREEN	6
123.450.03C	8	0.02	BLUE	6
123.450.03D	9	0.02	BLACK	6
123.450.04	10	0.02	RED	6
123.450.04E	15	0.03	GREEN	6
123.450.05	20	0.03	YELLOW	6
123.450.06	25	0.03	BLUE	6
123.450.06E	30	0.03	BLACK	6
123.450.06O	40	0.05	WHITE	6
123.450.07	50	0.05	RED	6
123.450.08	100	0.08	YELLOW	2



ENQUIRE



Pipette Volumetric, Class-B

- Made from ASTM E-438, TYPE-1, BORO 3.3 GLASS
- Complies with ASTM E-969 standard
- Printed in amber colour

Item Code	Capacity (ml)	Tolerance (\pm ml)	Colour Coding Band	Pack of
122.422.00D	0.5	0.012	2 BLACK	6
122.422.01	1	0.012	BLUE	6
122.422.02	2	0.012	ORANGE	6
122.422.02A	3	0.02	BLACK	6
122.422.02B	4	0.02	2 RED	6
122.422.03	5	0.02	WHITE	6
122.422.03A	6	0.03	2 ORANGE	6
122.422.03B	7	0.03	2 GREEN	6
122.422.03C	8	0.04	BLUE	6
122.422.03D	9	0.04	BLACK	6
122.422.04	10	0.04	RED	6
122.422.04E	15	0.06	GREEN	6
122.422.05	20	0.06	YELLOW	6
122.422.06	25	0.06	BLUE	6
122.422.06E	30	0.06	BLACK	6
122.422.06O	40	0.10	WHITE	6
122.422.07	50	0.10	RED	6
122.422.08	100	0.16	YELLOW	2



ENQUIRE

Disposable Pasteur Pipettes - Borosilicate Glass

Glassco Pasteur pipettes are manufactured to conform strict specifications laid down by research and industrial laboratories and are suitable for various laboratory applications.

Common salient features

- Made up of Borosilicate Glass
- Facilitate Controlled Drop
- Smooth, Straight-cut, Fire-polished tips (Short & Long Tip)
- Ideal for Clinical & Industrial use
- Disposable
- Supplied in Convenient Packing

Item Code	Product Description	Capacity	Overall Length (cm)	Pieces/ Case
24675.200	Borosilicate Glass, Short Tip	2 ml	14.6	1000
24675.380	Borosilicate Glass, Long Tip	2 ml	22.9	1000
24675.608	Borosilicate Glass, Short Tip, Controlled Drop	2 ml	14.6	1000

5.1
BORO
GLASS



ENQUIRE

**Pipette body O.D. : 7 mm.

Capillary stem O.D. : Approx. 1.5mm, Delivers 22 to 28 Drops/ml



Glassco Pasteur Pipettes with Cotton Plugs

Item Code	Product Description	Capacity	Overall Length (cm)	Pieces/ Case
24675.400	Borosilicate Glass, Short Tip	2 ml	14.6	1000
24675.405	Borosilicate Glass, Long Tip	2 ml	22.9	1000

5.1
BORO
GLASS



ENQUIRE



Pipettes



Pipette Box

- Made of Polypropylene
- This Pipette Box is designed in such a way that it can hold Pipettes of different lengths
- The top of the box screws on the bottom and the height can be adjusted by screwing the top.

Item Code	Colour Code	Pack of
171.303.01	Pipette Box	4



ENQUIRE



Pipettes Bulb

- A normal pressure on the bulb permits the intake of the required quantity
- Used for repeated sampling

Item Code	Size	Capacity (ml)	Pack of
411.303.01	Small	5	10
411.303.02	Medium	10	10
411.303.03	Large	15	10
411.303.04	Oval	25	10
411.303.05	Super Large	50	10

Silicon Rubber:

Item Code	Size	Capacity (ml)	Pack of
411.303.07	Small	5	10
411.303.08	Medium	10	10
411.303.09	Large	15	10
411.303.10	Extra Large	20	10
411.303.11	Oval	25	10
411.303.12	Super Large	50	10
411.303.13	Extra Super Large	100	10

Si



ENQUIRE



ENQUIRE

Pipette Controller

- Can fill 25 ml pipette under 4 seconds
- Safety valve and hydrophobic filters provide double protection against fluid penetration
- Two different speed modes - High & Low along with Gravity drain
- The pump speed can also be fine-tuned by varying finger pressure on operating knobs for better control of speed
- Cadmium free environment friendly NiMH batteries
- Batteries can be changed very easily by the user
- The intelligent charger prevents over charging / heating of batteries
- Low battery indicator
- The specially designed Desk top Stand enables the Pipette Controller to be charged while resting on it.
- The Pipette Controller can hold the serological pipette while resting on Desk top Stand.

Technical Data

Power	2x1.2V/1000 mAh NiMH batteries
Battery Service Life	Eight hours continuous use
Battery Charging Time	2 -3 hours to charge fully
Volumetric Range	Plastic or Glass pipette from 0.1 ml upto 200 ml
Safety System	Replaceable hydrophobic 0.45 µm PTFE filter Safety check valve
Standard Accessory	Battery charger (UK plug) Desktop Stand Hydrophobic PTFE membrane filter 0.45 µm 1Pc Hydrophobic PTFE membrane filter 0.20 µm 1Pc
	+Wall mounting stand with screw

Item Code	Description	Pack of
501.404.01	Pipette Controller - Blue	1



ENQUIRE



Pipette Filler

50 ml, with a release valve to allow adjustment of liquid

Item Code	Description	Pack of
415.303.01	Red colour, made of natural rubber	4
415.303.02	Blue colour, made of silicon rubber	4

Si



ENQUIRE





Pipette Pump

- Presenting a fast release pipetting device for precise pipetting & zip quick emptying
 - The Knurled thumbwheel can be rotated to draw up or dispense liquids while the releaser may be pushed in for zip- quick emptying
 - The moulded chuck has a silicon rubber collet inside to hold various pipettes of standard sizes
 - It resists acids & alkalis and can be easily disassembled for thorough cleaning.
- Material : Acrylonitrile Butadiene Styrene

Item Code	Capacity (ml)	Pack of
104.303.01	2	12
104.303.02	10	12
104.303.03	25	12



ENQUIRE



Pipette Stand (Horizontal)

- This detachable stand can hold 12 pipettes, 6 on each side, in a horizontal position
 - This autoclavable stand has two sides which are attached to each other with three metallic rods coated with Polypropylene
 - This stand can be easily disassembled for space saving storage.
- Material : Polypropylene

Item Code	Type	Pack of
168.303.01	For 12 Pipettes	6



ENQUIRE

Pipette Stand (94 Pipettes- Rotary)

- This unique Stand holds a maximum of 94 pipettes and rotates on a central vertical axis for convenient selection of any particular pipette
- The lower rotating disc has four concentric troughs with tapered sides and open bottom which cradle the pipette tips protectively and permit water drops to run off
- The upper disc has a grid pattern concentric with the bottom disc and keeps the pipettes vertical
- Liquids draining off the pipettes are retained on the top of the stationary base by the outer ring
- This stand can be easily disassembled & reassembled.

Material : Polypropylene

Item Code	Capacity	Pack of
170.303.01	For 94 Pipettes	1



ENQUIRE



Pipette Stand (Vertical)

- This is a stable, non-corrosive, detachable stand which can hold 28 pipettes with maximum dia 14 mm
- The heavy base measures 225 mm in diameter and a Polypropylene coated square rod measuring 375 mm in length is screwed into the base
- The top disc that can be fixed on the rod has holes for holding pipettes while the lower one has pilot holes where the pipettes tips rest and liquids drain down to the base
- These discs can be adjusted on the rod according to the length of the pipette
- The arrows provided on the discs should be kept parallel to ensure that corresponding holes are being centered.

Material : Polypropylene

Item Code	Capacity	Pack of
169.303.01	For 28 Pipettes	1



ENQUIRE



Quartzware

Glassco Boron free Transparent silica Quartzware are manufactured as per IS/BS Standards.

- Low expansion with high thermal shock resistance with excellent dimensional stability.
- Glassco Quartzware shows no visible surface change in prolonged exposure gases, ozone, water, nitrogen oxide and other contaminants

Coefficient of Linear Expansion 0°C to 800°C	5.5 x 10 ⁻⁷ cm/°c
Strains Point	1120°C
Annealing Point	1200°C
Softening Point	1685°C
Electrical Conductivity (at 350°C)	7x10 ohm cm



Beakers, Low Form, With Spout

- Accurate in dimension
- Durable

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Pack of
Q230.235.01	25	34	50	5
Q230.235.02	50	42	60	5
Q230.235.03	100	50	70	5
Q230.235.04	150	60	88	5
Q230.235.05	250	70	95	1
Q230.235.06	500	83	118	1
Q230.235.07	1000	105	145	1

QUARTZ
GLASS



ENQUIRE



Bottle, Reagent

- With hollow stopper

Item Code	Capacity (ml)	Pack of
Q272.512.03	500	1

QUARTZ
GLASS



ENQUIRE



Cylinder, Measuring, Class B

- With spout

Item Code	Capacity (ml)	Pack of
Q138.429.00	5	1
Q138.429.01	10	1
Q138.429.03	50	1
Q138.429.04	100	1
Q138.429.06	500	1

QUARTZ
GLASS



ENQUIRE

Dishes / Basins, Round

• With Spout

Item Code	O.D. (mm)	Height (mm)	Pack of
Q247.202.01	55	23	10
Q247.202.02	75	27	5
Q247.202.03	85	35	5
Q247.202.04	95	36	1
Q247.202.05	100	38	1
Q247.202.06	115	47	1

QUARTZ
GLASS



ENQUIRE



Erlenmeyer Flasks

Item Code	Capacity (ml)	Dia (mm)	Height (mm)	Pack of
Q233.202.01	50	50	90	1
Q233.202.02	100	64	105	1
Q233.202.03	150	72	124	1
Q233.202.04	250	85	140	1
Q233.202.05	500	100	180	1

QUARTZ
GLASS



ENQUIRE



Flask, Volumetric

• Accurate Dimension

• Durable

Item Code	Capacity (ml)	N/S	Pack of
Q129.222.01	5	10/19	1
Q129.222.02	10	10/19	1
Q129.222.03	25	10/19	1
Q129.222.04	50	12/21	1
Q129.222.05	100	14/23	1
Q129.222.06	250	14/23	1
Q129.222.07	500	19/26	1
Q129.222.08	1000	24/29	1

QUARTZ
GLASS



ENQUIRE





Funnel, with Stem

Item Code	Capacity (ml)	Pack of
Q239.202.01	35x150	1
Q239.202.02	45x150	1
Q239.202.03	55x150	1
Q239.202.04	70x150	1

QUARTZ
GLASS



ENQUIRE



Pipette, Measuring, Mohr type, Class B

Item Code	Capacity (ml)	Pack of
Q125.222.01	1 x 0.01	1
Q125.222.02A	2 x 0.1	1
Q125.222.03A	5 x 0.5	1
Q125.222.04	10 x 0.1	1

QUARTZ
GLASS



ENQUIRE



Pipette, Transfer, Volumetric, Class B

Item Code	Capacity (ml)	Pack of
Q122.222.01	1	1
Q122.222.02	2	1
Q122.222.02A	3	1
Q122.2220.02B	4	1
Q122.222.03	5	1
Q122.222.03A	6	1
Q122.222.04	10	1

QUARTZ
GLASS



ENQUIRE

Tube, Safety Burner

- Use with Bunsen Burners
- Available in Natural and Neoprene Rubber
- Tube has reinforced ends for better grip

Natural Rubber :

Item Code	Length (mm)	I.D.xO.D. (mm)	Pack of
406.BB.01	450	8 x 14	1
406.BB.02	600	8 x 14	1
406.BB.03	900	8 x 14	1
406.BB.04	1000	8 x 14	1



ENQUIRE



Tube, Safety Burner

- Use with Bunsen Burners
- Available in Natural and Neoprene Rubber
- Tube has reinforced ends for better grip

Neoprene Rubber :

Item Code	Length (mm)	I.D.xO.D. (mm)	Pack of
426.BB.01	450	5 x 8	1
426.BB.02	600	5 x 8	1
426.BB.03	900	5 x 8	1
426.BB.04	1000	5 x 8	1



ENQUIRE



Cork, Rubber Neoprene, Working temp. are 50 to 120°C

- Easy distinguishable blue color for lab use
- Flame resistant & Autoclavable
- Tolerates weathering & ozone
- Has excellent low gas permissibility

Item Code	Cork No.	Top (±2 mm)	Bottom (±2 mm)	Height (±2 mm)	Pack of
420.303.01	5	-	5	-	10
420.303.02	6	9	6	16	10
420.303.03	8	10.5	8	20	10
420.303.04	9	11.5	9	20	10
420.303.05	10	12.5	10	20	10
420.303.06	11	14	11	24	10
420.303.07	13	16	13	24	10
420.303.08	15	18	15	24	10
420.303.09	17	20.5	17	26	10
420.303.10	18	21	18	26	10
420.303.11	19	22.5	19	28	10
420.303.12	21	24.5	21	28	10
420.303.13	23	26.5	23	28	10
420.303.14	25	28.5	25	28	10
420.303.15	27	31	27	32	10
420.303.16	29	31	29	32	10
420.303.17	31	36	31	35	10
420.303.18	33	38.5	33	35.5	10
420.303.19	35	45.5	35	36.5	10
420.303.20	38	42.5	38	40	10
420.303.21	40	49.5	40	40	10



ENQUIRE



Rubberware



Cork, Rubber

- Made of RSS-S grade rubber
- More pure rubber than regular stopper and has clear incineration & biodegradable property
- Permissible temp. upto 80°C & Shore Hardness 45

Item Code	Cork No.	Top (±2 mm)	Bottom (±2 mm)	Height (±2 mm)	Pack of
410.303.01	000	9	6	16	10
410.303.02	0	13	9	15.5	10
410.303.03	1	14	11	18.5	10
410.303.04	2	16.5	13	20	10
410.303.05	3	19	14	21	10
410.303.06	4	21	15	22	10
410.303.07	5	22.5	17.5	23	10
410.303.08	6	24.5	20	24	10
410.303.09	7	26	20	27.5	10
410.303.10	8	26.5	21	27.5	10
410.303.11	9	28	21.5	31	10
410.303.12	10	30	26	33	10
410.303.13	11	33	29	32	10
410.303.14	12	34.5	30	34.5	10
410.303.15	13	38.5	31	37	10
410.303.16	14	41.5	32	42.5	10
410.303.17	15	42	38	40.5	10
410.303.18	16	45	35	36.5	10
410.303.19	17	49.5	40	40.5	10
410.303.20	18	53.5	48	33.5	10
410.303.21	19	58	44	45	10
410.303.22	20	60	51	56.5	10



Shore
Hardness 45



Clean
Incineration



100% Biodegradable
Product



ENQUIRE

Cork, Rubber (Euro Design) DIN 12871



Item Code	Top (±2 mm)	Bottom (±2 mm)	Height (±2 mm)	Pack of
410.303.23	6.5	3.5	15	10
410.303.24	9	5	20	10
410.303.25	12	8	20	10
410.303.26	14.5	10.5	20	10
410.303.27	16.5	12.5	20	10
410.303.28	18	14	20	10
410.303.29	22	17	25	10
410.303.30	24	18	30	10
410.303.31	27	21	30	10
410.303.32	29	23	30	10
410.303.33	32	26	30	10
410.303.34	35	29	30	10
410.303.35	28	31	35	10
410.303.36	44	36	40	10
410.303.37	49	41	40	10
410.303.38	55	47	40	10
410.303.39	59.5	50.5	45	10
410.303.40	65	56	45	10
410.303.41	70	60	50	10
410.303.42	75.5	64.5	55	10
410.303.43	83	71	60	10
410.303.44	92	79	65	10
410.303.45	100	87	65	10
410.303.46	107	94	65	10

EU



ENQUIRE

Cork, Silicon

- Made of high quality food grade FDA approved silicone, translucent
- Non reactive & very useful for organic chemistry use
- Resistant to high pressure, vacuum, Steam sterilization & UV sterilization
- Working temp. are 50 to 250°C
- Shore Hardness 45A

Item Code	Cork No.	Top (±2 mm)	Bottom (±2 mm)	Height (±2 mm)	Pack of
405.303.01	9	11.5	9	20	10
405.303.02	11	14	11	24	10
405.303.03	13	16	13	24	10
405.303.04	15	18	15	24	10
405.303.05	17	20	17	26	10
405.303.06	18	21	18	26	10
405.303.07	19	22.5	19	28	10
405.303.08	23	25.5	23	28	10
405.303.09	25	28.5	25	28	10
405.303.10	27	31	27	32	10
405.303.11	29	33	29	32	10
405.303.12	31	36	31	35	10
405.303.13	33	38.5	33	38.5	10



UV Sterilize



ENQUIRE



Cork, Silicon, Euro design

- Complies with DIN 12871 Standards

Item Code	Top (±2 mm)	Bottom (±2 mm)	Height (±2 mm)	Pack of
405.303.14	6.5	3.5	15	10
405.303.15	9	5	20	10
405.303.16	12	8	20	10
405.303.17	14.5	10.5	20	10
405.303.18	16.5	12.5	20	10
405.303.19	18	14	20	10
405.303.20	22	17	25	10
405.303.21	24	18	30	10
405.303.22	27	21	30	10
405.303.23	29	23	30	10
405.303.25	35	29	30	10
405.303.26	38	31	35	10
405.303.27	44	36	40	10
405.303.28	49	41	40	10
405.303.29	55	47	40	10
405.303.30	59.5	50.5	45	10
405.303.31	65	56	45	10
405.303.32	70	60	50	10
405.303.33	75.5	64.5	55	10
405.303.34	83	71	60	10
405.303.35	92	79	65	10
405.303.36	100	87	65	10
405.303.37	107	94	65	10



EU



ENQUIRE

Rubberware



Tubing, Natural Rubber

- Tubing is suitable for laboratory, pharmaceutical, industrial and educational purposes
- Comes in Red colour
- Tolerance $\pm 0.2\text{MM}$
- Made of RSS-3 grade rubber
- Has incineration & biodegradable property
- Permissible temp. -20°C to -70°C

Item Code	Inner Diameter (ID in mm)	Wall Thickness (Wt in mm)	Outer Diameter (OD in mm)	Pack of
406.303.01	4.0	1.0	6	10 Mtr.
406.303.02	5.0	1.5	8	10 Mtr.
406.303.03	6.0	1.5	9	10 Mtr.
406.303.04	7.0	1.5	10	10 Mtr.
406.303.05	8.0	1.5	11	10 Mtr.
406.303.06	9.0	2.0	13	10 Mtr.
406.303.07	10.0	2.0	14	10 Mtr.
406.303.08	12.0	2.0	16	10 Mtr.



ENQUIRE



Tubing, Pressure Rubber

- Suitable for laboratory, pharmaceutical, industrial and educational purposes
- Made of Natural Rubber
- Resistant to light acids, light alkalis
- Tolerance $\pm 0.2\text{MM}$
- Shore Hardness 50-55A
- Permissible temp. -20°C to -70°C

Item Code	Inner Diameter (ID in mm)	Wall Thickness (Wt in mm)	Outer Diameter (OD in mm)	Pack of
408.303.01	3.0	3.0	9	10 Mtr.
408.303.02	5.0	3.0	11	10 Mtr.
408.303.03	6.0	3.0	12	10 Mtr.
408.303.04	8.0	3.0	14	10 Mtr.
408.303.05	9.0	3.0	15	10 Mtr.
408.303.06	10.0	4.0	18	10 Mtr.
408.303.07	12.0	4.0	20	10 Mtr.



ENQUIRE

Tubing, High Pressure Rubber

- Suitable for laboratory, pharmaceutical, industrial and educational purposes
- Made of Natural Rubber
- Resistant to light acids, light alkalis
- Tolerance $\pm 0.2\text{MM}$
- Shore Hardness 50-55A
- Permissible temp. -20°C to -70°C

Item Code	Inner Diameter (ID in mm)	Wall Thickness (Wt in mm)	Outer Diameter (OD in mm)	Pack of
409.303.01	3.0	5.0	13	10 Mtr.
409.303.02	5.0	5.0	15	10 Mtr.
409.303.03	6.0	5.0	16	10 Mtr.
409.303.04	8.0	5.0	18	10 Mtr.
409.303.05	9.0	5.0	19	10 Mtr.
409.303.07	10.0	5.0	22	10 Mtr.
409.303.06	12.5	5.0	24	10 Mtr.



ENQUIRE



Tubing Pressure Green :

Item Code	Inner Diameter (ID in mm)	Wall Thickness (Wt in mm)	Outer Diameter (OD in mm)	Pack of
401.303.01	6.4	3.2	12.8	10 Mtr.

Tubing, Blood Pressure Green Superior :

Item Code	Inner Diameter (ID in mm)	Wall Thickness (Wt in mm)	Outer Diameter (OD in mm)	Pack of
403.303.01	3	2.5	8	10 Mtr.



ENQUIRE



ENQUIRE





Tubing, Silicon Rubber

- Complies with USP VI standards & USP CFR 177 2600 Complaint
- Made of high quality food grade
- Non reactive & very useful for organic chemistry use
- Resistant to high pressure, vacuums, Steam sterilization & UV sterilization
- Working temp. are -50 to 250°C
- Shore Hardness 45A

Item Code	Inner Diameter (ID in mm)	Wall Thickness (Wt in mm)	Outer Diameter (OD in mm)	Pack of
400.303.01	2	1	4	10 Mtr.
400.303.02	3	1	5	10 Mtr.
400.303.03	3	1.5	6	10 Mtr.
400.303.04	4	1	6	10 Mtr.
400.303.05	4	1.5	7	10 Mtr.
400.303.06	5	1	7	10 Mtr.
400.303.07	5	1.5	8	10 Mtr.
400.303.08	6	1	8	10 Mtr.
400.303.09	6	1.5	9	10 Mtr.
400.303.10	6	2	10	10 Mtr.
400.303.11	6	3	12	10 Mtr.
400.303.12	7	1.5	10	10 Mtr.
400.303.13	7	2	11	10 Mtr.
400.303.14	8	1.5	11	10 Mtr.
400.303.15	8	2	12	10 Mtr.
400.303.16	8	3	14	10 Mtr.
400.303.17	9	2	13	10 Mtr.
400.303.18	10	2	14	10 Mtr.
400.303.19	10	3	16	10 Mtr.
400.303.20	12	3.5	19	10 Mtr.
400.303.22	14	3	20	10 Mtr.
400.303.23	15	4	23	10 Mtr.
400.303.24	16	3	22	10 Mtr.



ENQUIRE



Tubing, Silicon Platinum Cured

Item Code	Inner Diameter (ID in mm)	Wall Thickness (Wt in mm)	Outer Diameter (OD in mm)	Pack of
400.350.03	3.0	1.5	6	10 Mtr.
400.350.05	4.0	1.5	7	10 Mtr.
400.350.07	5.0	1.5	8	10 Mtr.
400.350.09	6.0	1.5	9	10 Mtr.
400.350.10	6.0	2.0	10	10 Mtr.
400.350.12	7.0	1.5	10	10 Mtr.
400.350.13	7.0	2.0	11	10 Mtr.
400.350.14	8.0	1.5	11	10 Mtr.
400.350.15	8.0	2.0	12	10 Mtr.
400.350.17	9.0	2.0	13	10 Mtr.
400.350.18	10.0	2.0	14	10 Mtr.
400.350.20	12.0	2.0	16	10 Mtr.



ENQUIRE

Tubing, Vacuum

- Made of pure natural rubber.
- Used for high pressure applications
- Available in per meter
- Walls does not collapse at high pressure applications

Item Code	IDxOD (mm)	Pack of
407.303.01	6 x 19	1 Mtr.
407.303.02	8 x 22	1 Mtr.



ENQUIRE



Teats

- Used in laboratory with droppers for dispensing drops or qualitative amounts of liquids or chemicals.

Item Code	Type	Rubber Type	Capacity	Pack of
414.303.01	Conical	Natural Rubber	1	10
414.303.02	Conical	Natural Rubber	2-3	10
414.303.03	Round	Natural Rubber	1	10
414.303.04	Conical	Silicon Rubber	1	10
414.303.05	Conical	Silicon Rubber	2-3	10
561.303.01	Round	Latex Rubber	Small	100
561.303.02	Round	Latex Rubber	Large	100



ENQUIRE





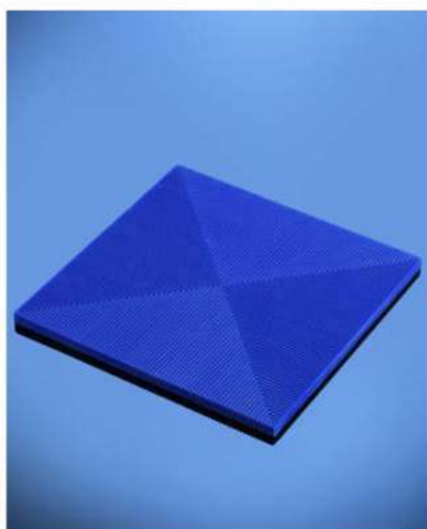
Sheet, Rubber Corrugated

• Used in Industrial Shelves, Hospital and Medical Buildings

Item Code	IDxOD (mm)	Pack of
402.303.01	350 x 150	4



ENQUIRE

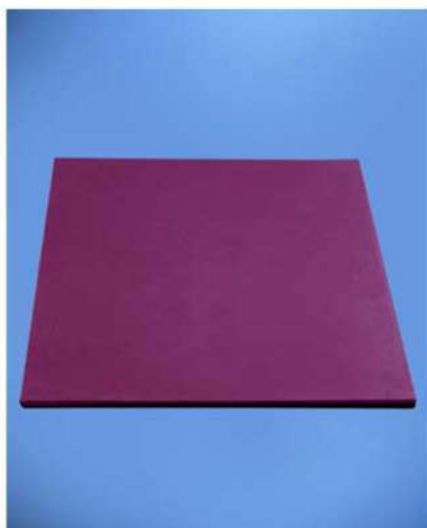


Mat, Laboratory

Item Code	Dimension (inches)	Rubber Type	Pack of
402.400.01	12 x 12	Natural Rubber	4
402.400.02	12 x 12	Silicone Rubber	4



ENQUIRE



Sheet, Laboratory

• Used to avoid direct surface
Contact of glassware products on the solid surface.

Item Code	Dimension (inches)	Rubber Type	Pack of
402.500.01	9.5 x 9.5 x 2.7	Natural Rubber	4
402.500.02	9.5 x 9.5 x 2.7	Silicone Rubber	4



ENQUIRE

PTFE Needle Valve Stopcock, Straight

Item Code	Bore Size (mm)	Pack of
299.202.01	0-3	10
299.202.02	0-6	10

3.3
BORO
GLASS



ENQUIRE



PTFE Key Stopcock, Straight

Item Code	Size (mm)	Bore Size (mm)	Pack of
300.202.01	12.5	2.5	10
300.202.02	14.5	2.5	10
300.202.03	14.5	4.0	10
300.202.04	18.8	6.0	10

3.3
BORO
GLASS



ENQUIRE



Glass Stopcock, Straight

Item Code	Size (mm)	Bore Size (mm)	Pack of
301.202.01	12.5	2.5	10
301.202.02	14.5	2.5	10
301.202.03	14.5	4.0	10
301.202.04	18.8	6.0	10

3.3
BORO
GLASS



ENQUIRE



Stopcock



PTFE Needle Valve Stopcock, For Burette

Item Code	Bore Size (mm)	Pack of
302.202.01	0-3	10

3.3
BORO
GLASS



ENQUIRE



PTFE Key Stopcock, For Burette

Item Code	Size (mm)	Bore Size (mm)	Pack of
303.202.01	12.5	2.5	10

3.3
BORO
GLASS



ENQUIRE



Glass Key Stopcock, For Burette

Item Code	Bore Size (mm)	Pack of
304.202.01	2.5	10

3.3
BORO
GLASS



ENQUIRE

Detachable PTFE Key Stopcock, For Burette

Item Code	Pack of
306.202.01D	10

3.3
BORO
GLASS



ENQUIRE



PTFE Needle Valve Stopcock, 90°

Item Code	Bore Size (mm)	Pack of
305.202.01	0-3	10
305.202.02	0-6	10

3.3
BORO
GLASS



ENQUIRE



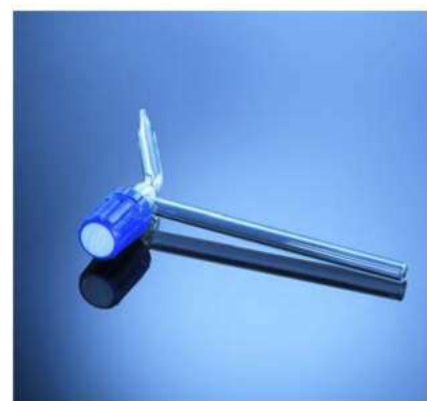
PTFE Needle Valve Stopcock, For Automatic Burette

Item Code	Bore Size (mm)	Pack of
306.202.01	0-3	10

3.3
BORO
GLASS



ENQUIRE



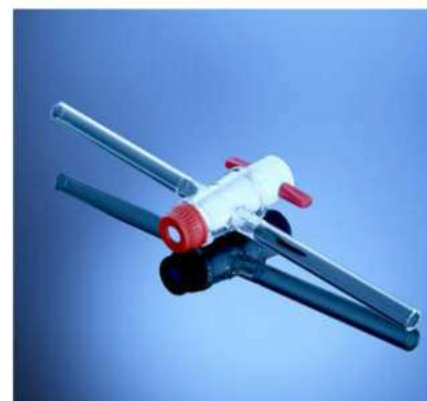
ASTM (E-675) PTFE Key stopcock, straight

Item Code	Bore (mm)	Dia of Plug to center line of bore (mm)	Shell Length (mm)	Pack of
300.402.01	2	12	30	10
300.402.02	4	17	40	10
300.402.03	6	20	44	10

3.3
BORO
GLASS



ENQUIRE



Stopper

Stoppers, Hollow with Tip

- In compliance with Din 12252 standard
- Used on different kind of jointed products like bottles, stoppered cylinder and jointed flasks mainly volumetric flasks.
- Hexagonal head if placed on at head end avoids contamination of ground surface, with hexagonal form head it also helps in preventing the rolling of the stopper and provides a good grip.
- The stoppers below comes in drip tip form also which if placed on the flask helps liquid to return to the flask till the last drop.



DIN 12252

Item Code	N/S	Bottom Type	Pack of
011.205.01	10/19	Tip	100
011.205.02	12/21	Tip	100
011.205.03	14/23	Tip	100
011.205.04	19/26	Tip	100
011.205.05	24/29	Tip	100
011.205.06	29/32	Tip	100
011.205.07	34/35	Tip	50

3.3
BORO
GLASS



ENQUIRE



Flower-Power Stopper, Polyethylene

- Agronomic Design
- In compliance with Din 12254 standard
- Used mainly with volumetric flasks the Flower-Power™ form large head provides good grip and also protects flasks from breaking if it drops accidentally
- Available in Multiple Color against Anaquel 100 Pieces

White & Blue DIN 12254

Item Code	N/S	Pack of
011.232.01	10/19	100
011.232.02	12/21	100
011.232.03	14/23	100
011.232.04	19/26	100
011.232.05	24/29	100
011.232.06	29/32	100
011.232.07*	34/35	100

3.3
BORO
GLASS



ENQUIRE

*Non DIN

Available in different colours



Solid Penny Head Stoppers

- For ASTM Standard Flasks
- The Flasks with ASTM E-288 can also be provided with Penny Head Stoppers

Item Code	Description	Pack of
012.269.02	Stopper No. 13	100
012.269.02A	Stopper No. 16	100
012.269.03	Stopper No. 19	100
012.269.04	Stopper No. 22	100
012.269.05	Stopper No. 27	100

3.3
BORO
GLASS



ENQUIRE

PS: Penny head stopper can be provided in Amber color. Prices can be sent on request.



PE Stopper (ASTM)

- For ASTM Standard Flasks
- The Flasks with ASTM E-288 can also be provided with Penny Head Stoppers

Item Code	Description	Pack of
011.432.01	Stopper No. 8	25
011.432.02	Stopper No. 9	25
011.432.03	Stopper No. 13	25
011.432.04	Stopper No. 16	25
011.432.05	Stopper No. 19	25
011.432.06	Stopper No. 22	25
011.432.07	Stopper No. 27	25
011.432.08	Stopper No. 38	25

3.3
BORO
GLASS



ENQUIRE



PTFE Stopper

Item Code	Description	Pack of
011.478.01	Stopper No. 8	25
011.478.02	Stopper No. 9	25
011.478.03	Stopper No. 13	25
011.478.04	Stopper No. 16	25
011.478.05	Stopper No. 19	25
011.478.06	Stopper No. 22	25
011.478.07	Stopper No. 27	25
011.478.08	Stopper No. 38	25

3.3
BORO
GLASS



ENQUIRE



Disposable Glassware Culture Tube - Boro Glass 5.1

Glassco Disposable Culture Tubes are resistant to chemical attack and weathering.

Salient Features:

- Boro Glass 5.1 Expansion offers excellent chemically resistance
- High heat tolerance
- Uniform dimensions
- Convenient dispensing packages

Manufactured from Type-I, Class B borosilicate glass, each tube is heat-treated at temp. exceeding 500°C (932°F) immediately before packing, which eliminates contamination, increases strength, and reduces breakage. Tubes features well-rounded bottoms and fire polished tops free of rough edges. Dimensional specifications of these tubes are rigidly controlled for reliable, uniform results.

Tubes are clean-sealed in a convenient dispensing package to keep them free from dust and other particulate contamination.

Tube (O.D. 6 x 50 mm) is also known as a Durham Tube.

Contents will not leach out and contaminate solutions. Borosilicate glass construction prevents pH change in laboratory tests.

Ps. All the tubes are marked clearly with US sizes, EU sizes this is done based on the sales of the product sold in US market and European union market. Please select the product as per the needs of your market.



Test Tube Boro Glass 5.1 Expansion

• US Sizes

Item Code	O.D. x Ht (mm)	Over Flow Vol (mm)	Pieces/Case
27729.566	6 x 50	0.75	2000
27729.568	10 x 75	3	1000
27729.570	12 x 75	5	1000
27729.572	13 x 100	9	1000
27729.574	15 x 85	10	1000
27729.576	16 x 100	14	1000
27729.578	16 x 125	18	1000
27729.580	16 x 150	22	1000
27729.583	18 x 150	28	500
27729.584	20 x 150	34	500
27729.586	25 x 150	60	500

Ordering Information: Due to machine packaging, quantities per case are approximate.

5.1
BORO
GLASS



ENQUIRE



Test Tube Boro Glass 5.1 Expansion

• EU Sizes

Item Code	Size (mm)	Wall Thickness (mm)	Inner Pack Size	Case Size
27729.667	8x70	0.4-0.5	100	2000
27729.669	10x100	0.4-0.5	100	1000
27729.671	12x100	0.4-0.5	100	1000
27729.682	16x160	0.5-0.6	100	1000
27729.683	18x180	0.5-0.6	100	400
27729.685	20x180	0.5-0.6	100	400
27729.668	10x75	0.4-0.5	100	1000
27729.670	12x75	0.4-0.5	100	1000
27729.673	14x130	0.4-0.5	100	1000
27729.679	16x130	0.5-0.6	100	1000
27729.686	25x150	0.6-0.7	50	500
27729.688	25x200	0.6-0.7	50	500
27729.692	30x200	0.7-0.8	50	300

5.1
BORO
GLASS



ENQUIRE

Disposable Glassware Culture Tube - Boro Glass 7.0

These tubes are chemically clean and well-suited for general use in chemistry, blood banks, hematology and other laboratory procedures.

Salient Features:

- Fire-polished top
- Shrink-film sealed to prevent contamination
- Well-rounded bottoms

Each tube is annealed at temperatures over 426.7°C (800°F) to increase strength and reduce breakage. Tubes feature smooth, well-rounded bottoms with no irregularities. Tops are fire-polished to eliminate rough edges. Tubes are packed in lint-free packaging and are shrink-film sealed to prevent any contamination from outside sources.

- Boro 7.0 Expansion
- US Sizes

Item Code	O.D. x Ht (mm)	Over Flow Vol (mm)	Pieces/Case
20825.402	10 x 75	3	1000
20825.406	12 x 75	5	1000
20825.414	13 x 100	9	1000
20825.425	16 x 100	11	1000
20825.430	16 x 125	15	1000
20825.435	16 x 150	20	1000
20825.443	18 x 150	28	500
20825.447	20 x 150	34	500

Ordering Information: Due to machine packaging, quantities per case are approximate.

7.0
BORO
GLASS



ENQUIRE



Disposable Culture Tube without rim

- Boro 7.0 Expansion
- EU Sizes

Item Code	Size (mm)	Wall Thickness (mm)	Inner Pack Size	Case Size
20825.390	8 x 40	0.8-1	250	2000
20825.400	10x70	0.8-1	250	1000
20825.406A	12x75	0.8-1	250	1000
20825.403	10x100	0.8-1	250	1000
20825.408	12x100	0.8-1	250	1000
20825.425A	16x100	0.8-1	250	1000
20825.418	14x100	0.8-1	250	1000
20825.420	14x130	0.8-1	250	1000
20825.438	16x160	0.8-1	250	1000
20825.444	18x180	0.8-1	250	500
20825.402	10x75	0.5-0.6	250	1000
20825.406	12x75	0.5-0.6	250	1000
20825.408A	12x100	0.5-0.6	250	1000
20825.414	13x100	0.5-0.6	250	1000
20825.418A	14x100	0.5-0.6	250	1000
20825.425	16x100	0.6-0.7	250	1000
20825.430	16x125	0.6-0.7	250	1000
20825.435	16x150	0.6-0.7	250	1000
20825.438A	16x160	0.6-0.7	250	1000

7.0
BORO
GLASS



ENQUIRE



Tube

US
SIZES



Disposable Glassware Culture Tube with Screw Cap Finish - Boro Glass 5.1

Tubes have a marking spot and reference mark for orientation during use and a threaded neck to accept screw cap.

Salient Features :

- Borosilicate glass 5.1 expansion construction
- Marking spot and orientation reference mark on all tubes

Item Code	O.D. x Ht (mm)	Thread Finish	Over Flow Vol (mm)	Pieces/Case
23283.800	13 x 100	13-415	8	1000
23283.802	16 x 100	15-415	12	1000
23283.804	16 x 125	15-415	16	1000
23283.806	16 x 150	15-415	20	1000
23283.685	20 x 125	18-415	30	500
23283.686	20 x 150	18-415	33	500

5.1
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



Phenolic Caps, With Rubber Liner

Item Code	O.D. x Ht (mm)	Over Flow Vol (mm)	Pieces/Case
23283.800C	13 x 100	13-415	1000
23283.804C	16 x 125	15-415	1000
23283.685C	20 x 125	18-415	1000



ENQUIRE

Screw Neck Tubes and Culture Media Tubes

The screw neck tubes are made out of clear Borosilicate glass can be printed with ceramic paint. In this page you will find our standard dimensions. It is however also possible to produce tubes according to your specifications.

Item Code	Dia (mm)	Length (mm)	Wall Thickness	Nominal volume (ml)	Bottom (mm)	Screw Thread	Inner Size	Case Size
23284.500	16	50	0.95	5	Flat	Capalu 16	250	1000
23284.501	16	75	0.95	8	Flat	Capalu 16	250	1000
23284.502	16	112.5	0.95	15	Flat	Capalu 16	250	1000
23284.503	16	125	0.95	18	Flat	Capalu 16	250	1000
23284.504	16	160	0.95	20	Round	Capalu 16	250	1000
23284.505	18	125	0.95	22	Flat	Capalu 16	250	1000
23284.506	18	145	1.05	24	Flat	Capalu 16	250	1000
23284.507	18	180	1.05	31	Flat	Capalu 16	250	252
23284.508	20	200	1.05	42	Round	Capalu 16	250	215



ENQUIRE



Screw Caps

Our standard screw neck tubes are produced with the screw thread Capalu 16. For this thread we have aluminium screw caps available. These caps come with Silicone Liner

Item Code	Screw Thread	Material	Colour	Inlay	Qty per box	Qty per pallet
23284.CA	Capalu 16	Aluminium	Gold	Silicone Liner	5.000	150.000



ENQUIRE



Packaging



Inner Size



Case Size



Test Tube, Re-usable

- Complies to EN ISO 4142
- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- Without Rim
- Uniform wall Thickness
- Excellent heat transfer

Item Code	Capacity (ml)	O.D. x Height (mm)	Thickness (mm)	Pack of
097.202.01	3	10 x 75	1.0	100
097.202.02	5	12 x 75	1.0	100
097.202.03	6	12 x 100	1.0	100
097.202.04*	13	15 x 125	1.0	100
097.203.05*	15	15 x 150	1.0	100
097.202.05	27	18 x 150	1.2	100
097.203.06	45	20 x 150	1.2	100
097.211.07A*	38	25 x 100	1.2	100
097.202.06*	55	25 x 150	1.2	100
097.202.07*	60	25 x 200	1.2	100
097.211.10A*	100	32 x 200	1.4	50
097.211.12*	150	38 x 200	1.4	50

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE

* Non DIN/ISO



Test Tube, Re-usable

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- With Rim EN ISO-4142
- Uniform wall Thickness
- Excellent heat transfer

Item Code	Capacity (ml)	O.D. x Height (mm)	Thickness (mm)	Pack of
097.215.01	3	10 x 75	1.0	100
097.215.02	5	12 x 75	1.0	100
097.215.03	7	12 x 100	1.0	100
097.215.04*	13	15 x 125	1.0	100
097.215.04A*	15	15 x 150	1.0	100
097.215.06	27	18 x 150	1.2	100
097.215.07	45	20 x 150	1.2	100
097.215.08*	38	25 x 100	1.2	100
097.215.08A*	55	25 x 150	1.2	100
097.215.08B*	70	25 x 200	1.2	100
097.215.12*	100	32 x 200	1.4	50
097.215.14*	150	38 x 200	1.4	50

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE

* Non DIN/ISO

Closure Cap for Test Tubes

- Made of Polypropylene

Item Code	Size for Tube (mm)	Pack of
100.202.01	12	100
100.202.02	15	100
100.202.03	18	100
100.202.04	20	100
100.202.05	25	100



ENQUIRE



Tubes Culture Round Bottom, Reusable

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- With Screw Thread and Teflon Liner
- Comes with PP Screw Cap & Leakproof

Item Code	Capacity (ml)	O.D. x Length (mm)	Bottom Type	Pack of
082.204.01	5	12 x 100	Round	100
082.204.02B	5	16 x 75	Round	100
082.204.02	10	16 x 100	Round	100
082.204.03	15	16 x 125	Round	100
082.204.04	20	16 x 160	Round	100
082.204.05	30	18 x 180	Round	100
082.204.06	15	20 x 100	Round	100
082.204.07	40	20 x 200	Round	100
082.204.08	45	22 x 200	Round	100
082.202.05	30	25 x 100	Round	100
082.202.06	50	25 x 150	Round	100
082.202.07	60	25 x 200	Round	100
082.204.13	150	38 x 200	Round	50

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

SCREW
CAP

LEAKPROOF



ENQUIRE



Tubes, Amber Culture Media, Round Bottom, Reusable

- The uniform Amber colour is highly durable and chemical resistance
- Leakproof
- Comes with PP Screw Cap & PTFE Liner

Item Code	Capacity (ml)	O.D. x Length (mm)	Bottom Type	Pack of
082.279.05	5	16 x 75	Round	100
082.279.05A	10	16 x 125	Round	100
082.279.10	30	25 x 100	Round	100
082.279.10A	60	25 x 200	Round	100
082.279.13	150	38 x 200	Round	50

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

SCREW
CAP



ENQUIRE



PS: Test Tubes in other sizes can be provided on request



Durham tubes 50x6mm without rim

Item Code	Dia (mm)	Height (mm)	Pack of
381.097.00	6	25	100
381.097.01	6	30	100
381.097.02	6	40	100
381.097.03	6	50	100
381.097.04	8	55	100
381.097.04A	8	60	100

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



Tubes, Culture Media, Flat Bottom

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- Printed in matt finish white colour enamel
- Comes with PP Screw Cap & PTFE Liner
- Uniform wall Thickness

Item Code	Capacity (ml)	O.D. x Length (mm)	Bottom Type	Pack of
083.204.02C	5	16 x 50	Flat	100
083.202.01	5	18 x 45	Flat	100
083.202.02A	10	25 x 50	Flat	100
083.202.02AB	15	25 x 57	Flat	100
083.202.02B	20	25 x 72	Flat	100
083.202.03	30	25 x 95	Flat	100
083.202.04	40	25 x 145	Flat	100

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

SCREW
CAP



ENQUIRE



Tubes, Amber Culture Media, Flat Bottom

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- The uniform Amber colour is highly durable and chemical resistance
- Comes with PP Screw Cap & PTFE Liner

Item Code	Capacity (ml)	O.D. x Length (mm)	Bottom Type	Pack of
083.279.01	5	16 x 50	Flat	100
083.279.01A	5	18 x 45	Flat	100
083.279.02	10	25 x 50	Flat	100
083.279.03	15	25 x 57	Flat	100
083.279.04	20	25 x 72	Flat	100
083.279.06	30	25 x 100	Flat	100
083.279.06A	40	25 x 145	Flat	100

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant

SCREW
CAP



ENQUIRE

PS: Test Tubes in other sizes can be provided on request

Test Tube

- With Interchangeable Penny Head Glass Stopper

Item Code	Height x O.D. (mm)	Stopper Size	Pack of
096.202.01	100 x 12	10/19	100
096.202.02	125 x 15	12/21	100
096.202.03	150 x 18	14/23	100
096.202.04	150 x 25	19/26	100
096.202.05	200 x 25	19/26	100
096.202.06	200 x 32	24/29	50
096.202.07	200 x 38	24/29	50

3.3
BORO
GLASS



ENQUIRE



Test Tube

- With joint & Penny Head Glass stopper
- With Graduation

Item Code	Capacity (ml)	Height x O.D. (mm)	Stopper Size	Pack of
095.202.01	5	100 x 12	10/19	100
095.202.02	10	125 x 16	12/21	100
095.202.03	25	150 x 22	19/26	100
095.202.04A	30	150 x 25	19/26	100
095.202.04	50	200 x 25	19/26	100
095.202.06	100	200 x 32	24/29	50
095.202.07	100	200 x 38	24/29	50

3.3
BORO
GLASS



ENQUIRE



JP Test Tube

Item Code	Capacity (ml)	Height x O.D. (mm)	Pack of
202.110.10	10	0-10ml x 0.1ml	1
202.110.20	20	0-20ml x 0.1ml	1
202.110.50	50	0-50ml x 0.25ml	1

3.3
BORO
GLASS



ENQUIRE





Tube, COD Digestion Tube, With Stopper

- Made from thick walled, mechanically very resistance borosilicate glass
- Used in COD Disintegration
- Printed in White colour enamel

Item Code	O.D. x Length (mm)	N/S	Pack of
091.202.15	36 x 205	29/32	10
091.202.17	39 x 205	29/32	10

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



Test Tube, Flat Bottom

- Made of borosilicate glass, designed with a flat bottom
- High thermal shock resistance
- Designed without a rim
- Used for pathological tests and disintegration apparatus

Item Code	Capacity (ml)	O.D. x Length (mm)	Pack of
093.202.02	5	12 x 75	100
093.202.06A	22	18 x 138	100
093.202.06	26	18 x 130	100
093.202.03A	10	13 x 110	100
093.202.07	18	18 x 100	100

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE

Tube, Reaction

• Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass

Item Code	Capacity (ml)	Socket Size	Pack of
047.202.06	25	14/20	1

3.3
BORO
GLASS

WHITE
PRINTING

Chemical
Resistant



ENQUIRE



Brush, Test Tube

Item Code	Type	Material	Pack of
593.303.02	Test Tube Brush	Nylon	50

Nylon



ENQUIRE





Test Tube Baskets

- Made of Polypropylene
- Are autoclavable and non-corrosive
- Ideal for rinsing & draining glassware
- Useful for storage of test tubes or culture tubes during sterilization or incubation

Item Code	Size	Pack of
167.303.01	140 x 120 x 110	6
167.303.02	160 x 160 x 160	6
167.303.03	400 x 400 x 100	6



Non
Corrosive
Basket



STERILIZED



ENQUIRE



Test Tube Stand

This autoclavable stand is perhaps the most commonly used Test Tube Stand in various laboratories. For better visibility, this 6 place rack is end supported by 2 columns. The top plate has 2 holes for holding 25 mm dia test tubes, four holes to hold 16 mm dia tubes where as the base has corresponding hemispherical wells. It also has six vertical pins for drying tubes.

Material : Polypropylene

Item Code	Size	Pack of
161.303.02	25 mm Tubes	12



Ø25mm



ENQUIRE

Test Tube Stand (Round)

a handy, little, space saver, this circular twelve place Polypropylene Test Tube Stand has four 25 mm. dia holes & eight 19 mm dia holes in its top plate. The base has matching hemispherical wells & 16 vertical pins for drying tubes surrounded by a trough to catch drippings. This autoclavable rack can be easily disassembled for cleaning purpose.

Material : Polypropylene

Item Code	Size	Pack of
162.303.01	19 mm. & 25 mm. Tubes	2



ENQUIRE



Test Tube Stand (3 TIER)

- Made of Polypropylene
- Ingenious racks with 3-Tier design provide clear view of the tube contents
- Convenient inserting & removal of tubes
- Every part of rack is coloured & opaque
- Are autoclavable and withstand sub-freezing temperatures

Item Code	Size/Capacity	Pack of
163.303.01	13 mm x 31 Tubes	2
163.303.02	16 mm x 31 Tubes	2
163.303.03	20 mm x 20 Tubes	2
163.303.04	25 mm x 12 Tubes	2
163.303.05	25 mm x 18 Tubes	2
163.303.06	32 mm x 12 Tubes	2
163.303.07	25 mm x 36 Tubes	2
163.303.08	13 mm x 18 Tubes	4
163.303.09	15 mm x 18 Tubes	4
163.303.10	18 mm x 12 Tubes	4
163.303.11	13 mm x 62 Tubes	2
163.303.12	16 mm x 62 Tubes	2
163.303.13	20 mm x 40 Tubes	2
163.303.14	13 mm x 48 Tubes	2
163.303.15	13 mm x 72 Tubes	2



Buy Now!





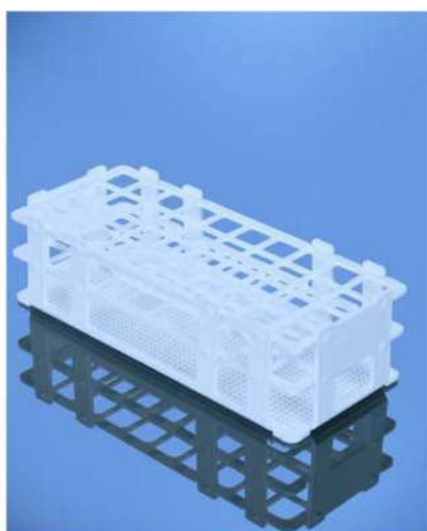
Test Tube Stand (3 TIER)

- Made of Polycarbonate
- Ingenious racks with 3-Tier design provide clear view of the tube contents
- Convenient inserting & removal of tubes
- Every part of rack is coloured & opaque
- Are autoclavable and withstand sub-freezing temperatures
- Has transparent upper & middle plates where plates

Item Code	Size/Capacity	Pack of
164.303.01	13 mm x 31 Tubes	2
164.303.02	16 mm x 31 Tubes	2
164.303.03	20 mm x 20 Tubes	2
164.303.04	25 mm x 12 Tubes	2
164.303.05	13 mm x 62 Tubes	2
164.303.06	16 mm x 62 Tubes	2
164.303.07	20 mm x 40 Tubes	2
164.303.08	25 mm x 24 Tubes	2
164.303.09	25 mm x 18 Tubes	2
164.303.10	25 mm x 36 Tubes	2
164.303.11	32 mm x 12 Tubes	2



ENQUIRE



Test Tube Stand (Wire Pattern)

- Made of Polypropylene
- Economical substitute for wire racks
- Are autoclavable and stackable when empty
- Available in different colours and are made of a special blend of Polypropylene that makes it sink in a water bath and maintain their stability even in agitated water
- Easily disassembling for cleaning purpose
- base is in the form of a grid with square openings and has fold up sides and end bars that lock in to rack tops

Item Code	Size/Capacity	Pack of
166.303.01	13 mm. x 90 Tubes	6
166.303.02	16 mm. x 60 Tubes	6
166.303.03	20 mm. x 40 Tubes	6
166.303.04	25 mm. x 24 Tubes	6
166.303.05	30 mm. x 21 Tubes	6



ENQUIRE

Manufactured from ASTM E-438, Type-1, CLASS-A, BORO 3.3 GLASS. These tubes come with uniform wall thickness for maximum heat transfer and chemical resistance

Tube, Centrifuge, Conical Bottom Graduated

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- Uniform wall Thickness
- Study Lip

Item Code	Capacity (ml)	Height x O.D.(mm)	Pack of
088.202.01	5	100 x 13	100
088.202.02	10	110 x 15	100
088.202.03	15	120 x 17	100
088.202.04	25	125 x 22	100
088.202.05	50	125 x 29	50

Tube, Centrifuge, Conical Shape, Graduated

- Made from Boro 7.0 Expansion

Item Code	Capacity (ml)	Height x O.D.(mm)	Pack of
20088.402	10	100 x 16	100
20088.403	15	100 x 17	100

3.3
BORO
GLASS

7.0
BORO
GLASS

BLUE
PRINTING

Chemical
Resistant



ENQUIRE



ENQUIRE



Tube, Centrifuge, Conical Bottom

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- Uniform wall Thickness
- Study Lip

Item Code	Capacity (ml)	Height x O.D.(mm)	Pack of
089.202.02	5	100 x 13	100
089.202.03	10	110 x 15	100
089.202.05	15	120 x 17	100
089.202.06	25	125 x 22	100
089.202.07	50	125 x 29	50

Tube, Centrifuge, Conical Shape

- Made from Boro 7.0 Expansion

Item Code	Capacity (ml)	Height x O.D.(mm)	Pack of
20089.403	10	100 x 16	100
20089.405	15	100 x 17	100

3.3
BORO
GLASS

7.0
BORO
GLASS

BLUE
PRINTING

Chemical
Resistant



ENQUIRE



ENQUIRE



Tube, Centrifuge, Oil

Item Code	Capacity (ml)	Height x O.D.(mm)	Pack of
088.402.07	100	200 x 36	12

3.3
BORO
GLASS

BLUE
PRINTING

Chemical
Resistant



ENQUIRE



Tube



Tube, Centrifuge

- Round Bottom Graduated
- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- Printed in Blue colour

Item Code	Capacity (ml)	Height x O.D.(mm)	Pack of
094.202.01	12	16 x 110	100
094.202.02	30	24 x 110	100
094.202.03	40	28 x 110	50
094.202.04	50	30 x 110	50
094.202.05	100	45 x 110	50
094.202.07	200	55 x 116	50

3.3
BORO
GLASS



ENQUIRE



Glassco Distilling Receiver, Graduated, With Hooks

- Made from ASTM E-438 Type-1 Class A, Boro 3.3 glass
- Centrifuge tube shaped receiver with an upper standard taper joint has two glass hooks 180° apart
- Uniform wall Thickness

Item Code	Capacity (ml)	Socket Size	Size	Pack of
088.468.03	15	14/20	18x140	1

3.3
BORO
GLASS



ENQUIRE



Tube, Centrifuge, High Speed, Round Bottom

- Made from Boro 3.3 Glass
- With Screw Cap

Item Code	Capacity (ml)	Height x O.D.(mm)	Thread	Pack of
082.210.05	15	102 x 18	20-400	10
082.210.07	30	106 x 24	20-400	10

3.3
BORO
GLASS



ENQUIRE

Tube, Centrifuge

- Round Bottom
- Made from Boro 7.0 Expansion

Item Code	Capacity (ml)	Height x O.D.(mm)	Pack of
20097.404A	10	100 x 16	1000
20097.405	15	100 x 17	1000

7.0
BORO
GLASS



ENQUIRE



ENQUIRE



Tube, Centrifuge, Graduated

- Round Bottom
- Made from Boro 7.0 Expansion
- Printed in Blue colour

Item Code	Capacity (ml)	Height x O.D.(mm)	Pack of
20094.401	10	100 x 16	1000
20094.401A	15	100 x 17	1000

7.0
BORO
GLASS



ENQUIRE





Tube, Centrifuge, Conical Bottom

- Made of Polypropylene
- Are Clear Strong & Safe
- Are autoclavable and both printed graduation
- Leakproof
- Can withstand forces upto 7500 x G 15ml & 1200 x G for 50 ml

Item Code	Capacity (ml)	Pack of
135.303.01	15	100
135.303.02	50	100
135.303.03	15 Sterile	100
135.303.04	50 Sterile	100



PP



LEAKPROOF



SAFE & STRONG



SCREW CAP



121°C



ENQUIRE



Tube, Centrifuge, Round Bottom

- Made of Polypropylene & Polycarbonate
- Are strong enough to be used upto 50,000xG
- Autoclavable

Item Code	Capacity (ml)	Pack of
136.303.01	16 ml. Tube PP.	50
136.303.02	50 ml. Tube PP.	50
136.303.03	16 ml. Tube PC.	50
136.303.04	50 ml. Tube PC.	50



PP



LEAKPROOF



SAFE & STRONG



SCREW CAP



121°C



PC



ENQUIRE

OAK Ridge Centrifuge Tubes

- Made of Polypropylene
- Can be used upto 50,000xG
- Screw cap is fitted with silicone O-ring making it totally leakproof
- Should not be used below 4°C

Item Code	Capacity (ml)	Pack of
137.303.01	30	12
137.303.02	50	12
137.303.03	100	12



ENQUIRE



Centrifuge Tubes Box

- Made of Polypropylene
- These boxes provide substitute for conventional cardboard or foam rack
- These boxes are autoclavable & can withstand Temperature ranging from -90°C to +120°C

Item Code	Capacity (ml)	Pack of
165.305.03	30	4
165.305.05	50	4



ENQUIRE





Tube, Micro Centrifuge

- Made of Polypropylene
- Built in plugs make these tubes leakproof
- Used for transmitting sample for micro analysis

Item Code	Capacity (ml)	Pack of
130.303.01	0.5	1000
130.303.02	1.5	1000



PP



LEAKPROOF



SAFE & STRONG



TRANSMITTED



ENQUIRE



Rack For Micro Centrifuge Tube

- Made of Polycarbonate
- Autoclavable
- Made for holding twenty four 1.5 ml. micro centrifuge tubes
- Unique stacking feature prevents movement in any direction
- Holes are numbered & lettered for easy identification

Item Code	Quantity	Pack of
165.303.01	24 Tubes	4
165.303.02	48 Tubes	4
165.303.03	100 Tubes	2



PP



EASY TO LOAD



EASY IDENTIFY



121°C



ENQUIRE

Float Rack

- Made of Polypropylene
- Autoclavable and can hold 16 micro centrifuge tubes for incubation in water baths
- Easy to load
- Essential in microbiology & immunology labs.
- Sur face of the rack has raised alpha - numeric index for easy identification and has a ventral rod handle for convenient lif ting.

Item Code	Capacity (ml)	Pack of
131.303.01	16 MCT'S of 1.5 ml.	12



ENQUIRE



MCT Box

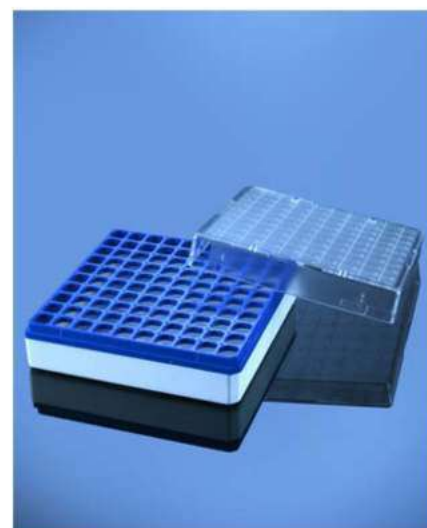
Are moulded in polycarbonate and are therefore strong as well as autoclavable. One size can hold 64 MCT'S of 1.5 ml. & and the other can hold 100 MCT's of 0.5 ml. These boxes are designed to work at temperatures ranging from -190°C to +121°C. The transparent cover provides a good view of the contents inside & is numbered for better inventory control.

Material : Polycarbonate

Item Code	Capacity (ml)	Pack of
134.303.01	Rack for 100 MCT's of 0.5 ml	4
134.303.02	Rack for 64 MCT's of 1.5 ml	4



ENQUIRE





29 BU Organic Chemistry Set

- This set is ideal for introducing student to the principal techniques of preparative organic chemistry.
- Although the set is very simple a surprising number of preparations on the 30 g scale can be carried out.

Item Code	Description
202.202.01	Complete set comprising 5 items of Glassware

Item Code	Components	29 BU/M
1	Pear shaped flask 50ml	1
2	Still head	1
3	Liebig condenser	1
4	Screw cap adapter	1
5	Receiver adapter	1



ENQUIRE



27 BU Organic Chemistry Set

- A highly popular set in schools, colleges and universities.
- It has been purposely designed to cover the essential requirements for the teaching of organic chemistry and is suitable for preparations up to 30g.
- This is a set which is difficult to beat for versatility.

Item Code	Description
203.202.01	Complete set comprising 9 items of Glassware

Item Code	Components	27 BU/M
1	Pear shaped flask 50ml	1
2	Still head	1
3	Liebig condenser	1
4	Screw cap adapter	1
5	Receiver adapter	1
6	Air leak/steam inlet tube	1
7	Dropping funnel, 50 ml with PTFE Needle Valve Stopcock	1
8	Stopper	1
9	Thermometer	1



ENQUIRE

34 BU Organic Chemistry Set

- For student use in preparation organic chemistry up to the 150 g scale, this includes all the necessary equipment to allow a wide range of preparation to be carried out
- IT is also invaluable for industrial laboratories where the amount of preparative work is not great and may occur at infrequent intervals
- For such applications, this set has the advantage of covering an extensive field of work and occupying little space when not in use

Item Code	Description		
207.202.01	Complete set comprising 16 items of Glassware		
Item Code	Components	Socket Size	Socket Size
1	Still head	14/23	19/26
2	Receiver	19/26	24/29
3	Air leak/steam inlet tube	-	19/26
4	Liebig condenser	19/26	19/26
5	Dropping funnel, 100 ml	19/26	19/26
6	Reducing adapter	19/26	24/29
7	Multiple adapter	19/26	24/29
8	Flask, R.B., 50 ml	24/29	-
9	Flask, Erlenmeyer, 250 ml	24/29	-
10	Flask, R.B., 250 ml	24/29	-
11	Stopper	-	19/26
12	Stopper	-	19/26
13	Thermometer Pocket	-	14/23
14	Receiver adapter	19/26	-
15	Flask, R.B., 100ml	24/29	-
16	Stopper	-	24/29



ENQUIRE

Kit Organic Chemistry, 19/22

- For use in college organic laboratory teaching course.

Item Code	Capacity (ml)	Pack of
207.470.01	19/22	1



ENQUIRE

Kit Organic Chemistry, 14/20

- For use in college organic laboratory teaching course.

Item Code	Capacity (ml)	Pack of
207.470.02	14/20	1



ENQUIRE



**CRAFTED FOR PRECISION,
DESIGNED FOR SCIENCE**



At **Glassco Laboratory Equipments Pvt. Ltd.**, we specialize in manufacturing a comprehensive range of vials designed to meet the diverse needs of the pharmaceutical, healthcare, and life sciences industries. With an unwavering commitment to quality and innovation, we leverage our state-of-the-art **in-house green room facility** to ensure precision, sterility, and environmental responsibility. With decades of expertise and a commitment to excellence, we deliver products that seamlessly combine precision engineering, durability, and innovation.

Chromatography Vials

Screw Neck Vials

Vial are made from ASTM 438 TYPE-1 Class B Borosilicate Glass that are crafted to fit on almost all autosamplers that ensures long-term sample storage when used with top closure caps. Available in Two Sizes 12x32 mm (ND8/ND9) & 15x45 mm (Nd13)

Screw Neck Vials 12 X 32 mm (ND 8)

Screw neck vials ND8 are available in clear and amber Type 1 Glass. vials comes with 8-425 thread for used as standard GC & HPLC applications.

Item Code	Glass Color	Patch	Neck Type	D x H (mm)	Working Volume (ml)	Pack Unit
GW.SVC8.01	Clear	-	ND8	11.6 x 32	1.5	100
GW.SVC8.02	Clear	Yes	ND8	11.6 x 32	1.5	100
GW.SVA8.01	Amber	-	ND8	11.6 x 32	1.5	100
GW.SVA8.02	Amber	Yes	ND8	11.6 x 32	1.5	100



ENQUIRE



PP Caps for Screw Neck Vials 12 x 32 mm (ND 8)

Screw Caps ND8 are made of Polypropylene - PP with fitted septa. Caps have 8-425 thread, with open top centre hole

Item Code	Cap Color	Cap Design	Neck Type	Liner	Pack Unit
GW.SV8.BC1	Black	Open Top	ND8	Silicone White / PTFE red	100
GW.SV8.BC2	White	Open Top	ND8	Silicone Red / PTFE White	100



ENQUIRE





Screw Neck Vials 12 X 32 mm (ND 9)

Screw neck vials ND9 are available in clear and amber Type 1 Glass. vials come with wide opening 9mm thread and can be used on almost any autosampler

Item Code	Glass Colour	Patch	Neck Type	D x H(mm)	Working Volume (ml)	Pack Unit
GW.SVC9.01	Clear	-	ND9	11.6 x 32	1.5	100
GW.SVC9.02	Clear	Yes	ND9	11.6 x 32	1.5	100
GW.SVA9.01	Amber	-	ND9	11.6 x 32	1.5	100
GW.SVA9.02	Amber	Yes	ND9	11.6 x 32	1.5	100



ENQUIRE



PP Caps for Screw Neck Vials 12 x 32 mm (ND 9)

Screw Caps ND9 are made of Polypropylene - PP with fitted septa. Caps have 9mm thread, with open top centre hole

Item Code	Cap Color	Cap Design	Neck Type	Liner	Pack Unit
GW.SV9.BLC2	Blue	Open Top	ND9	PTFE Red / White Silicone	100
GW.SV9.BLC4	Blue	Open Top	ND9	PTFE Blue/ White Silicone/ pre-slit (single)	100
GW.SV9.BLC5	Blue	Open Top	ND9	PTFE Red / Silicone White pre-slit	100



ENQUIRE

Screw Neck Vials 15 x 45 mm (ND 13)

Screw neck vials ND13 are available in clear and amber Type 1 Glass.

Vials comes with 13-425 thread wide opening for easy filling of viscous liquids.

Item Code	Glass Color	Patch	Neck Type	D x H (mm)	Working Volume (ml)	Pack Unit
GW.SVC13.01	Clear	-	ND13	14.7 x 45	4	100
GW.SVC13.02	Clear	Yes	ND13	14.7 x 45	4	100
GW.SVA13.01	Amber	-	ND13	14.7 x 45	4	100
GW.SVA13.02	Amber	Yes	ND13	14.7 x 45	4	100



ENQUIRE



PP Caps for Screw Neck Vials 15 x 45 mm (ND 13)

Screw Caps ND13 are made of Polypropylene - PP with fitted septa.

Caps have 13-425 thread, with open top centre hole.

Item Code	Cap Color	Cap Design	Neck Type	Liner	Pack Unit
GW.SV13.BC1	Black	Open Top	ND13	Silicone White / PTFE Red pre-slit	100
GW.SV13.BC2	Black	Open Top	ND13	Silicone Red / PTFE White	100
GW.SV13.BC4	Black	Open Top	ND13	Silicone White / PTFE Red	100



ENQUIRE



CRIMP TOP Vials

- Designed to use for High Pressure / Performance Liquid Chromatography (HPLC) and Gas Chromatography (GC) Applications.
- Crimp top vials consist of an Aluminum cap and PTFE / Silicon / Rubber Septum thus forms a superior seal and reduces evaporation.
- Optional with White Ceramic Writing Patch and fill marks for easy labelling.



Crimp Top Vials 12 x 32 mm (ND 11)

Crimp Neck vials ND11 are available in clear and amber Type 1 Glass for used as standard GC & HPLC applications.

Item Code	Glass Colour	Patch	Neck Type	D x H (mm)	Working Volume (ml)	Pack Unit
GW.CTC11.01	Clear	-	ND11	11.6 x 32	1.5	100
GW.CTC11.02	Clear	Yes	ND11	11.6 x 32	1.5	100
GW.CTA11.01	Amber	-	ND11	11.6 x 32	1.5	100
GW.CTA11.02	Amber	Yes	ND11	11.6 x 32	1.5	100



ENQUIRE



Aluminium Caps for Crimp Top Vials 12 x 32 mm

Crimp Caps ND11 are made of Aluminium with septa. Caps have open top centre hole.

Item Code	Cap Color	Cap Design	Neck Type	Liner	Pack Unit
GW.V11.SC1	Silver	Open Top	ND11	Silicone White / PTFE Red	100
GW.V11.SC2	Silver	Open Top	ND11	PTFE Red / Silicone White / PTFE Red	100
GW.V11.SC3	Silver	Open Top	ND11	Transparent TEF/ Natural Rubber Red-orange Septa	100
GW.V11.SC4	Silver	Open Top	ND11	Silicone Red / PTFE Clear	100
GW.V11.SC5	Silver	Open Top	ND11	Silicone Red / PTFE White	100



ENQUIRE

SNAP RING/Cap Vials

- A snap cap provides a moderate seal and doesn't require special tools.
- Snap Caps can be snapped onto a vial and removed by hand thus eliminate the need for crimping and decapping tools.
- With an opening in the top, snap caps provide easy access for autosamplers.

Snap Ring Vials 12 x 32 mm (ND 11)

- Snap ring vials ND11 are available in clear and amber type-1 glass can be used on almost any autosamplers
- Also suitable for robotic handling.
- These vials can also be used as crimp neck vial.
- Snap ring vials are suitable for HPLC applications

Item Code	Glass Color	Patch	Neck Type	D x H (mm)	Working Volume (ml)	Pack Unit
GW.SRVC11.01	Clear	-	ND11	11.6 x 32	1.5	100
GW.SRVC11.02	Clear	Yes	ND11	11.6 x 32	1.5	100
GW.SRVA11.01	Amber	-	ND11	11.6 x 32	1.5	100
GW.SRVA11.02	Amber	Yes	ND11	11.6 x 32	1.5	100



ENQUIRE



PP Caps for Snap Ring/Cap Vials 12 x 32 mm

Snap ring caps ND11 are made of PP & Aluminium and are supplied with various septa. Snap ring caps are very easy to use and time-saving.

Item Code	Cap Color	Cap Design	Neck Type	Liner	Pack Unit
GW.V11.CC2	Clear	Open Top	ND11	Silicone White / PTFE Red	100
GW.V11.CC3	Clear	Open Top	ND11	Silicone White / PTFE Red/pre-slit	100
GW.V11.CC4	Clear	Open Top	ND11	PTFE Red / Silicone White / PTFE Red	100



ENQUIRE





HEAD SPACE Vials

- Designed to use for High Pressure / Performance Liquid Chromatography (HPLC) and Gas Chromatography (GC) Applications.
- Crimp top vials consist of an Aluminum cap and PTFE / Silicon / Rubber Septum thus forms a superior seal and reduces evaporation.
- Optional with White Ceramic Writing Patch and fill marks for easy labelling.

Head Space Vials ND 20

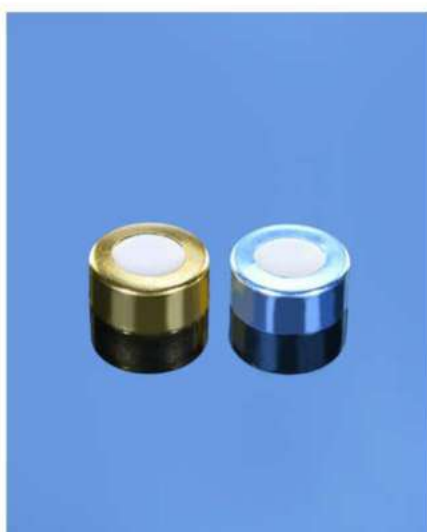
Headspace vials with Crimp neck ND20 available with round or flat bottom are made of clear and amber Type 1 glass. The vials are available with a flat DIN crimp neck or with a bevelled neck (HS neck).

On the flat DIN crimp neck, liners have a greater contact surface, which ensures a better seal. A bevelled HS neck is required if the overpressure safety seal.

Code	Glass Color	Patch	Neck Type	D x H (mm)	Working Volume (ml)	Bottom Design	Finish	Special	Pack Unit
GW.HPVC20.01	Clear	-	ND20	22 X 38	5	Round	HS	-	100
GW.HPVC20.02	Clear	-	ND20	22 X 38	5	Flat	HS	-	100
GW.HPVC20.03	Clear	-	ND20	20 X 38	5	Flat	DIN	-	100
GW.HPVC20.04	Clear	-	ND20	22.5 X 46	10	Round	DIN	-	100
GW.HPVC20.05	Clear	-	ND20	22.5 X 46	10	Flat	DIN	Long Neck	100
GW.HPVC20.06	Clear	-	ND20	20 X 54.5	10	Flat	DIN	-	100
GW.HPVC20.07	Clear	-	ND20	22.5 X 75.5	20	Flat	DIN	Long Neck	100
GW.HPVC20.08	Clear	-	ND20	22.5 X 75.5	20	Round	DIN	Long Neck	100
GW.HPVC20.09	Clear	-	ND20	22.5 X 75.5	20	Round	HS	-	100
GW.HPVC20P.10	Clear	Yes	ND20	22.5 X 75.5	20	Round	HS	-	100



ENQUIRE



Standard Caps for Head Space Vials ND 20

Item Code	Cap Color	Cap Design	Neck Type	Liner	Pack Unit
GW.V20.SC1	Silver	Open Top	ND20	Moulded Grey PTFE / Butyl	100
GW.V20.SC2	Silver	Open Top	ND20	Moulded Grey PTFE (Pharma Fix) / Butyl	100

Magnetic Crimp Cap ND 20

Item Code	Cap Color	Cap Design	Neck Type	Liner	Pack Unit
GW.V20.GC1	Gold	Open Top	ND20	White PTFE/Blue Silicone Septa	100
GW.V20.GC2	Gold & Silver	Open Top	ND20	Natural PTFE/Natural Silicone Septa	100

Pressure Release Cap for Headspace Vials ND 20

Item Code	Cap Color	Cap Design	Neck Type	Liner	Pack Unit
GW.V20.SC5	Silver	Open Top	ND20	Moulded Grey PTFE/Butyl Septa	100



ENQUIRE



ENQUIRE



ENQUIRE

SAMPLE VIALS (With Unattached Caps)

• Boro 5.0 Expansion

These are general-purpose vials are available various sizes & capacities. these are made from clear type -1 glass. cap is flushed with vial shoulder. Supplied with black phenolic caps with polyvinyl-faced pulp liner. The cap on the vial is the same diameter as the body, fitting flush to the shoulder.



Item Code	Size	Capacity (ml) Approx	Cap Colour	Cap Material	Linear Material	Thread Size	Inner Size	Case Size
086.211.01	12x35	1.80	Black	Phenolic	Polyvinyle faced Pulp	8-425	144	5184
086.211.02	15x45	4.00	Black	Phenolic	Polyvinyle faced Pulp	13-425	144	2304
086.211.03	16x50	6.00	Black	Phenolic	Polyvinyle faced Pulp	13-425	144	2592
086.211.04	17x60	8.00	Black	Phenolic	Polyvinyle faced Pulp	15-425	144	1728
086.211.05	19x65	12.00	Black	Phenolic	Polyvinyle faced Pulp	15-425	144	1728
086.211.06	21x70	16.00	Black	Phenolic	Polyvinyle faced Pulp	18-400	144	1152
086.211.07	23x85	24.00	Black	Phenolic	Polyvinyle faced Pulp	20-400	144	864
086.211.08	25x95	30.00	Black	Phenolic	Polyvinyle faced Pulp	22-400	144	576
086.211.09	28x57	16.00	Black	Phenolic	Polyvinyle faced Pulp	24-400	72	432
086.211.10	28x70	24.00	Black	Phenolic	Polyvinyle faced Pulp	24-400	72	432
086.211.11	28x95	35.00	Black	Phenolic	Polyvinyle faced Pulp	24-400	72	432
086.211.12	28x108	40.00	Black	Phenolic	Polyvinyle faced Pulp	24-400	72	432

SAMPLE VIALS (With Unattached Caps)

• Boro 3.3 Expansion

Item Code	Size	Capacity (ml) Approx	Cap Colour	Cap Material	Linear Material	Thread Size	Inner Size	Case Size
086.202.06*	17x57**	7	No Cap	-	-	15-425	200	1000
086.209.01	17x57**	7	White	Urea	Foil Cork	15-425	200	1000
086.202.20*	28x61**	20	No Cap	-	-	22-400	100	500
086.208.01	28x61**	20	White	Urea	Cone liner	22-400	100	500
086.210.01	28x61**	20	White	PP	Foil Pulp	22-400	100	500
086.210.02	28x61**	20	White	PP	PE	22-400	100	500
086.208.02	28x61**	20	White	PP	Foil Pulp	22-400	100	500
086.208.03	28x61**	20	White	Urea	Foil Cork	22-400	100	500
086.208.04	28x61**	20	White	Urea	Foil Cork	24-400	100	500

Ps : Is offered without cap
 ** height with cap





TOC Vials, Clear & Amber Glass

- Borosilicate Glass Exp. 5.1
- With Bonded Cap & Silicone Septa having flip cover
- Tolerance : O.D. 27.50 +/- 0.20mm
- Wall Thickness 1.20mm+/- 0.05mm

Item Code	Capacity (ml)	Height x O.D. (mm)	Glass	Septa	Pack of
083.205.02	20	28 x 57	Clear	Bonded Cap with rip cover	1x72
083.205.04	40	28 x 95	Clear	Bonded cap with flip cover	1x72
083.206.02	20	28 x 57	Amber	Bonded	1x72
083.206.04	40	28 x 95	Amber	Bonded cap with rip cover	1x72



ENQUIRE



Plain Neck Flat Bottom

- Borosilicate Glass Exp. 7.0

Code	Tube Dia x Height (mm)	Neck Dia (mm)	Cap. (ml)	Pcs/Inner	Inner/Case	Case Qty. (Pcs.)
086.802.03	16.25x35	13	3ml	209	15	3135
086.804.14	22.50x75	20	20ml	100	9	900
086.804.17	24.00x33	20	5ml	91	15	1365
086.804.18	24.00x45	20	13ml	91	12	1092
086.804.19	24.00x60	20	18ml	91	9	819
086.804.20	24.00x74	20	20ml	145	5	725
086.804.21	30.00x62	20	30ml	60	9	540

For Ordering Amber Vials, Please Add 'A' After Cat. Number & For Light Amber Vails, Please Add 'LA' After Cat. Number

Plain Neck Round Bottom

Code	Tube Dia(mm)	Plain Neck	1 Inner Pcs	Inner	Case
086.806.16	22.50	20ml	100	9	900



ENQUIRE



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Diagnostic Vials

Manufactured from Low Expansion Borosilicate TYPE-1 Glass and controlled bore ensures excellent fit with rubber stoppers. Screw neck vials are used in the pharmaceutical, diagnostic and food industries.

- Perfect for in-vitro diagnostic procedures
- Vials with screw thread design eliminates need for crimping tools
- Vial available in clear and amber color
- Available from stock in convenient pack sizes
- Suitable for autoclave testing machines
- Caps available in Polypropylene or Urea material

Diagnostic Vials

Item Code	Capacity (ml)	Glass	Vial DxH (mm)	Neck Size (mm)	Pack Size
GW.DVCG.01	3	Clear	18x36	15.5	320
GW.DVAG.01	3	Amber	18x36	15.5	320
GW.DVCG.02	5	Clear	18x41	15.5	320
GW.DVAG.02	5	Amber	18x41	15.5	320
GW.DVCG.03	10	Clear	25x50	22	154
GW.DVAG.03	10	Amber	25x50	22	154
GW.DVCG.04	20	Clear	27.50x63	22	130
GW.DVAG.04	20	Amber	27.50x63	22	130
GW.DVCG.05	25	Clear	30x63	22	99
GW.DVAG.05	25	Amber	30x63	22	99



ENQUIRE



Rubber Stoppers

Item Code	Glass Type	Stopper Material	Type	Pack Qty
GW.DVRS.01	13mm Stopper	Rubber	Bromobutyl Slotted	1000
GW.DVRS.02	20mm Stopper	Rubber	Bromobutyl Slotted	1000



ENQUIRE





Rubber Stoppers

Item Code	Glass Type	Stopper Material	Type	Pack Qty
GW.DVRS.03	13mm Stopper	Rubber	Bromobutyl Slotted (RFU)	1000
GW.DVRS.04	20mm Stopper	Rubber	Bromobutyl Slotted (RFU)	1000



ENQUIRE



Caps

Item Code	Cap Colour	Cap Material	Liner	Neck Size (ml)	Pack Qty
GW.DVWCPP.01	White	PP	PE	15.5	1000
GW.DVBCPP.02	Blue	PP	PE	15.5	1000
GW.DVGCPP.03	Green	PP	PE	15.5	1000
GW.DVRCPP.04	Red	PP	PE	15.5	1000
GW.DVYCPP.05	Yellow	PP	PE	15.5	1000
GW.DVWCPP.06	White	PP	PE	22	1000
GW.DVBCPP.07	Blue	PP	PE	22	1000
GW.DVGCPP.08	Green	PP	PE	22	1000
GW.DVRCPP.09	Red	PP	PE	22	1000
GW.DVYCPP.10	Yellow	PP	PE	22	1000



ENQUIRE

Glass Cartridges for Diverse Pharmaceutical Applications

Glassco offers premium-quality glass cartridges, commonly known as carpules, designed to meet the demanding needs of the pharmaceutical industry. These cartridges are manufactured with precision using borosilicate Type 1 glass tubing, available in clear and amber variants, ensuring optimal performance and durability across applications.

Key Features

- **Accurate Dosing:** Produced with a stable and precise forming process to ensure high levels of dosing accuracy.
- **Versatile Compatibility:** Engineered for seamless integration with a wide range of Pens and Auto-Injectors, commonly used for self-administration of drugs.
- **Diverse Applications:** Ideal for use in:
 - **Diabetes care:** Reliable and safe for insulin delivery.
 - **Dental care:** Widely utilized for local anesthetics.

Glassco's glass cartridges are crafted to provide unmatched quality, reliability, and safety for pharmaceutical applications worldwide.



Glass Cartridge

Item Code	Tube Dia(mm)	1 Inner Pcs	Inner	Case
619.DC.01	8.65x62	1230	4920	7200

Glass Cartridge Closure Cap

Item Code	Cap Colour	1 Inner Pcs	Inner	Case
619.DCC.01	Silver	1230	4920	7200

Glass Cartridge Plunger

Item Code	Cap Colour	1 Inner Pcs	Inner	Case
619.DCP.01	Grey	1230	4920	7200



ENQUIRE



ENQUIRE



ENQUIRE



Storage Vial

- Made of Polyethylene
- Used for storage of biological material, human & animal cells at temp. as low as -190°C
- Cap is provided with a built in seal ring making the vial leakproof
- Base of the vial has longitudinal grooves which give it a non-twisting character when placed in a vial rack

Item Code	Capacity (ml)	Pack of
144.303.01	1.0	500
144.303.02	2.0	500
144.303.03	5.0	500



ENQUIRE



Test Tube with Screw Cap

- Made from Polypropylene
- Tubes provide excellent option for RIA, Coagulation & Bacteriology etc
- Available with screw cap

Item Code	Capacity (ml)	Pack of
142.303.01	16x100mm Ext. Thread	500



ENQUIRE



SV Vial

- Made of Polypropylene
- Have polypropylene cap with built in seal ring making it a leak proof vial
- Used for the storage of biological material, animal & human cells etc

Item Code	Capacity (ml)	Pack of
147.303.01	10	500
147.303.02	5	500



ENQUIRE

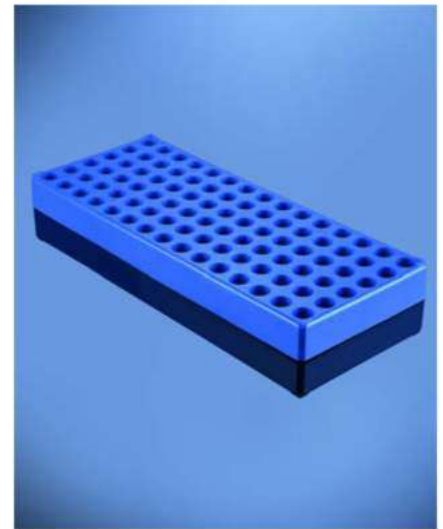
Rack for Scintillation Vial

- Made from Polypropylene, are autoclavable & corrosion resistant.
- There is an individual rack for both 8 ml. & 20 ml. vials.
- These rugged & stable racks can hold scintillation vials for convenient storage, handling & sample preparations.

Item Code	Type	Pack of
149.303.01	Rack for 90 vials of 8 ml	2
149.303.02	Rack for 50 vials of 20 ml	2



ENQUIRE



Cryo Rack

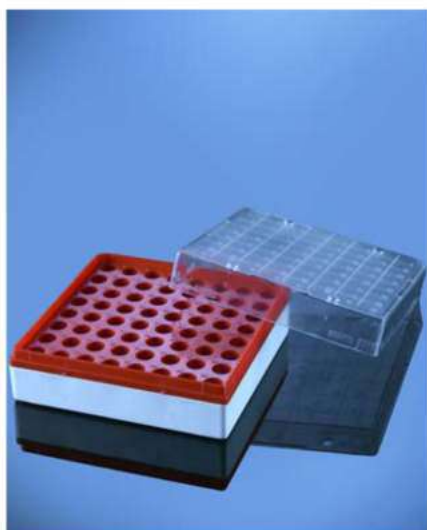
- Made from Polycarbonate making it tough, durable & autoclavable
- Can hold 50 vials at a time
- This rack is provided with four anti skid rubbers & each well is identified with an alpha-numeric index

Item Code	Type	Pack of
153.303.01	50 places for 1, 1.8 and 4.5 ml Cryo vials	2



ENQUIRE





MCT Twin Rack

- Made from Polypropylene
- Twin Purpose Rack for both 0.5 ml & 1.5 ml. micro centrifuge tubes
- Each side has 108 holes for 0.5 & 1.5 ml. MCT'S, respectively
- Transparent top provides an excellent view as well as a protection cover for the tubes stored
- Each face of the base has a unique alpha-numeric index for easy identification of the tube

Item Code	Capacity (ml)	Pack of
133.303.01	Rack for 96 PCR Tubes of 0.2 ml	4



ENQUIRE



Cryo Box (Cardboard)

- Made from Polypropylene
- Used for storage and preservation of frozen samples
- These can withstand ultra low temperature in deep freezers and has removable top lid
- These can be used for upright freezers, drawers & chest freezers with dividers and are laminated.
- Material Polypropylene & Cardboard

Item Code	Capacity (ml)	Dimension	Material	Pack of
155.303.01	81 places for 1ml & 1.8ml	132x132x50	PP	8
155.303.02	100 places for 1ml & 1.8ml	132x132x50	PP	8
155.303.03	81 places for 1.5ml & 2ml	132x132x50	Cardboard	8
155.303.04	100 places for 1.5ml & 2ml	132x132x50	Cardboard	8

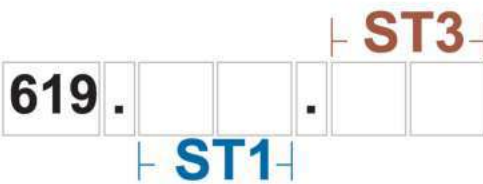


ENQUIRE

FOR THE GLASS DROPPERS CODES USE GUIDE BELOW:

Cat. No. Starts with 619 for Dropper Tip, Followed by

TO GENERATE PART NUMBER
FILL ITEM CODES FROM EACH STEPS IN BL



For Example :
619.82.13



STEP 03 (ST3)

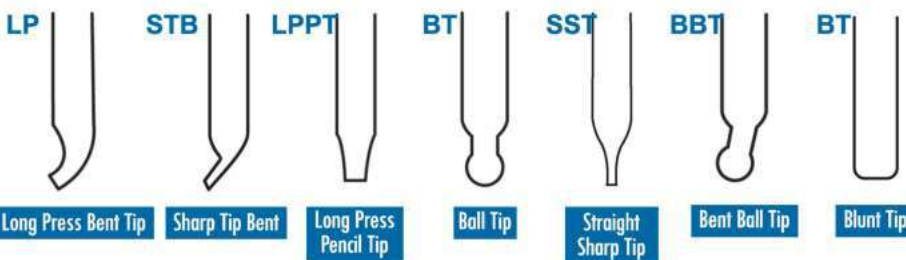
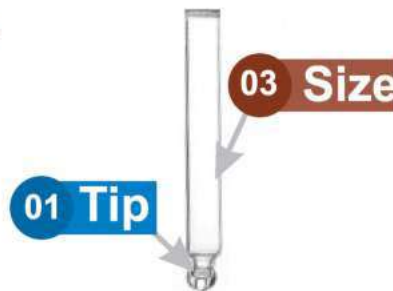
SELECTION OF DIA X LENGTH

Dia x Length	Item Code
5.25x35	01
5.25x37	02
5.25x45	03
5.25x65	04
5.75x40	05
5.75x45	06
5.75x31	07
6.25x45	08
6.25x59	09
6.25x60	10
6.25x54	11
7.25x42	12
7.25x44	13
7.25x48	14
7.25x54	15
7.25x58	16
7.25x60	17
7.25x62	18
7.25x64	19
7.25x65	20
7.25x66	21
7.25x67	22
7.25x68	23
7.25x70	24
7.25x71	25
7.25x75	26
7.25x77	27
7.25x80	28
7.25x82	29
7.25x88	30
7.25x89	31
7.25x92	32
7.25x94	33
7.25x104	34
7.25x107	35
7.25x108	36
7.25x109	37
7.25x115	38

STEP 01 (ST1)

SELECTION OF DROPPER T

Types	Item Code
LP (Long Press Bent Tip)	80
STB (Sharp Tip Bent)	82
LPPT (Long Press Pencil Tip)	84
BT (Ball Tip)	86
SST (Straight Sharp Tip)	88
BBT (Bent Ball Tip)	90
BT (Blunt Tip)	92



EU Dropper Assembly Bottle Set

TO GENERATE PART NUMBER
FILL ITEM CODES FROM EACH STEPS IN BLANKS :

ST1 | ST2 | ST3 | ST4
8 0 B K . 0 9 086.800.03

For Example : 80.BK.01W.086.800.03

CREATE YOUR OWN

DROPPER ASSEMBLY



SCAN TO SELECT

FILL ITEM CODES FROM
EACH STEPS IN BLANKS :

V279

STEP
01

SELECTION OF DROPPER TIP

Use Code :

						
LP (Long Press Bent Tip)	STB (Sharp Tip Bent)	LPPT (Long Press Pencil Tip)	BT (Ball Tip)	SST (Straight Sharp Tip)	BBT (Bent Ball Tip)	BT (Blunt Tip)
80	82	84	86	88	90	92

STEP
02













SELECTION OF TEAT COLOUR

Use Code :

	BLACK BK	WHITE W	GREY GY
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STEP
03

SELECTION OF CAP COLOUR

Colour	Colour Code	Colour	Colour Code
White 	W	Sky Blue 	SB
Blue 	B	Pink 	P
Red 	R	Violet 	V
Yellow 	Y	Orange 	O
Green 	G	Silver 	S
Black 	BK		
Grey 	GY		

STEP
04

SELECTION OF DROPPER BOTTLE

Code	Compatible Bottle Capacity (ml)	Bottle's Dial & Height	Compatible dropper size (mm)	Packaging / Inner Packs	Case Quantity
086.800.03	3	16.25x35	35	209	3135
086.800.04	3	16.25x37	37	209	3135
086.800.05	3	16.25x36	36	209	3135
086.800.06	5	16.25x45	45	209	2508
086.800.10	7.5	21.25x45	45	120	1440
086.800.12	10	21.25x59	59	120	1080
086.800.13*	10	21.25x60	60	120	1080
086.800.14*	10	21.25x62	62	120	1080
086.800.15*	10	21.25x63	63	120	1080

We offer the below mentioned vial in 10 sizes as below and against it the compatible dropper size that fits with this vial is given. It is important to select the complete dropping bottle with dropper and teat & cap accordingly.



Water Stills are carefully designed to produce high purity pyrogen free distilled water.

Unit consist of :

- a) Horizontal type boiler borosilicate glass
- b) Condenser
- c) Constant level device
- d) Silica sheathed (Quartz) heater
- e) With stand and clamp etc

Key Features :

- Borosilicate condenser and boiler are fitted with a removable silica sheathe (Quartz) heater.
- Distillate temperature is around 65 to 75°C which is ensured by an efficient condenser.
- The stand is powder coated for rust free operation and lustrous appearance.
- The unit automatically switches off if water level in the boiler falls below heater.
- Cooling water from the condenser is re-circulated into the boiling chamber, hence saving energy.
- Drain nozzle/Teflon stop cork is provided for easy cleaning and maintenance.
- The model is equipped with in-built temperature switch to protect the Glass parts in case of water failure or overheating.

Single stage, water distillation, all glass, horizontal model with inbuilt safety cutoff

Item Code	Capacity Ltr/Hr	Pack of
GLWS15SG	1.5	1
GLWS25SG	2.5	1
GLWS40SG	4	1

Spares for above Distillation unit

Item Code	Capacity Ltr/Hr	Description	Pack of
GLWS-SH-15BCS	1.5	Boiling Chamber with Leveller	1
GLWS-SH-25BCS	2.5	Boiling Chamber with Leveller	1
GLWS-SH-40BCS	4	Boiling Chamber with Leveller	1
GLWS-SH-15BCC	1.5	Coil Condenser	1
GLWS-SH-25BCC	2.5	Coil Condenser	1
GLWS-SH-40BCC	4	Coil Condenser	1
GLSI-SH-HS15	1.5	Silica Sheathed (Quartz) Heater	1
GLSI-SH-HS25	2.5	Silica Sheathed (Quartz) Heater	1
GLSI-SH-HS40	4	Silica Sheathed (Quartz) Heater	1



ENQUIRE

Double Stage Water Distillation all Glass Horizontal Model with inbuilt safety cutoff

Item Code	Capacity Ltr/Hr	Pack of
GLWS15DG	1.5	1
GLWS25DG	2.5	1
GLWS40DG	4	1

Spares for above Distillation unit

Item Code	Capacity Ltr/Hr	Description	Pack of
GLWS-SH-15BCS	1.5	Boiling Chamber with Leveller	1
GLWS-SH-25BCS	2.5	Boiling Chamber with Leveller	1
GLWS-SH-40BCS	4	Boiling Chamber with Leveller	1
GLWS-SH-15BCC	1.5	Coil Condenser	1
GLWS-SH-25BCC	2.5	Coil Condenser	1
GLWS-SH-40BCC	4	Coil Condenser	1
GLSI-SH-HS15	1.5	Silica Sheathed (Quartz) Heater	1
GLSI-SH-HS25	2.5	Silica Sheathed (Quartz) Heater	1
GLSI-SH-HS40	4	Silica Sheathed (Quartz) Heater	1



ENQUIRE



Single Stage, Water Distillation, Quartz Boiler/Borosilicate Condenser, Vertical Model without safety cutoff

Unit consist of :

- High purity quartz with inbuilt heater
- Bottom discharge joint for easy cleaning
- Spiral condenser is fitted on the boiler with receiving adapter
- Optional safety control unit provided

Conductivity	1. 0-1.5 uS/cm with Borosilicate Condenser 0.5-0.8 uS/cm with Quartz Condenser
Distilled Water Quality	Pyrogen Free
Distillate Temperature	50-60°C

* All Parameters are under standard test conditions

Advantages :

- Quartz can withstand very high temperature variation, thus it is thermal shock proof.
- Rust proof sturdy stand as base.

Key Features:

- Distillate is pyrogen free; also it is free of heavy metals.
- Low maintenance is required.
- Provides instant distilled water in less than one minute

Item Code	Capacity Ltr/Hr	Pack of
GLSD25BB	2.5	1
GLSD25BB	5	1
GLSD80BB	8	1
GLSD100BB	10	1

Spares for above Distillation unit

Item Code	Capacity Ltr/Hr	Description	Pack of
GLSD-25-QBS	2.5	Quartz boiling chamber	1
GLSD-50-QBS	5	Quartz boiling chamber	1
GLSD-80-QBS	8	Quartz boiling chamber	1
GLSD-100-QBS	10	Quartz boiling chamber	1
GLSD-25-BCC	2.5	Borosilicate Coil Condenser	1
GLSD-50-BCC	5	Borosilicate Coil Condenser	1
GLSD-80-BCC	8	Borosilicate Coil Condenser	1
GLSD-100-BCC	10	Borosilicate Coil Condenser	1

Accessories for above Distillation unit

Item Code	Capacity Ltr/Hr	Pack of
GLSI-SCU-1	2.5 & 5	1
GLSI-SCU-2	8 & 10	1



ENQUIRE

Single Stage, Water Distillation, Quartz boiler & Quartz condenser, vertical model without safety cutoff

Item Code	Capacity Ltr/Hr	Pack of
GLSD25AQ	2.5	1
GLSD25AQ	5	1
GLSD80AQ	8	1

Spares for above Distillation unit

Item Code	Capacity Ltr/Hr	Description	Pack of
GLSD-25-QBS	2.5	Quartz boiling	1
GLSD-50-QBS	5	Quartz boiling	1
GLSD-80-QBS	8	Quartz boiling	1
GLSD-25-QCC	2.5	Quartz Coil Condenser	1
GLSD-50-QCC	5	Quartz Coil Condenser	1
GLSD-80-QCC	8	Quartz Coil Condenser	1

Accessories for above Distillation unit

Item Code	Capacity Ltr/Hr	Pack of
GLSI-SCU-1	2.5 & 5	1
GLSI-SCU-2	8 & 10	1



ENQUIRE



All Quartz, Double Stage, Water Distillation Unit, Vertical Model, including Safety cutoff

Unit has been designed keeping in view customer requirements and easy serviceability of the equipment.

Unit consists of :

- Lower boiler with inbuilt heater enclosed in a quartz boiler with a cup on top.
- Demountable upper boiler with built in quartz coil and condensing unit mounted on the boiler with the help of ball and socket joint
- Double walled condenser ensures separate condensation of vapours coming from the two boilers using a single cooling circuit
- Unit mounted on a specially designed metal stand and is also provided with automatic safety Control Unit.

Double Distillate Quality

Specific Conductivity	0.1 us/cm
Biological Activity (distillate quality)	Pyrogen Free
Organic Matter	Nil
Total Solids	0.1 mg/ltr

* We recommend a Quartz Reservoir For storage of High purity water.

* All Parameters are under standard test conditions

Item Code	Capacity Ltr/Hr	Pack of
GLDD25AQ	1.5	1
GLDD25AQ	2.5	1
GLDD40AQ	4	1
GLDD50AQ	5	1

Spares for above Distillation unit

Item Code	Capacity Ltr/Hr	Description	Pack of
GLDD-15AQ-PB	1.5	Quartz Primary Boiler	1
GLDD-25AQ-PB	2.5	Quartz Primary Boiler	1
GLDD-40AQ-PB	4	Quartz Primary Boiler	1
GLDD-50AQ-PB	5	Quartz Primary Boiler	1
GLDD-15AQ-SC	1.5	Quartz Secondary Boiler	1
GLDD-25AQ-SC	2.5	Quartz Secondary Boiler	1
GLDD-40AQ-SC	4	Quartz Secondary Boiler	1
GLDD-50AQ-SC	5	Quartz Secondary Boiler	1
GLSI-SCU-15AQ	1.5	Safety Cut-off Device	1
GLSI-SCU-25AQ	2.5	Safety Cut-off Device	1
GLSI-SCU-40AQ	4	Safety Cut-off Device	1
GLSI-SCU-50AQ	5	Safety Cut-off Device	1



ENQUIRE

Advantages of Demountable Model :

- Easy cleaning of the first boiler since it can be dismantled from the assembly
- Ease of interchangeability as it is provided with ball & Socket joint
- Boiler and condenser have larger boiling space resulting in balanced boiling and improved quality of distillate Compact and easy to install
- Dual safety Power Cut-off System included in distillation unit price
- New Design of Safety Cut-off System with Dual Safety & Microprocessor Control
- New dual - safety cut off provides accurate values
- Microprocessor Controlled
- LCD Display
- Audible alarm for unsupervised operation

NOTE : ***pH electrodes will NOT give accurate pH values in distilled or de-ionized water. This is because distilled and de-ionized water do not have enough ions present for the electrode to function properly. The readings will drift and be essentially meaningless. In practice, however, most distilled water will have a pH that is slightly acidic (less than 7.0) due to the presence of carbon dioxide (CO₂) that is absorbed from the atmosphere. Dissolved carbon dioxide reacts slowly with water to give the bicarbonate and hydronium ions.

Automatic Water Distillation Unit (Cabinet Still)

Key Features :

- Fully automatic water distillation equipment
- Can be used in research laboratories, hospitals etc
- Made from 3.3 exp borosilicate glass.
- Provides accurate values
- Microprocessor controlled
- LCD display
- Audible alarm for unsupervised operation
- Replaceable silica sheathed (Quartz) heater: fitted on horizontal jacket
- Distillate temperature is around 25 to 45°C ensured by an efficient condenser.
- Metal stand is painted for rust free operation and lustrous appearance.
- Cooling water from the condenser is re-circulated into the boiling chamber, hence saving energy.
- Fuse is provided for safety in case of voltage fluctuation or short circuit.
- Boiler is provided with Teflon screw cork for easy draining and cleaning of boiling chamber.
- The front cover is easily removable making the access to the glass parts very easy.
- Electrical Power: 220/240 V, 50/60Hz, Single Phase Supply.



Water Distillation

Additional In-built Safety Features:

- Gate Valve: Conserves cooling water wastage in case of power failure.
- Flow Switch: Additional in-built safety feature for the equipment unit shut off in case of cooling water failure.
- Temperature switch: The boiler is equipped with a safety temperature switch which shuts off the unit if water level in the boiler falls below the heater, thus saving the glass parts from any damages.
- Level Sensor: It shuts off the distillation equipment if the water level in the boiler falls below the heater.
- Reservoir Level Sensor: this helps in automatic working of the water distillation equipment. Depending on the water level in the reservoir it will automatically switch On/Off the equipment, thus saving energy. (Reservoir can also be provided with a storage capacity of 5 ltr, 10 ltr & 20 ltr made of Borosilicate Glass or polypropylene)

Single stage, automatic water distillation unit, cabinet still

Item Code	Capacity Ltr/Hr	Stage	Pack of
GLCM20S	2	Single	1
GLCM40S	4	Single	1
GLCM20D	2	Double	1
GLCM40D	4	Double	1

Spares for above Distillation unit

Item Code	Capacity Ltr/Hr	Description	Pack of
GLCM-20BCS	2	Boiling Chamber with Leveller for GLCM-20S & GLCM-20D	1
GLCM-40BCS	4	Boiling Chamber with Leveller for GLCM-40S & GLCM-40D	1
GLCM-20BCC	2	Coil Condenser for GLCM-20S & GLCM-20D	1
GLCM-40BCC	4	Coil Condenser for GLCM-40S & GLCM-40D	1

Accessories for above Distillation unit

Item Code	Capacity Ltr/Hr	Description	Pack of
GLSI-SH-HS	2	Silica Sheathed (Quartz) Heater for GLCM-20S, GLCM-40S, GLCM-20D & GLCM-40D	1



ENQUIRE

WATER SOFTENER

Prominent feature :

Softens the hard water and provides good quality water for use in laboratories.

- Remove all the calcium and magnesium ions in hard water and the soft water thus obtained liquid has hardness less than 5 ppm as CaCO_3 .
- Specially designed for easy serviceability and recharging the resin with sodium chloride solution.
- Softened water can be used as feed water to the Distillation Units.
- Use of hard water in boilers, would leave the boiler with a lot of scaling and sedimentation, hence to improve the quality of the distillate and for longer life of the glass/quartz boilers, it is recommended to use softened water.

Item Code	Description	Pack of
GI000200	Water Softner	1





Water Distillation With Chiller *New*

- **Automatic Cut-Offs:** Heater shuts off if condenser water supply is lost, and both heater and valve cut power once the distilled water tank reaches the set level.
- **Water Level Monitoring:** Easy-to-view water level window.
- **Overvoltage Protection:** Circuit breaker for added safety.
- **Smart Operation:** System shuts down at set water level and restarts when it drops.
- **Easy Maintenance:** Steam generator and condenser are easily dismantled for cleaning and scale removal.
- **Compact Design:** Space-saving, user-friendly, and efficient.

Item Code	Capacity/Hr
GLWS.DAN.05	1.5 Ltr./Hr



ENQUIRE

Specification

Steam Generator Dual	High grade SS Steam Generator
Water condenser Dual	High grade SS Water condenser
Housing material of construction	MS with powder coated finish
Water level monitoring & control	Photo electric sensor
Rate of Distillation	1.5 Ltr/Hour double distillation
Heater	Dual Immersion Heater
Heater wattage	2500 W each
Distilled water collection tank	Dual PVC Collection tank
Distilled water tank capacity	5 Ltr
Membrane key pad with indications	4.3" Touch with membrane keyboard
Electrical Requirement	115 V/60 Hz/single phase

All Glass Water Distillation (Automatic) *New*

This is designed for precise and efficient operation, featuring advanced microcontroller-based electronic circuitry for seamless user interaction. The alphanumeric LCD displays real-time messages, providing clear and intuitive guidance during operation.

- **Environment-Friendly Design:** Engineered for sustainable and efficient operation.
- **One-Touch Operation:** Fully automatic, intelligent dual-stage system for ease of use.
- **Energy-Saving Control:** Automatically turns off the heater and closes the cooling water inlet after reaching the set output volume, conserving energy and resources.
- **Boiler Safety:** Detects low water levels in the boiler to prevent damage to the heater.
- **Cooling Water Conservation:** Gate valve minimizes water wastage during power failures.
- **Built-In Safety Features:** A flow switch shuts off the unit in case of cooling water failure, with buzzer alerts and error messages displayed until flow is restored.
- **User-Friendly Interface:** Equipped with an alphanumeric LCD and keypad for easy settings and real-time system messages.
- **Advanced Functionalities:** Includes auto-cleaning detection, probe error alerts, and soft calibration to adjust for seasonal temperature and flow rate variations.
- **Manual Override:** Flow sensor and solenoid valve can be manually overridden when necessary.
- **Serviceability:** Features a replaceable quartz heater for easy maintenance.
- **Enhanced Safety:** Protects users and equipment from power or wattage fluctuations.



Item Code	Capacity/Hr
DN.WD.01	2 Ltr/hr
DN.WD.02	4 Ltr/hr



ENQUIRE

Specification

	2 Ltr/Hr	4 Ltr/Hr
Output Cap. (approx.)	2 Ltr/Hr	4 Ltr/Hr
Stage	Double Stage	Double Stage
Cooling water requirement (approx.)	2 Ltr/Min	2-4 Ltr/Min
Conductivity uS/cm	0.8-1.0	0.8-1.0
Power Rating (Total)	3.0 KW	6.0 KW
AC Voltage	115 - 240 VAC	115 - 240 VAC
AC Frequency	50 - 60 Hz	50 - 60 Hz

BENCHTOP INSTRUMENTS

DAN[®]
— LOGITECH —
Glassco Group



startupindia
CERTIFIED

INNOVATIVE | CUSTOMIZED | ADAPTIVE

DAN LOGITECH INSTRUMENTS PVT. LTD.

Digital Magnetic Stirrer With Hotplate (With LCD Display) *New*

- Independent control for heating & stirring
- Powerful 1300 W heater, biggest in class, gives results quickly.
- Probe based thermal control best for direct media temperature control.
- 7X7 inch Glass Cera top supports large vessels upto 5 Ltr.
- Pt1000 for higher accuracy.
- Hot Top warning, very safe for users.
- Precise, microcontroller-based temperature control in both C & F
- Indicates errors automatically in Display.
- BLAC motor withstands
- Rugged against spillages. Patented spill away design

Item Code	Volts	Hz	Watts
500B.DNDG.01	230	50	1300
500B.DNDG.02	115	60	1300

Accessories

Item Code	Accessories
550.500.01*	Rod Stainless Steel length 500 mm, Ø 12 mm
550.500.02*	Magnetic Stirring bar 25 mm x 8 mm
550.500.03*	PT 1000 sensor probe
550.500.04*	Clamp with Boss head

*Included

Specification

Heating plate material	Glass Ceramic Top Plate
Dimension of heating plate	180 x 180 mm
Display windows	LCD WHITE
Speed range	~2000 RPM
Heat output	1300 W
Heating capacity	5 Ltr
Stirring capacity	20 Ltr
Temperature range	Ambient to 550°C
Adjustable safety cut off	580°C
Control accuracy of sensor	± 1K
Weight	5.2 kg
Permissible ambient temp.	5 - 40°C
Permissible relative humidity	80%
Dimensions	378 x 220 x 103 mm
Frequency	50/60 Hz
Voltage	230/115 V
DIN EN 60529	IP 21



Informative Big White LCD Display with set & actual



HEAT
1300W



STIR
2000 RPM



Neoceram
N11 Plate



LCD
Display



Capacity
5000ml



Ambient to
550°C



PT 1000 Temp.
Sensor



Toggle
button



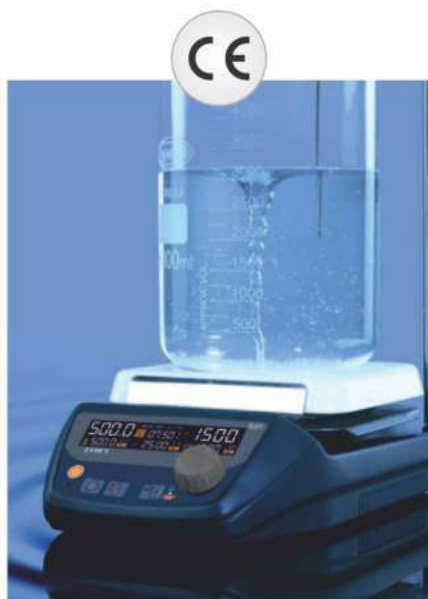
Celsius/
Fahrenheit



IP
CLASS
IP 21



ENQUIRE



Informative Big White LCD Display with set & actual



HEAT
1300W



STIR
2000 RPM



Neoceram
N11 Plate



LCD
Display



Capacity
5000ml



Ambient to
550°C



PT 1000 Temp.
Sensor



Toggle
button



Celsius/
Fahrenheit



IP
CLASS
IP 21

Digital Magnetic Stirrer With Hotplate Pro *New*

NEOCERAM™ (Glass Ceramic Top)

- Powerful 1300 W heater, biggest in class, gives results quickly.
- Probe based thermal control best for direct media temperature control
- 7X7 inch Glass Cera top supports large vessels upto 5 Ltr.
- Automatic device control mode.
- Temperature reach alarms.
- Timer/Counter option.
- PT 1000 for higher accuracy.
- Continuous stir on or off option.
- Precise, microcontroller-based temperature control in both C & F
- Indicates errors automatically in Display.
- Setting Lock Possible.
- BLAC motor withstands

Item Code	Volts	Hz	Watts
500P.DNDG.01	230	50	1300
500P.DNDG.02	115	60	1300

Accessories

Item Code	Accessories
550.500.01*	Rod Stainless Steel length 500 mm, Ø 12 mm
550.500.02*	Magnetic Stirring bar 25 mm x 8 mm
550.500.03*	PT 1000 sensor probe
550.500.04*	Clamp with Boss head

*Included

Specification

Heating plate material	Glass Ceramic Top Plate
Dimension of heating plate	180 x 180 mm
Display windows	LCD WHITE
Speed range	~2000 RPM
Heat output	1300 W
Heating capacity	5 Ltr
Stirring capacity	20 Ltr
Temperature range	Ambient to 550°C
Adjustable safety cut off	580°C
Control accuracy of sensor	± 1K
Weight	5.2 kg
Permissible ambient temp.	5 - 40°C
Permissible relative humidity	80%
Dimensions	378 x 220 x 103 mm
Frequency	50/60 Hz
Voltage	230/115 V
DIN EN 60529	IP 21



ENQUIRE

Digital Magnetic Stirrer With Hotplate PRO+ *New* (With LCD Display, pH & WIFI Based Labs-Connect™)

- WIFI variant adds value Lab-Connect™ useful for private non pharma labs.
- Powerful 1300 W heater, biggest in class, gives results quickly.
- Probe based thermal control best for direct media temperature control, pH electrode for pH based alarms.
- 7X7 inch Glass Cera top supports large vessels upto 5 Ltr.
- CERA click quick removal of top plate
- Lock Key on panel for settings lock
- Pt1000 for higher accuracy
- Separate PID/Heating mode selection
- Precise, microcontroller-based temperature control in both C & F
- PU coated body, made from AL Alloy gives infinite rust/damage free life
- BLAC motor withstands

Item Code	Volts	Hz	Watts
500PP.DNDG.01	230	50	1300
500PP.DNDG.02	115	60	1300

Accessories

Item Code	Accessories
550.500.01*	Rod Stainless Steel length 500 mm, Ø 12 mm
550.500.02*	Magnetic Stirring bar 25 mm x 8 mm
550.500.03*	PT 1000 sensor probe
550.500.04*	Clamp with Boss head

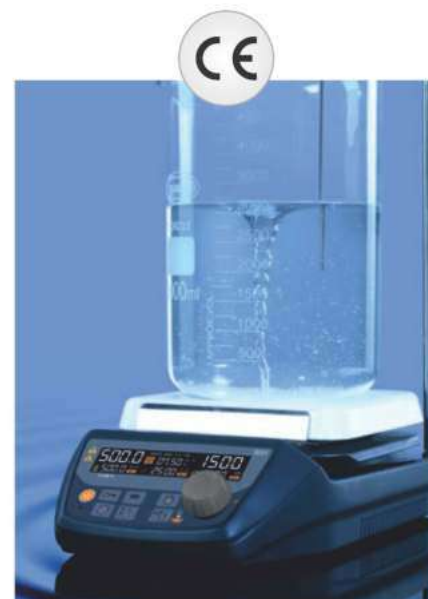
*Included

Specification

Heating plate material	Glass Ceramic Top Plate
Dimension of heating plate	180 x 180 mm
Display windows	LCD WHITE
Speed range	~2000 RPM
Heat output	1300 W
Heating capacity	5 Ltr
Stirring capacity	20 Ltr
Temperature range	Ambient to 550°C
Adjustable safety cut off	580°C
Control accuracy of sensor	± 1K
Weight	5.2 kg
Permissible ambient temp.	5 - 40°C
Permissible relative humidity	80%
Dimensions	378 x 220 x 103 mm
Frequency	50/60 Hz
Voltage	230/115 V
DIN EN 60529	IP 21



ENQUIRE



Informative Big White LCD Display with set & actual



HEAT
1300W



STIR
2000 RPM



Neoceram
N11 Plate



LCD
Display



Capacity
5000ml



Ambient to
550°C



PT 1000 Temp.
Sensor



Toggle
button



Celsius/
Fahrenheit



IP
CLASS
IP 21



Digital Magnetic Stirrer With Hotplate

(CERAMIC COATED STAINLESS STEEL TOP)

- Powerful 650W Heater Heat Evenly, rapidly & given result quickly
- PU Coated Aluminium Alloy Moulded Construction
- Auto Power "ON" possible
- Ceramic coated top plate, chemically resistant and scratch resistant
- High magnetic strength
- Selection of hot plate or probe temperature control.
- Settable safety cut-off for maximum temperature limit for top plate or probe
- Installed with double PT sensors for safety & fail safe operating mechanism
- Count-up indication of minutes and hours
- Audible alarm at time cycle end for safety and ease of unsupervised operation
- Error code display for failures

Item Code	Volts	Hz	Watts
900.DNDG.01	230	50	650
900.DNDG.02	115	60	650

Accessories

Item Code	Accessories
850.800.01*	Rod Stainless Steel Length 400mm, Ø 12mm
850.800.02*	Magnetic Stirring bar 35mmx8mm
850.800.03*	Moulded PT 100 Sensor
850.800.04*	Boss head

*Included

Specification

Heating plate material	Ceramic Coated Stainless Steel
Dimension of heating plate	Ø150 mm
Three display windows for	Temp., RPM and Time
Speed range	50 - 1500 RPM
Heat output	650 W
Heating capacity	2 Ltr
Stirring capacity	2 Ltr
Maximum Stirring bar Length	upto 80mm bar (at lower speed)
Temperature range	Ambient to 350°C Approx.
Adjustable safety cut off	50 - 400°C
Control accuracy of PT 100	± 1K
Weight	3.2 kg
Weight of Capacity	20 Ltr
Permissible ambient temp.	5 - 40°C
Permissible relative humidity	80%
Dimension of hot plate	273 x 160 x 102 mm
RS 232 interface	Yes (For Programming)
Frequency	50/60 Hz
Voltage	230/115 V
DIN EN 60529	IP 32



Digital Magnetic Stirrer With Hotplate (Aluminium Alloy Ceramic Coated Top)

- Powerful 650W Heater Heat Evenly, rapidly & given result quickly
- PU Coated Aluminium Alloy Moulded Construction
- Auto Power "ON" possible
- Ceramic coated top plate, chemically resistant and scratch resistant
- High magnetic strength
- Selection of hot plate or probe temperature control.
- Settable safety cut-off for maximum temperature limit for top plate or probe
- Installed with double PT sensors for safety & fail safe operating mechanism
- Count-up indication of minutes and hours
- Audible alarm at time cycle end for safety and ease of unsupervised operation
- Error code display for failures
- Compatible for use with all major brands top assemblies 1 Cavity, 3 Cavities or Multiple Cavities

Item Code	Volts	Hz	Watts
610.DNDG.01	230	50	650
610.DNDG.02	115	60	650

Accessories

Item Code	Accessories
850.800.01*	Rod Stainless Steel Length 400mm, Ø 12mm
850.800.02*	Magnetic Stirring bar 35mmx8mm
850.800.03*	Moulded PT 100 Sensor
850.800.04*	Boss head
850.800.05	Adapter ring to fit Ø135

*Included

Other Accessories, flask adapter

Item Code	Round Bottom Flask Capacity (ml)	Places
610.ADP.00	10	8
610.ADP.01	25	7
610.ADP.02	50	4
610.ADP.03	100	1

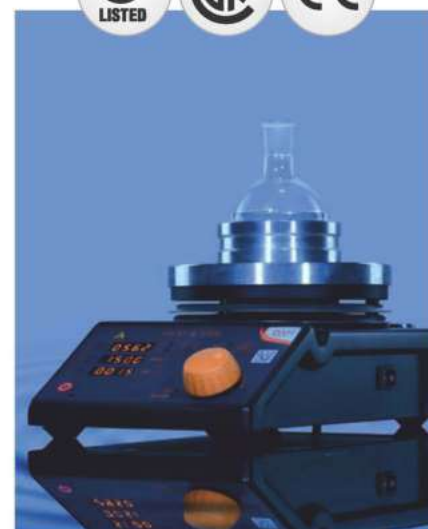
*Ø135 - To be order separately

Specification

Heating plate material	Ceramic Coated Stainless Steel
Dimension of heating plate	Ø145 mm
Three display windows for	Temp., RPM and Time
Speed range	50 - 1500 RPM
Heat output	650 W
Heating capacity	2 Ltr
Stirring capacity	2 Ltr
Maximum Stirring bar Length	upto 80mm bar (at lower speed)
Temperature range	Ambient to 350°C Approx.
Adjustable safety cut off	50 - 400°C
Control accuracy of PT 100	± 1K
Weight	3.2 kg
Dimensions	273 x 160 x 102 mm
Permissible ambient temp.	5 - 40°C
Permissible relative humidity	80%
RS 232 interface	Yes (For Programming)
Frequency	50/60 Hz
Voltage	230/115 V
DIN EN 60529	IP 32



ENQUIRE



HEAT
650W



STIR
1500 RPM



Multi Adapters
10, 25, 50, 100 ml



3 LED
Display



Capacity
2000ml



Ambient to
350°C



PT 100 Temp.
Sensor



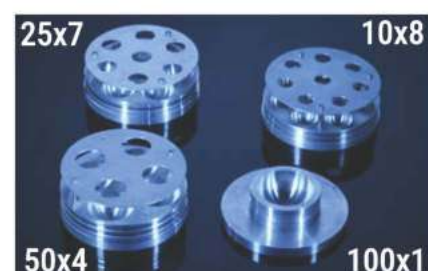
Toggle
button



Celsius/
Fahrenheit



IP
CLASS
IP 32





Analogue Magnetic Stirrer With Hotplate (SS & Aluminium Alloy Ceramic Coated Top)

- PU Coated Aluminium Alloy Moulded Construction
- Easy temperature & Stir controls
- Installed with Safety PT sensor for fail safe operation.
- Hot top indicator for temperatures above 50°C.
- Large top plate to assist beakers upto 2000 ml.
- High magnetic strength.
- Electronic variable speed control with Knob.
- Knob for regulating variable temperature.
- Heat reach Indicator, To ensure you correct temperature of plate surface.
- Stirring & temperature indicator
- Error indicators for heat & Stir function inbuilt trouble shoot

Item Code	Volts	Hz	Watts
710.DNAG.01	230	50	650
610.DNAG.01	230	50	650
710.DNAG.02	115	60	650
610.DNAG.02	115	60	650
700.DNAG.02	115	60	650

Accessories

Item Code	Accessories
850.800.01	Rod Stainless Steel Length 400mm, Ø 12mm
850.800.02*	Magnetic Stirring bar 35mmx8mm
850.800.04	Boss head

*Included



HEAT
650W



STIR
1600 RPM



Celsius/
Fahrenheit



Dual
Knobs



Capacity
2000ml



Ambient to
350°C



Hot Top
Indicator



IP
CLASS
IP 22

Specification

Heating Plate Material	SS 304 Grade with Ceramic/Aluminum Alloy with Ceramic Coating
Dimension of heating plate	Ø145 (For 610DNAG) Ø150 (For 710DNAG/700DNAG)
Speed range	50-1600 RPM
Maximum stirring bar Length	Can use upto 80 mm bar (at lower speed)
Temperature Range	Ambient to 350°C approx
Dimensions of hot plate body	273x160x102mm
Weight of body	3.0 kgs
Permissible ambient Temperature	5 - 40 °C
Permissible relative moisture	80%
Weight of Capacity	20 Ltr
IP Class	22



ENQUIRE

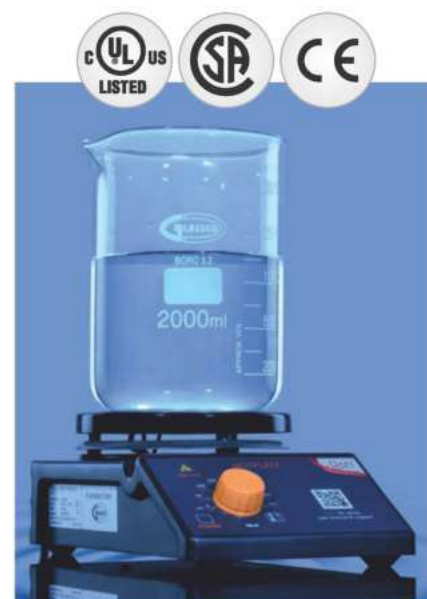
Analogue Hotplate (SS Ceramic Coated Top)

- Powerful 650W Heater Heat Evenly, rapidly & given result quickly
- PU Coated Aluminium Alloy Moulded Construction
- Easy Temperature control
- Hot top indicator for temperatures above 50°C
- Large top plate to assist beakers upto 2000 ml
- Heat reach Indicator, To ensure you correct temperature of plate surface
- Temperature Indicator

Item Code	Volts	Hz	Watts
730.DNAG.01	230	50	650
730.DNAG.02	115	60	650

Optional Accessories

Item Code	Accessories
850.800.01	Rod Stainless Steel Length 400mm, Ø 12mm
850.800.04	Boss head



Specification	
Heating Mantle Material	Stainless Steel 304 Grade Ceramic Coated
Dimension of heating plate	150 Ø
Temperature Range	Ambient to 350°C approx
Dimensions of hot plate body	273x160x102mm
Weight of body	2.0 kgs
Permissible ambient Temperature	5- 40 °C
Permissible relative moisture	80%
Frequency	50/60 Hz
Voltage	230/115 V
DIN EN 60529	IP 21





3 Position Analogue Magnetic Stirrer With Hotplate (SS Top)

- PU Coated Mild Steel construction
- Three independently controlled stirring/heating positions.
- Powerful magnets for strong magnetic coupling.
- Easy temperature & Stir controls.
- Installed with Safety PT sensor for fail safe operation.
- LED hot top indicator for temperatures above 50°C for each station.
- Electronic variable speed control.
- Knob for regulating variable temperature.
- Heat reach Indicator, To ensure you correct temperature of plate surface.
- Stirring Indicator
- LED error code displays & safety for heat & Stir function inbuilt trouble shoot.

Item Code	Volts	Hz	Watts
716.DNAG.01	230	50	(450x3) 1350
716.DNAG.02	115	60	(450x3) 1350

Included Accessories

Item Code	Accessories
850.800.02	Magnetic Stirring bar 35mmx8mm

Specification	
Heating plate material	Stainless Steel
Dimension of heating plate	Ø150 mm
Stirring capacity	2 Ltr each station
Speed range	1600 RPM
Stirring position	3
Maximum stirring range	Can use upto 80mm bar Lower speed
Maximum plate temperature	350°C
Overall dimensions	505 x 246 x 195 mm
Plate dimensions	504 x 175 x 30 mm
Weight	7.0 kg (Approx.)
Permissible ambient temp.	5 - 40°C
Permissible relative humidity	80%
Frequency	50/60 Hz
Voltage	230/115 V
DIN EN 60529	IP 21



ENQUIRE

HEAT 1350W	STIR 1600 RPM
HEAT/STIR Selection	Chemical Resistant
Hot Top Indicator	Ambient to 350°C
Celsius/ Fahrenheit	IP CLASS IP 21

Digital Flat Stirrer

- Unibody design gives IP65 for water proof performance
- Ultra-flat compact magnetic stirrer, guaranteed with modern magnet coil technology
- Wear-free drive with no moving parts
- 7 Stirring modes for better mixing
- Moterless, No Noise, Fail proof, Long working
- Set-up plate and casing made from chemically resistant materials
- Slip-proof, safe stand
- Max. stirring quantity (H₂O): 800 ml
- Speed range: 10 - 1500 rpm

Item Code	Input Volts	Hz	Watts
430.DNDG.01	230	50	6
430.DNDG.02	115	60	6

Specification	
Number of stirring positions	1
Stirring capacity	800 ml
Speed range	10 - 1500 RPM
Max. stirring bar length	25 x 8 mm
Material	Polyster
Top plate dimensions	Ø100 mm
Dimensions	122 x 12 x 182 mm
Weight	450 gm
Permissible ambient temperature	5 - 40°C
Permissible relative humidity	80 %
Power input	6 W
Max. load capacity	10 kg
Operating Voltage	12 V
DIN EN 60529	IP 65



ENQUIRE




Ultra Flat
12 mm Thickness


STIR
1500 RPM


TIME/STIR
Display Toggle


Chemical
Resistant


Capacity
800ml

7
MODE
Choices


Clock &
Anticlock


Timer
00:01-99:59

IP
CLASS
IP 65



Heavy Duty Digital Magnetic Stirrer (SS Top For Large Volumes)

- Large display allow viewing from distance
- Powerful magnet stirrer large volume
- Acceleration adjust for volume & viscosity combination
- Auto power 'ON' possible
- Optional Detachable wire & wireless remotes add value for placing under large vessel
- Large surface to assist large vessels upto 20, 40, 50, 100 & 200 Ltr.
- High magnetic strength
- Electronic variable speed control
- Independent display for RPM & Time
- Choice of 7 modes of rotation
- Optional trolley truck for large vessels

Item Code	Input Volts	Volts/Hz	Watts	Capacity (Ltr)
420.DNDG.01	230/115	60/50	50	20
440.DNDG.01	230/115	60/50	50	40
450.DNDG.01	230/115	60/50	50	50
4100.DNDG.01	230/115	60/50	50	100
4200.DNDG.01	230/115	60/50	50	200

Accessories (On Order)

Item Code	Accessories
420.00.01	Remote (Wired)
420.00.02	Remote IR (Wireless)
420.00.03	Trolley Truck

Specification	
Speed range	100 - 2000 RPM
Timer range	1min - 99:59min
Stirring power mode	50%,75%,100%
Acceleration mode	Yes
Timer bypass	Yes
Display type	LED
Stirring power	50 W
Operating voltage	24 VDC
Dimensions	370 x 415 x 115 mm
Weight approx.	11 kg
Material housing	Stainless Steel grade 304
Permitted operation conditions	5 - 40°C at 80% humidity
IP class	20



ENQUIRE

Digital Magnetic Stirrer With Heating (5 Position)

Lab-Connect™ Technology

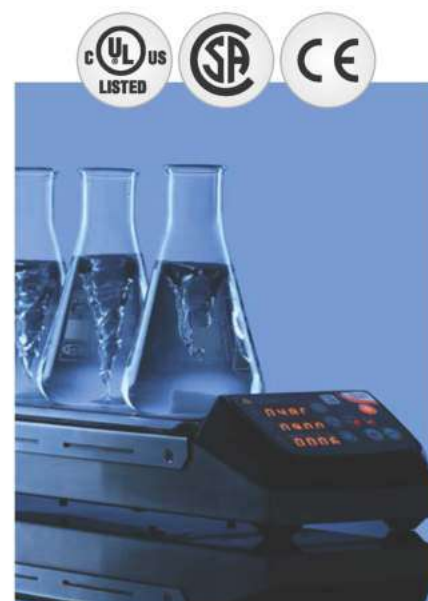
- Robust Metallic Construction
- Designed for synchronous heating and stirring
- Suitable for continuous unsupervised operation
- Silicone mat for anti-skid.
- The magnetic coil motorless technology provides noiseless and consistent stirring on all positions
- Homogeneous temperature distribution across the heating plate
- Timer function & Auto power 'ON' possible
- Multiple modes with mode selection key
- Constant stirring speeds even with viscosity changes
- SPC-mode for a low self-warming of the surface
- Error codes display
- Can be operated with Labs-connect App over Wifi/USB Controls

Item Code	Volts	Hz	Watts	Heat	WiFi
411.DNWDG.01	230	50	220	✓	✓
411.DNDG.01	230	50	220	✓	✗
411.DNWDG.02	115	60	220	✓	✓
411.DNDG.02	115	60	220	✓	✗

Included Accessories

Item Code	Accessories
411.00.01	(5) magnetic Stirring bar 30mm x 8 mm

Specification	
Set-up plate material	Aluminum
Silicone Mat	Yes
Number of stirring positions	5
Stirring position distance	90 mm
Speed range	0 - 1000 RPM
Speed control	10 RPM/click
Stirring capacity	2 Ltr
Max. stirring bar length	30 x 8 mm
Heating temperature range	Room temp. - 120°C
Control display	LED
Input Type	Key Button
Adjustable safety circuit min.	50°C
Adjustable safety circuit max.	130°C
Timer range	1 min - 99:59 min
Set-up plate dimensions	514 x 122 mm
Dimensions	600 x 120 x 80 mm
Weight	4.4 kg (Approx.)
Permissible ambient temperature	5 - 40°C
Permissible relative humidity	80 %
Voltage	230/115 V
Frequency	50/60 Hz
DIN EN 60529	IP 40



HEAT
220W



STIR
1000 RPM



3 LED
Display



Chemical
Resistant



Capacity
5 x 400ml



6
MODE
Choices



Clock &
Anticlock



Continuous
Stir Mode Key



Eco-Power



Ambient to
120°C



IP
CLASS
IP 40



ENQUIRE



HEAT
750W



STIR
1000 RPM



3 LED
Display



Chemical
Resistant



Capacity
15 x 400ml

6
MODE
Choices



Clock &
Anticlock



Continuous
Stir Mode Key



Eco-Power



Ambient to
120°C

IP
CLASS
IP 40

Digital Magnetic Stirrer With Heating (15 Position)

Lab-Connect™ Technology

- Robust Metallic Construction
- Suitable for continuous unsupervised operation
- Designed for synchronous heating and stirring
- The magnetic coil motorless technology provides noiseless and consistent stirring on all positions
- Homogeneous temperature distribution across the heating plate
- Hot top warning indication
- Adjustable reverse operation for stirring
- Stirring speed remains constant, even when load changes
- SPC-mode for a low self-warming of the surface
- Continuous stir modes possible
- Can be operated with Labs-connect App over Wifi/USB Controls
- Double ventilation for inside to keep for long unsupervised use
- Auto power 'ON' possible

Item Code	Volts	Hz	Watts	Heat	WiFi
415.DNWDG.01	230	50	750	✓	✓
415.DNWDG.02	115	60	750	✓	✓
415.DNDG.01	230	50	750	✓	✗
415.DNDG.02	115	60	750	✓	✗
414.DNDG.01	230	50	50	✗	✗
414.DNDG.02	115	60	50	✗	✗

Included Accessories

Item Code	Accessories
411.00.01	(15) Magnetic Stirring bar 30mm x 8mm

Specification

Set-up plate material	Aluminum
Silicone mat	Yes
Number of stirring positions	15
Stirring position distance	90 mm
Speed range	0 - 1000 RPM
Speed control	10 RPM/click
Stirring capacity	6 Ltr (400mlx15)
Max. stirring bar length	30 x 8 mm
Heating temperature range	Room temp. to 120°C
Display type	LED
Input Type	Key Button
Adjustable safety circuit min.	50°C
Adjustable safety circuit max.	130°C
Timer range	1 min - 99:59 min
Set-up plate dimensions	274 x 504 mm
Dimensions	281 x 81 x 609 mm
Weight	10.6 kg (Approx.)
Permissible ambient temperature	5 - 40°C
Permissible relative humidity	80 %
Voltage	230/115 V
Frequency	50/60 Hz
DIN EN 60529	IP 40



ENQUIRE

Analogue Heating Mantle

BlackDiamond™

- Simply set power knob to attained selected values
- For Round Bottomed Flasks as per DIN - 12347
- PU Coated Aluminium & Stainless Steel construction
- Glass fibre yarn knitted mantle provides uniform heating to flask
- Predictable electronic power regulator
- Provision to attach accessories like thermometers
- Innovative spill collect system enables collection of spillage in case of breakage of flasks upto 5 Ltr
- Fewer parts ensure longer life

Item Code (230V/50Hz)	Item Code (115V/60Hz)	Watts	Capacity (Ltr)	Dimension (mm)
1220.DNEU.01	1220.DNUS.01	200	100*	167x240x182
1220.DNEU.02	1220.DNUS.02	200	250*	167x240x182
1220.DNEU.03	1220.DNUS.03	250	500*	217x287x203
1220.DNEU.04	1220.DNUS.04	350	1000*	217x287x203
1220.DNEU.05	1220.DNUS.05	500	2000*	309x390x262
1220.DNEU.06	1220.DNUS.06	500	3000*	309x390x262
1220.DNEU.08	1220.DNUS.08	650	5000*	309x390x262
1220.DNEU.09	1220.DNUS.09	650	6000	-
1220.DNEU.10	1220.DNUS.10	1250	10000	-
1220.DNEU.11	1220.DNUS.11	1850	20000	-

Optional Accessories

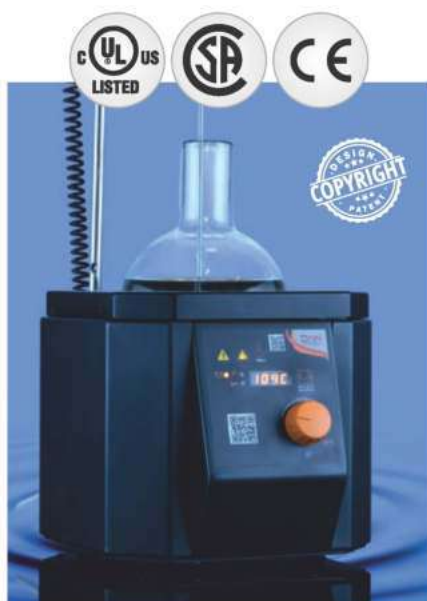
Item Code	Accessories
1221.00.01	SS Rod (545mm, Ø 9.8mm)
850.800.04	Bosshead

Specification

Heating mantle body	Metallic, SS & Aluminium construction
Heating mantle material	Glass Fibre Yarn
Mantle capacity	20 Ltr
Temperature range	~400°C
Control accuracy	10%
Permissible ambient temperature	5 - 40°C
Permissible relative humidity	80%
Voltage	230/115 V
Frequency	50/60 Hz
DIN EN 60529	IP 10



ENQUIRE



Digital Heating Mantle

BlackDiamond™

- PU Coated Aluminium & Stainless Steel construction
- Temperature control with digital display
- For Round Bottomed Flasks as per DIN - 12347
- Control the temperature of subject in flask using probe
- Mantle/Probe selection
- Glass fibre yarn knitted mantle provides uniform heating to flasks
- Innovative spill collect system enables collection of spillage in case of breakage of flasks
- Glass fibre Insulation saves power wastage
- Probe based low temperature controls of liquid

Item Code (230V/50Hz)	Item Code (115V/60Hz)	Watts	Capacity (Ltr)	Dimension (mm)
1222.DNEU.01	1222.DNUS.01	200	100*	167x240x182
1222.DNEU.02	1222.DNUS.02	200	250*	167x240x182
1222.DNEU.03	1222.DNUS.03	250	500*	217x287x203
1222.DNEU.04	1222.DNUS.04	350	1000*	217x287x203
1222.DNEU.05	1222.DNUS.05	500	2000*	309x390x262
1222.DNEU.06	1222.DNUS.06	500	3000*	309x390x262
1222.DNEU.08	1222.DNUS.08	650	5000*	309x390x262

Included Accessories

Item Code	Accessories
1221.00.01	SS Rod (545mm, Ø 9.8mm)
850.800.03	Moulded PT 100 Sensor
850.800.04	Boshead

Specification

Heating mantle body	Metallic, SS & Aluminium construction
Heating mantle material	Glass Fibre Yarn
Mantle capacity	5 Ltr
Temperature range	~400°C
Control accuracy	10%
Permissible ambient temperature	5 - 40°C
Permissible relative humidity	80%
Voltage	230/115 V
Frequency	50/60 Hz
DIN EN 60529	IP 10



ENQUIRE

Analogue Heating Mantle With Stirrer

BlackDiamond™

- PU Coated Aluminium & Stainless Steel construction
- Designed for advanced Laboratory usage
- For Round Bottomed Flasks as per DIN - 12347
- Glass fibre yarn knitted mantle provides uniform heating to flasks
- Predictable electronic power regulator
- Knob for stir speed control upto 800 RPM
- Innovative spill collect system enables collection of spillage in case of breakage of flasks
- Provision to attach accessories

Item Code (230V/50Hz)	Item Code (115V/60Hz)	Watts	Capacity (Ltr)	Dimension (mm)
1223.DNEU.01	1223.DNUS.01	220	100*	167x240x182
1223.DNEU.02	1223.DNUS.02	220	250*	167x240x182
1223.DNEU.03	1223.DNUS.03	270	500*	217x287x203
1223.DNEU.04	1223.DNUS.04	370	1000*	217x287x203
1223.DNEU.05	1223.DNUS.05	520	2000*	309x390x262
1223.DNEU.06	1223.DNUS.06	520	3000*	309x390x262
1223.DNEU.08	1223.DNUS.08	670	5000*	309x390x262

Accessories

Item Code	Accessories
1500.150.01*	Magnetic Stirring bar 20mmx8mm (For 100-1000ml)
1500.150.02*	Magnetic Stirring bar 25mmx9mm (For 2000-5000ml)
1221.00.01	SS Rod (545mm, Ø 9.8mm)
850.800.04	Bosshead

*Included

Specification

Heating mantle body	Metallic, SS & Aluminium construction
Heating mantle material	Glass Fibre Yarn
Mantle capacity	5 Ltr
Temperature range	~400°C
Control accuracy	10%
Variable speed range	~800 RPM
Weight	2.5 kg
Permissible ambient temperature	5 - 40°C
Permissible relative humidity	80%
Voltage	230/115 V
Frequency	50/60 Hz
DIN EN 60529	IP 10



ENQUIRE



HEAT
220-650W



HEAT/STIR
Selection



1 LED
Display



Chemical
Resistant



Holding Cap.
Upto 5000ml



Ambient to
400°C



STIR
800 RPM



CLASS
IP 10

Digital Heating Mantle With Stirrer

BlackDiamond™

- Control the temperature of subject in flask using probe
- PU Coated Aluminium & Stainless Steel construction
- Temperature control with digital display built in magnetic stirring
- Celsius/Fahrenheit selection
- Mantle/Probe selection
- For Round Bottomed Flasks as per DIN - 12347
- Glass fibre yarn knitted mantle provides uniform heating to flasks
Innovative spill collect system enables collection of spillage in case of breakage of flasks
- Electronic stir speed control
- Glass fibre Insulation saves power wastage

Item Code (230V/50Hz)	Item Code (115V/60Hz)	Watts	Capacity (Ltr)	Dimension (mm)
1221.DNEU.01	1221.DNUS.01	220	100*	167x240x182
1221.DNEU.02	1221.DNUS.02	220	250*	167x240x182
1221.DNEU.03	1221.DNUS.03	270	500*	217x287x203
1221.DNEU.04	1221.DNUS.04	370	1000*	217x287x203
1221.DNEU.05	1221.DNUS.05	520	2000*	309x390x262
1221.DNEU.06	1221.DNUS.06	520	3000*	309x390x262
1221.DNEU.08	1221.DNUS.08	670	5000*	309x390x262

Included Accessories

Item Code	Accessories
1500.150.01	Magnetic Stirring bar 20mmx8mm (For 100-1000ml)
1500.150.02	Magnetic Stirring bar 25mmx9mm (For 2000-5000ml)
1221.00.01	SS Rod (545mm, Ø 9.8mm)
850.800.03	Moulded PT 100 Sensor probe
850.800.04	Bosshead

Specification

Heating mantle body	Metallic, SS & Aluminium construction
Heating mantle material	Glass Fibre Yarn
Mantle capacity	5 Ltr
Temperature range	~400°C
Control accuracy	10%
Variable speed range	~800 RPM
Weight	2.5 kg
Permissible ambient temperature	5 - 40°C
Permissible relative humidity	80%
Voltage	230/115 V
Frequency	50/60 Hz
DIN EN 60529	IP 10



ENQUIRE

Advanced Digital Heating Mantle With Stirrer

BlackDiamond™ PRO

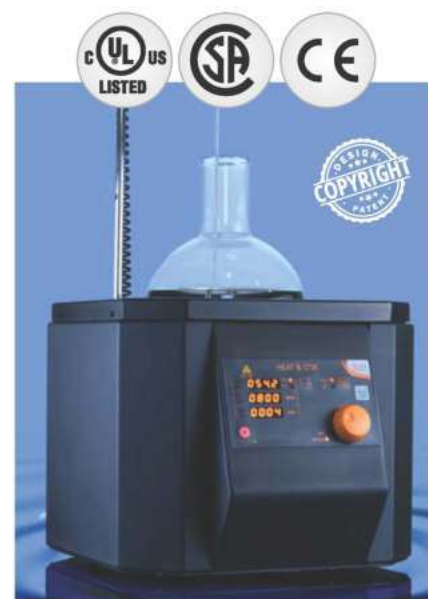
- PU coated aluminium & Stainless Steel body
- Single multi-turn intelligent knob operation
- Glass fibre mantle provides uniform heating of flask
- Digital set-up with independent display
- Hot top indicator for user safety
- Settable safety cutoff for maximum temperature limit
- Installed with double PT sensors for safety
- Innovative spill collect system in case of breakage of flasks upto 5 Ltr
- For Round Bottomed Flasks as per DIN 12347

Item Code (230V/50Hz)	Item Code (115V/60Hz)	Watts	Capacity (Ltr)	Dimension (mm)
1225.DNEU.01	1225.DNUS.01	220	100*	167x240x182
1225.DNEU.02	1225.DNUS.02	220	250*	167x240x182
1225.DNEU.03	1225.DNUS.03	270	500*	217x287x203
1225.DNEU.04	1225.DNUS.04	370	1000*	217x287x203
1225.DNEU.05	1225.DNUS.05	520	2000*	309x390x262
1225.DNEU.06	1225.DNUS.06	520	3000*	309x390x262
1225.DNEU.08	1225.DNUS.08	670	5000*	309x390x262

Included Accessories

Item Code	Accessories
1500.150.01	Magnetic Stirring bar 20mmx8mm (For 100-1000ml)
1500.150.02	Magnetic Stirring bar 25mmx9mm (For 2000-5000ml)
1221.00.01	SS Rod (545mm, Ø 9.8mm)
850.800.03	Moulded PT 100 Sensor probe
550.800.04	Bosshard

Specification	
Display type	LED Segment
Temperature range	~400°C
Temperature step size	1°C
Temperature resolution	±1°C
Stir range	50 to 800 RPM
Stir step size	50 RPM
Weight	3.2 kg
Timer range	1 min - 99:59 min
Timer step size	00:01
Voltage	230/115 V
Frequency	50/60 Hz
DIN EN 60529	IP 10



ENQUIRE

IP
CLASS
IP 10



*Also available in 6 Position



Heating Mantle Combined Unit

BlackDiamond™

- PU Coated Mild Steel construction
- Heating Mantle Combined unit made of M. steel
- ON-OFF knob for heat power control
- Mantle knitted with glass fibre yarn
- Provides uniform heating to flasks
- For Round Bottomed Flasks as per DIN - 12347
- Also Available with metallic stand 1101.DNEU/1101.DNUS

Item Code (230V/50Hz)	Item Code (115V/60Hz)	Watts	Capacity (Ltr)	No. of Position
2600.DNEU.01	2600.DNUS.01	600	100	3/3
2600.DNEU.02	2600.DNUS.02	600	250	3/3
2600.DNEU.03	2600.DNUS.03	750	500	3/3
2600.DNEU.04	2600.DNUS.04	1200	100	6/6
2600.DNEU.05	2600.DNUS.05	1200	250	6/6
2600.DNEU.06	2600.DNUS.06	1500	500	6/6

Included Accessories

Item Code	Accessories
2000.200.01	Vertical Rod stainless steel length 542mm, Ø 9.8mm
2000.200.02	Horizontal Rod stainless steel length 972mm, Ø 9.8mm
2000.200.03	8/5 Boss Head
2000.200.04	6/3 clamp

Specification

Heating Mantle Body	Mild steel
Heating Mantle Material	Glass Fibre Yarn
Mantle Capacity	500 ml
Temperature Range	Approx. 400°C
Heating Control	Energy regulator
Dimensions	495 x 246 x 200 mm
Permissible Ambient temperature	5 - 40°C
Weight	10.2 Kg
Permissible relative humidity	80%
Voltage	230/115 V
Frequency	50/60 Hz
DIN EN 60529	IP 10



ENQUIRE

Also Available

Single Soxhlet Extraction Unit

Extraction unit metal stand with heating mantle

Item Code	Item Code	Cap. (ml)	Watts	No. of Position
1101.DNEU.01	1101.DNUS.01	100	200	1/1
1101.DNEU.02	1101.DNUS.02	250	200	1/1
1101.DNEU.03	1101.DNUS.03	500	250	1/1

For Soxhlet Extraction Apparatus

Please See Page No. 127



ENQUIRE

Heating Mantle Combined Unit With Stirrer

BlackDiamond™

- PU Coated Mild Steel construction
- Heating Mantle Combined unit made of M. steel
- ON-OFF knob for heat power control
- Stir speed control also available
- Mantle knitted with glass fibre yarn
- Provides uniform heating to flasks
- For Round Bottomed Flasks as per DIN - 12347
- Easy maintenance
- Also available with Metallic Stand 1601.DNEU/1601.DNUS

Item Code (230V/50Hz)	Item Code (115V/60Hz)	Watts	Capacity (Ltr)	No. of Position
2300.DNEU.01	2300.DNUS.01	660	100	3/3
2300.DNEU.02	2300.DNUS.02	660	250	3/3
2300.DNEU.03	2300.DNUS.03	810	500	3/3

Accessories

Item Code	Accessories
2000.200.01	Vertical Rod stainless steel length 542mm, Ø 9.8mm
2000.200.02	Horizontal Rod stainless steel length 972mm, Ø 9.8mm
2000.200.03	5 Boss Head
2000.200.04	3 clamp

Specification

Heating Mantle Body	Mild Steel
Heating Mantle Material	Glass Fibre Yarn
Mantle Capacity	500 ml
Valuable Stirring speed	750 RPM
Temperature Range	Approx. 400°C
Heating Control	Electronic power regulator
Stir Control	Electric regulator
Dimension	495 x 246 x 200 mm
Permissible Ambient Temperature	5 - 40°C
Weight	7.3 Kg
Permissible relative humidity	80%
DIN EN 60529	IP 10



ENQUIRE

Also Available

Single Soxhlet Extraction With Stirrer

Extraction unit metal stand with heating mantle Stirrer

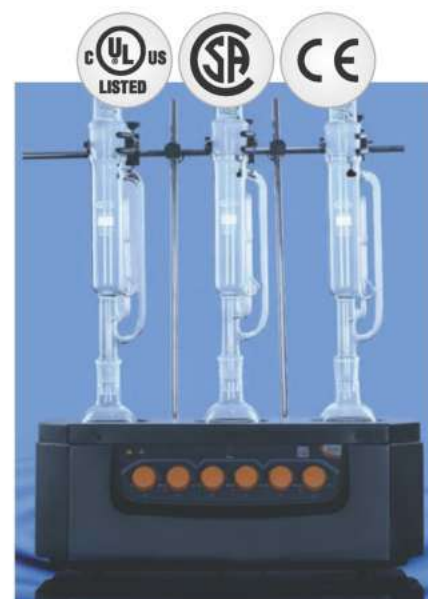
Item Code	Item Code	Cap. (ml)	Watts	No. of Position
1601.DNEU.01	1601.DNUS.01	100	220	1/1
1601.DNEU.02	1601.DNUS.02	250	220	1/1
1601.DNEU.03	1601.DNUS.03	500	270	1/1

For Soxhlet Extraction Apparatus

Please See Page No. 127



ENQUIRE





Overhead Stirrer With LCD Display *New*

- Chemical Resistant body
- LCD display for RPM & time
- Clockwise & anti-clock wise stirring modes
- Auto power 'ON' option
- Spill resistant for internal components safety
- Audible error alarm for failures
- Brushless DC motor

Item Code (230V/50Hz)	Item Code (115V/60Hz)	Watts
6050B.DNEU.01	6050B.DNUS.01	130
6100B.DNEU.01	6100B.DNUS.01	130

Specification		
Model No.	6050B.DNUS	6100B.DNUS
Speed Range	50 - 1500 RPM	50 - 3000 RPM
Max. Torque	80 Ncm	65 Ncm
Max. Viscosity	10000 mPas	6000 mPas
Max. Stirring	60 Ltr	40 Ltr
Timing Range	1 - 99:59 min	1 - 99:59 min
T-On Time	5 - 999 Sec	5 - 999 Sec
T-Off Time	0, 5 - 999 Sec	0, 5 - 999 Sec
Stirring Shaft Extension	Yes	Yes
Stirring Modes	Yes	Yes
Motor Type	BLDC	BLDC
Operating Voltage	24 VDC	24 VDC
Power	130 W	130 W
Dimension	90 x 240 x 220 mm	90 x 240 x 220 mm
Weight	11.4kg	11.4kg
DIN EN 60529	IP 54	IP 54



SS & ABS
Body Material



Brushless
BLDC Motor



STIR UPTO
3000 RPM



Chemical
Resistant



Stir Cap.
Upto 60 Ltr.



1 LCD
Display



Alarm
for Error



IP
CLASS
IP 54



ENQUIRE

*Included



DNOHS-1*



DNOHS-2



DNOHS-3



DNOHS-4



DNOH-A



DNOH-B



DNOH-C



DNOH-D



DNOH-F



DNOH-G



DNOH-H



DNOH-I



DNOH-K
SS Stands Rod



DNOH-J
Boss Head
& Clamps

*Impellers, stands and boss head clamps, Rod to be ordered separately

Analogue Overhead Stirrer

- Chemical Resistant body
- Spill resistant for internal components safety
- Brushless DC motor

Item Code (230V/50Hz)	Item Code (115V/60Hz)	Watts
6025.DNEU.01	6025.DNUS.01	130

Specification	
Speed Range	0 - 3000 RPM
Max. Torque	65 Ncm
Max. Viscosity	6000 mPas
Max. Stirring	40 Ltr
Stirring Shaft Extension Feature	Yes
Motor Type	DC
Operating Voltage	24 VDC
Power	130 W
Dimension	90 x 240 x 220 mm
Weight	11.2 kg
DIN EN 60529	IP 54




SS & ABS
Body Material


Brushless
DC Motor


STIR UPTO
3000 RPM


Chemical
Resistant


Stir Cap.
Upto 40 Ltr.


IP
CLASS
IP 54

*Included



*Impellers, stands and boss head clamps, Rod to be ordered separately



STIR UPTO
300 RPM

Brushless
BC Motor

Timer
00:01-99:59

99:59
06:00
2 LED
Display

IP
CLASS
IP 20

Orbital Shaker

- Application in molecular biology, immunology, chemistry lab
- Compact design
- Compatible for use with various capacity conical flasks and different sample containers.
- Silent and stable operation
- Digital set up of RPM and time with independent LED display
- Maximum stirring speed upto 300RPM
- Built in DC brushless motor
- Microprocessor controlled
- Audible alarm at time cycle end for safety and ease of unsupervised operation

Item Code	Volts/Hz
3500.DNEU.01	230/50
3500.DNUS.01	115/60

Accessories

Item Code	Accessories
3500.303.01*	Platform, Flat, Non-Slip Mat
3500.303.02	Platform, Double
3500.303.03	Platform, Universal, with 3 secured bars
3500.303.04	Platform with clamps, 6 Places (250ml)
3500.303.05	Platform with clamps, 12 Places (100ml)
3500.303.06	Platform universal for tubes

*Included

Specification	
Shaker Body Material	Plastic
Speed Range	50 - 300 RPM
Orbit	20 mm
Dimensions of Body	284 x 264 x 108 mm
Load capacity	2.0 kg
Permissible ambient Temp.	5 - 45°C
Weight	7.24 kg
Voltage	230/115 (50/60 Hz)
Timing Range	1 min - 99 Hrs 59 Min
DIN EN 60529	IP 20



ENQUIRE

Incubator Shaker With Cooling

WITH HEATING  60°C + COOLING  3°C

- PU coated outer body made of mild steel
- Stainless steel grade 304 internals
- Universal spring tray compatible with all flat bottom glassware
- Independent LED display for RPM & time
- Inbuilt UV light for sterilisation
- 6 stirring modes for convenience
- Audible alarm at time cycle end for safety and ease of unsupervised operation

Item Code	Volts/Hz
3900.DNEU.01	230/50
3900.DNUS.01	115/60

Accessories

Item Code	Accessories
3900.00.01	Flat Platform
3900.00.02	Flasks Adapters 50ml
3900.00.03	Flasks Adapters 100ml
3900.00.04	Flasks Adapters 250ml
3900.00.05	Flasks Adapters 500ml
3900.00.06	Flasks Adapters 1000ml
3900.00.07	Flasks Adapters 2000ml

Specification

Shaker body material	Mild steel
Speed range	50 - 300 RPM
Fan speed	2000 - 3200 RPM
Orbit (horizontal)	20 mm
Dimensions	609 x 770 x 515 mm
Platform size	480 x 315 x 80 mm
Permissible ambient temp.	20 - 30°C (Approx.)
Temp. control range	3 - 60°C (Tested at RT<26°C)
Power	230/115 V, 800 W
Timer	1 min - 99 Hrs 59 Min
Temp. Control accuracy	0 ± 0.3°C
Max. load capacity	20 kg
Ambient	<26°C
DIN EN 60529	IP 30



HEAT
800W



Brushless
BLDC Motor



STIR UPTO
300 RPM

99:59

3 LED
Display



Timer
00:01-99:59



Ambient to
400°C



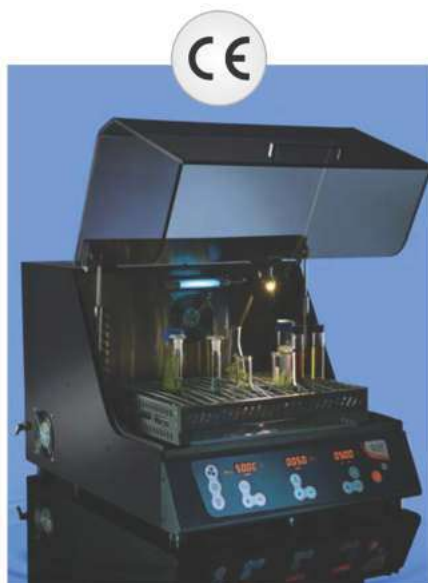
Celsius/
Fahrenheit

6
MODE
Choices



ENQUIRE

IP
CLASS
IP 30



Incubator Shaker With Cooling

WITH HEATING 60°C + COOLING 3°C

Lab-Connect™ Technology

- Wifi enabled with worldwide access
- PU coated outer body made of mild steel
- Stainless steel grade 304 internals
- Universal spring tray compatible with all flat bottom glassware
- Independent LED display for RPM & time
- Inbuilt UV light for sterilisation
- 6 stirring modes for convenience
- Audible alarm at time cycle end for safety and ease of unsupervised operation

Item Code	Volts/Hz
3900.DNWEU.01	230/50
3900.DNWUS.01	115/60

Accessories

Item Code	Accessories
3900.00.01	Flat Platform
3900.00.02	Flasks Adapters 50ml
3900.00.03	Flasks Adapters 100ml
3900.00.04	Flasks Adapters 250ml
3900.00.05	Flasks Adapters 500ml
3900.00.06	Flasks Adapters 1000ml
3900.00.07	Flasks Adapters 2000ml

Specification

Shaker body material	Mild steel
Speed range	50 - 300 RPM
Fan speed	2000 - 3200 RPM
Orbit (horizontal)	20 mm
Dimensions	609 x 770 x 515 mm
Platform size	480 x 315 x 80 mm
Permissible ambient temp.	20 - 30°C (Approx.)
Temp. control range	3 - 60°C (Tested at RT<26°C)
Power	230/115 V, 800 W
Timer	1 min - 99 Hrs 59 Min
Temp. Control accuracy	0 ± 0.3°C
Max. load capacity	20 kg
Ambient	<26°C
DIN EN 60529	IP 30



Digital Mini Orbital Shaker Pro/vortexer

- PU coated aluminum alloy body
- Compact universal shaker suitable for all small glassware & multiwell plate
- 2 in 1 vortex with shot/press mode & continuous shaking mode
- Available with thirteen compatible adapters
- Inbuilt countdown timer or continuous operation selection option
- Toggle to set HH:MM/MM:SS
- Suction cups for stability

Item Code	Input Volts/Hz
3800.DNEU.01	230/50
3800.DNUS.01	115/60

Specification	
Permissible orbit weight (incl. attachment)	0.5 kg
Permissible on time	100%
Speed min (adjustable)	200 RPM
Speed range	200 - 3000 RPM
Speed display	LED
Speed deviation	1%
Timer	yes
Timer display	LED
Time setting min.	1 s
Time setting max.	100 Hrs
Operating mode	Timer and Continuous Operation
shot/press function	yes
Working with microwell plates	yes
Number of microwell plates	1
Dimensions	150 x 207 x 111 mm
Permissible ambient temperature	5 - 40°C
Permissible relative humidity	80%
Operating Voltage	230/115 V
Frequency	50/60 Hz
Power input	10 W
DC Voltage	24 V
Weight	3.8 Kg
DIN EN 60529	IP 21



Optional Foam Adapters



Optional Accessories



Price on Request

*Two operating modes:

The maximum speed of 3,000 rpm is for the standard attachment in touch mode. When using other attachments the speed should be limited to 1,300 rpm.

*Attachment, Accessories to be ordered separately



Vortex Orbital Shaker HD *New*

- Sturdy metal die cast casing
- Short-time operation activated by pressing attachment/top
- Suitable for continuous operation also with low self heating thanks to self ventilation of motor
- Different applications (3 interchangeable attachment and 7 inserts (e.g. tubes, microtiter plate, conical flasks 250 ml etc.), please order separately)
- Attachments securely click onto appliance in any position
- Special strap (ensure easy handling of round/conical flasks)
- Stable at high speeds thanks to special feet (sillicon base with ultra high vibration damping)

Item Code	Volts/Hz
3750.DNEU.01	230/50
3750.DNUS.01	115/60

Specification	
Shaking stroke/Orbit	4 mm
Permissible weight(incl. attachment)	0.4 kg
Motor rating input	58 W
Motor rating output	10 W
Permissible on time	100%
Speed min (adjustable)	500 RPM
Speed range	0 - 2500 RPM
Speed display	none
Operating mode	continuous operation
Touch function	yes
Working with microwell plates	yes
Number of microwell plates	1
Dimensions	146 x 144 x 157 mm
Weight	4 kg Approx
Permissible ambient temperature	5 - 40°C
Permissible relative humidity	80%
Power input	60 W
DIN EN 60529	IP 21



ENQUIRE

Optional Accessories/Foam Adapters



3750.00.01



3750.00.02



3750.00.03



3750.00.04



3750.00.05



3750.00.06



3750.00.07



3750.00.08



3750.00.09



3750.00.10

Mini Vortexer

- Chemical resistant outer ABS shell and silicone touch pad
- Various speed adjustment with indicator light
- Smart and Portable
- Suitable for glass & plastic mixing tubes /centrifugal tubes with maximum 30mm diameter

Item Code	Input Volts/Hz
3700.DNEU.01	230/50
3700.DNUS.01	115/60

Specification	
Material	Body : ABS, Caps : Silicone Rubber, Base : Steel Alloy
Speed Range	0 - 4000 RPM (Variable)
Max. Capacity	50 ml tube (Ø30 mm)
Dimension (WxDxH)	114 x 114 x 93 mm
Shaking Orbit	4.5 mm
Operating Voltage	DC 12 V 1A
Power	12 W
Weight	900 gm
DIN EN 60529	IP 62





Mini Centrifuge

- Patented high tech motor causes low working noise
- Produce low vibration with advanced shock absorbers
- Compact design and can carry higher volume of 2 ml x 8 places
- Easy replacement of rotor
- Maximum relative centrifugal force upto 3260G
- Fast Stopping in 15 seconds with cover breaking time of 3 seconds.
- Spatial rotation for 360° are shape, low windage resistance with slow temperature increase
- Filtration & voltage regulation function makes smooth running of unit & causes low rotation difference.

Item Code	Volts/Hz
5000.DNEU.01	230/50
5000.DNUS.01	115/60

Included Accessories

Item Code	Accessories
5000.303.01	2ml x 8, 0.5ml, 0.2ml adapter each 8 pcs
5000.303.02	2ml x 8, 8 x 0.2ml tubes strip x 2 rows

Specification	
Material	Body & Rotor: ABS, Cover : PC, Adapter : PP, Absorber : NBR
Speed range	4000 & 7200 RPM ($\pm 20\%$)
RCF	810~3260xg
Rotor types	Rotor, 2 ml x 8 and 0.2 ml x 8, 0.2 ml x 8 tubes strip x 2 rows
Max. load capacity	2 ml x 8
Dimension	174 x 157 x 130 mm
Speed control type	Constant speed
Driving speed	Direct drive
Brake system	Dynamic
Acceleration Ttime	6 sec
Deceleration time	15 sec
IP Class	IP 54



ENQUIRE

Dry Block Heater *New*

- PU coated aluminium alloy body construction ensures durability
- Interchangeable aluminum alloy sample blocks provide versatility and allow for easy cleaning and disinfecting
- Precise temperature control with PID circuit
- Precise temperature control with PID circuit
- Digital controls and display of time and temperature
- Built-in temperature sensing probe for outstanding temperature accuracy and control
- Timer allows the user to accurately monitor/control the heating time

Item Code (230V/50Hz)	Item Code (115V/60Hz)	Watts
740.DNEU.01	740.DNUS.01	170
750.DNEU.01	750.DNUS.01	340

Accessories

Item Code	Accessories
740.00.01*	Probe
740.00.02	Single Block
740.00.03	Cover for Single
740.00.04	Cover for Double

*Included

Specification

	1	2
Number of blocks	1	2
Heat output	170 W	340 W
Heating temperature range	120°C	120°C
Temperature display	YES	YES
Adjustment & display resolution	1K	1K
Connection for ext. temp probe	DIN	DIN
Temperature sensor	PT 1000	PT 1000
Set-up plate material	Aluminium alloy	Aluminium alloy
Set-up plate dimensions	95 x 76 x 51 mm	95 x 76 x 51 mm per block
Fixed safety circuit	130	130
Timer	YES	YES
Time setting range	1-5999	1-5999
Counter	YES	YES
Counter setting range	1-5999	1-5999
Dimensions	160 x 80 x 71	163x106x332
Weight of body	2.8 kg (Approx.)	2.9 kg (Approx.)
Permissible ambient temp	5 - 40°C	5 - 40°C
Permissible relative humidity	80%	80%
Voltage	230/115 V	230/115 V
Frequency	50/60 Hz	50/60 Hz
DIN EN 60529	IP 21	IP 21

*Specify cavity size during ordering in Dia x Height (DxH)

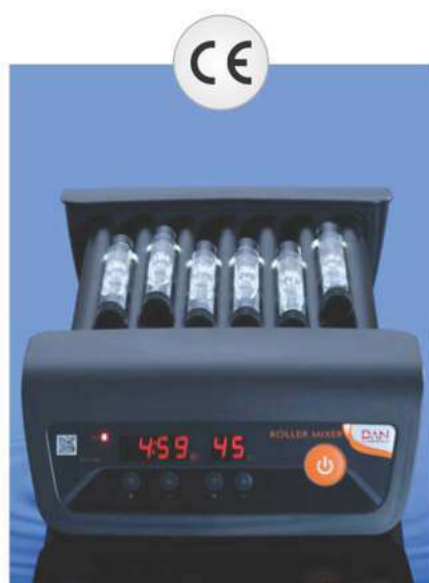


ENQUIRE



Also Available With
Single Block





Roller Mixer

- Rolling and swinging motion for efficient mixing of substances
- Independent LED display for RPM & time
- Maximum rolling speed 80RPM
- Seven rollers with small foot print
- Compatible for use with wide range of tube
- Brushless DC motor

Item Code	Volts/Hz	Watts
4000.DNEU.01	230/50	20
4000.DNUS.01	115/60	20

Specification	
Mixer body material	Plastic
Operation mode	Rolling & Swinging
Amplitude	24 mm
Roller quantity	7
Speed range	10-80 RPM
Speed unit	1 RPM
Roller length	280 mm
Motor	BLDC
Dimensions	500 x 280 x 120 mm
Max. load capacity	4 kg
Weight	3.1 kg
Voltage	230/115 V
Frequency	50/60 Hz
Power	20 W


POWER
12 W


2 LED
Display


STIR UPTO
10-80 RPM


Load Capacity
4.0 Kg


Timer
00:01-99:59


IP
CLASS
IP 62



ENQUIRE

Digital Fat Determination Apparatus Soxhlet/Twisselman Apparatus

- Cost-effective & user-friendly apparatus for fat extraction
- Individually adjustable power/energy for each sample position
- Uniform cooling water distribution
- Inbuilt condenser-ledge to safely deposit condenser between hot extractions
- C-type brackets for safely holding the intermediate extraction pieces after removing the sample container

Item Code	Volts/Hz	Watts
1950.DNEU.01	230/50	1500
1950.DNUS.01	115/60	1500

Specification	
Voltage	230 VAC
Power consumption	~1500 W
Power consumption	7 A
Weight	approx. 15 kg
Position	4
MOC Adapters	Aluminum alloy
Flask Capacity	250 ml
Extraction Capacity	500 ml
Condenser	100 ml
Plate/Adaptor Temp.	upto 400°C
Dimensions in mm (W x D x H) (without glass)	504 x 274 x 765 mm
IP Class	20

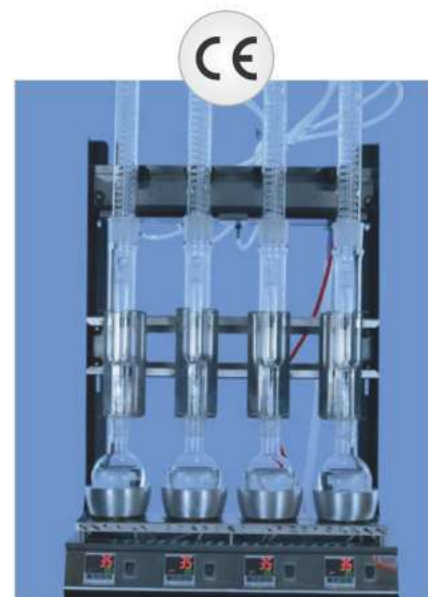
*For Glass accessories has to be order separately



ENQUIRE

For Soxhlet Extraction Apparatus

Please See Page No. 127




SS
Body Material


POWER
1500 W


Load Capacity
15 Kg


Chemical
Resistant


Stir Cap.
Upto 250ml


Digital
Display


IP CLASS
IP 20



Analogue Fat Determination Apparatus Soxhlet/Twisselman Apparatus

- Cost-effective & user-friendly apparatus for fat extraction
- Individually adjustable power/energy for each sample position
- Uniform cooling water distribution
- Inbuilt condenser-ledge to safely deposit condenser between hot extractions
- C-type brackets for safely holding the intermediate extraction pieces after removing the sample container

Item Code	Volts/Hz	Watts
1900.DNEU.01	230/50	1500
1900.DNUS.01	115/60	1500

Specification	
Voltage	230 VAC
Power consumption	~1500 W
Power consumption	7 A
Weight	approx. 15 kg
Position	4
MOC Adapters	Aluminum alloy
Flask Capacity	250 ml
Extraction Capacity	500 ml
Condenser	100 ml
Plate/Adaptor Temp.	upto 400°C
Dimensions in mm (W x D x H) (without glass)	504 x 274 x 765 mm
IP Class	20


SS
Body Material


POWER
1500 W


Load Capacity
15 Kg


Chemical
Resistant


Stir Cap.
Upto 250ml


IP
CLASS
IP 20

*For Glass accessories has to be order separately



ENQUIRE

For Soxhlet Extraction Apparatus

Please See Page No. 127



PHYSICAL PROPERTIES

Resin	Max use Temp °C	Bittleness Temp °C	Transparency	Sterilization						Flexi-bility	Water Absorption %
				Auto-claving	Gas	Dry Heat	Radi-ation	Disin-fection	Specific Gravity		
HDPE	120	-100	Translucent	No	Yes	No	Yes	Yes	0.95	Rigid	20.01
LDPE	80	-100	Translucent	No	Yes	No	Yes	Yes	0.92	Excel	<0.01
PC	135	-135	Clear	Yes+	Yes	No	No	Yes	1.20	Rigid	0.35
PP	135	0	Translucent	Yes	Yes	No	No	Yes	0.90	Rigid	<0.02
PS	90	20	Clear	No	Yes	No	Yes	Some	1.05	Rigid	0.05

Sterilization

- Autoclaving (121°C, 15 psig for 20 minutes) Clean and rinse item with distilled water before autoclaving. Certain chemicals which have no appreciable effect on resins at room temperature may cause deterioration at autoclaving temperatures.
- ALWAYS COMPLETELY DISENGAGE THREADS BEFORE AUTOCLAVING.
- Gas - Ethylene oxide formaldehyde.
- Dry heat - 160°C for 120 minutes.
- Disinfectant - Benzalkonium chloride, formalin, ethanol etc.
- Radiation - gamma irradiated at 2.5 Mard with unstabilized plastic. Sterilizing reduces mechanical strength. Do not use PC vessels for vaccum application if they have been Autoclaved.

CHEMICAL RESISTANCE

CLASSES OF SUBSTANCES AT ROOM TEMPERATURE	HDPE	LDPE	PC	PP	PS
ACIDS, DILUTE OR WEAK	●	●	●	●	●
ACIDS, STRONG AND CONCENTRATED	●	●	●	●	●
ALCOHOLS, ALIPHATIC	●	●	●	●	●
ALDEHYDES	●	●	●	●	●
BASES	●	●	●	●	●
ESTERS	●	●	●	●	●
HYDROCARBONS, ALIPHATIC	●	●	●	●	●
HYDROCARBONS, AROMATIC	●	●	●	●	●
HYDROCARBONS, HALOGENATED	●	●	●	●	●
KETONES	●	●	●	●	●
OXIDIZING AGENTS, STRONG	●	●	●	●	●

● 30 days of constant exposure cause no damage. Plastic may even tolerate for years.
● Little or no damage after 30 days of constant exposure to the reagents.
● Some effect after 7 days of constant exposure to the reagent like crazing, cracking, loses of strength or discolouration.
● Not recommended for continuous use. Immediate damage may occur.

ABBREVIATIONS

PP	-----	Polypropylene	PS	-----	Polystyrene
PC	-----	Polycarbonate	ABS	-----	Acrylo Nitrile Butadiene Styrene
HDPE	-----	High Density Polyethylene	PTFE	-----	Poly Tetra Flouro Ethylene
LDPE	-----	Low Density Polyethylene	PMMA	-----	Poly Methyl Methacrylate
			TPX	-----	Poly Methyl Pentene

MILD STEEL

Each of these standard samples has been analyzed by Chemists in United Kingdom and other countries representing the following interests associated with the Iron and Steel Industries.

The standards have been prepared under rigorous laboratory conditions, and are issued by the organizers under the auspices of the above body of co-workers.

Description	Special Features	ANALYSIS										
		Combined C	Silicon	Sulphur	Phosphorus	Manganese	Arsenic	Nickle	Chromium	Copper	Oxygen	Iron
Ordinary Carbon Steels*	Complete Analysis and pure iron std.	%	%	%	%	%	%	%	%	%	%	%
"A"	for $K_2Cr_2O_7$ v.s. ...	0.037	0.034	0.020	0.008	0.043	0.031	0.059	0.013	0.067	0.04	99.64
"C"	C Standard only	0.091	-----	0.02a	0.02a	0.50a	-----	-----	-----	-----	-----	-----
"E"	C and Mn Standard	0.114	-----	0.02a	0.02a	0.492	-----	-----	-----	-----	-----	-----
"N"	Complete Analysis ...	0.153	0.176	0.050	0.036	0.527	0.03	0.26	-----	0.04	-----	-----
"P"	High S and P Standard	0.205	0.06a	0.073	0.105	0.706	0.03a	-----	-----	-----	-----	-----
"M"	C and Si standard ...	0.228	0.057	0.05a	0.03a	0.6a	0.03a	-----	-----	-----	-----	-----
"O"	Complete Analysis ...	0.333	0.162	0.032	0.031	0.617	0.024	0.162	0.017a	0.037a	-----	-----
"H"	C, S and P Standard	0.428	0.15a	0.047	0.035	0.76a	-----	-----	-----	-----	-----	-----
"I"	C and Mn Standard	0.521	0.15a	0.04a	0.02a	0.726	-----	-----	-----	-----	-----	-----
"R"	C, S and Mn Standard	0.786	0.22a	0.053	0.06a	0.914	0.03a	-----	-----	0.02a	-----	-----
"S"	C and P Standard	0.921	0.07a	0.04a	0.051	0.6a	-----	-----	-----	-----	-----	-----
"U"	C, Mn and Ni Standard	1.203	0.17a	0.04a	0.05a	0.472	-----	0.608	trace	0.05a	-----	-----
Nickel Steels												
"T"	Ni Standard only ...	0.3a	-----	-----	-----	-----	-----	3.367	-----	-----	-----	-----
"O"	Ni, C and Mn Standard	0.325	-----	-----	-----	0.590	-----	3.985	-----	-----	-----	-----
Alloy Steels												
"V"	Cr-V Steel, Complete Analysis ...	0.548	0.161	0.063	0.024	0.542	0.016a	-----	0.861	0.273	-----	-----
"W"	Cr-V-W-Co Steel, Complete Analysis	0.695	0.187	0.075	0.028	0.101	-----	0.44	3.01	0.791	4.67	16.21
Cast Iron												
Hematite "A"	Complete Analysis	0.734	1.989	0.047	0.049	0.688	0.042	-----	0.052	3.121	2.387	-----
Hematite "B"	Low Phosphorus - Titaniferous ...	b.039	2.2a	0.031	0.026	0.6a	0.031	-----	0.108	3.06b	2.67b	-----
Basic "D"	P Standard only ...	3.0a	-----	-----	1.19	0.8a	-----	-----	-----	3.0a	-----	-----
Slag												
Basic Slag "A" à Ore	P ₂ O ₅ and part Complete Analysis	-----	-----	-----	12.92	16.15	44.73	6.85	8.93	2.53	3.91a	0.45a
Iron Ore "A" à Ore	Complete Analysis ...	58.20	0.056	2.05	1.22	0.33	1.83	0.116	8.13	0.063	1.56	1.41
Mang. Ore "A"	Mn, O, SiO ₂ , P, Fe ...	1.3	0.222	51.3	14.3	-----	-----	-----	6.49	-----	-----	-----
Non-Ferrus White Met. "A"	Complete Analysis ...	82.6	12.04	4.64	0.33	0.06	0.03	0.06	0.08	-----	-----	-----

(a) Approx — not a standardized figure, (b) Standardized at Organizing Headquarters only.

* In the preparation of the ordinary carbon steels special attention has been given to making them suitable as standard for the determination of carbon by colour.

STAINLESS STEEL

Grade 316 is the standard molybdenum-bearing grade, second in importance to 304 amongst the austenitic stainless steels. The molybdenum gives 316 better overall corrosion resistant properties than Grade 304, particularly higher resistance to pitting and crevice corrosion in chloride environments. It has excellent forming and welding characteristics. It is readily brake or roll formed into a variety of parts for applications in the industrial, architectural, and transportation fields. Grade 316 also has outstanding welding characteristics. Post-weld annealing is not required when welding thin sections.

Grade 316L, the low carbon version of 316 and is immune from sensitisation (grain boundary carbide precipitation). Thus it is extensively used in heavy gauge welded components (over about 6mm). Grade 316H, with its higher carbon content has application at elevated temperatures, as does stabilised grade 316Ti.

The austenitic structure also gives these grades excellent toughness, even down to cryogenic temperatures.

Key Properties

These properties are specified for flat rolled product (plate, sheet and coil) in ASTM A240/A240M. Similar but not necessarily identical properties are specified for other products such as pipe and bar in their respective specifications.

Table 1. Composition ranges for 316 grade of stainless steels.

Grade		C	Mn	Si	P	S	Cr	Mo	Ni	N
316	Min	-	-	-	0	-	16.0	2.00	10.0	-
	Max	0.08	2.0	0.75	0.045	0.03	18.0	3.00	14.0	0.10
316L	Min	-	-	-	-	-	16.0	2.00	10.0	-
	Max	0.03	2.0	0.75	0.045	0.03	18.0	3.00	14.0	0.10
316H	Min	0.04	0.04	0	-	-	16.0	2.00	10.0	-
	Max	0.10	0.10	0.75	0.045	0.03	18.0	3.00	14.0	-

TYPICAL CHEMICAL PROPERTIES OF STAINLESS STEEL						
Chemical Composition (Max. unless otherwise noted)						
	Carbon	Manganese	Phosphorus	Sulfur	Silicon	Nickel
304 (Austenitic)	0.08	2.00	0.045	0.03	1.00	18.00 -20.00 8.00 -10.50

ALUMINIUM

Weight: With a density of 2.7 g/cm³, Aluminium is approximately one third as dense as steel.

Strength: Aluminium alloys commonly have tensile strengths of between 70 and 700 Mpa. The range for alloys used in extrusion is 150-300 Mpa.

Unlike most steel grades, aluminium does not become brittle at low temperatures. Instead, its strength increases. At high temperatures, aluminium's strength decreases. At temperatures continuously above 100°C, strength is affected to the extent that the weakening must be taken into account.

CAST IRON

Cast iron is made by remelting pig iron, often along with substantial quantities of scrap iron and scrap steel, and taking various steps to remove undesirable contaminants such as phosphorus and sulfur. Depending on the application, carbon and silicon content are reduced to the desired levels, which may be anywhere from 2% to 3.5% and 1% to 3% respectively. Other elements are then added to the melt before the final form is produced by casting.

Comparative qualities of cast irons

Name	Nominal composition [% by weight]	Form and condition	Yield strength [ksi (0.2% offset)]	Tensile strength [ksi]	Elongation [% (in 2 inches)]	Hardness [Brinell scale]
Cast grey iron (ASTM A48)	C 3.4, Si 1.8, Mn 0.5	Cast	-----	25	0.5	180
White	C 3.4, Si 0.7, Mn 0.6	Cast (as cast)	-----	25	0	450
Malleable iron (ASTM A47)	C 2.5, Si 1.0, Mn 0.55	Cast (annealed)	33	52	12	130
Ductile or nodular iron	C 3.4, P 0.1, Mn 0.4, Ni 1.0, Mg 0.06	Cast	53	70	18	170
Ductile or nodular iron (ASTM A339)	-----	Cast (quench tempered)	108	135	5	310
Ni-hard type 2	C 2.7, Si 0.6, Mn 0.5, Ni 4.5, Cr 2.0	Sand-cast	-----	55		550
Ni-resist type 2	C 3.0, Si 2.0, Mn 1.0, Ni 20.0, Cr 2.5	Cast	-----	27	2	140

BRASS

Brass is any alloy of copper and zinc; the proportions of zinc and copper can be varied to create a range of brasses, each of which has unique properties. In comparison bronze is principally an alloy of copper and tin. Despite this distinction, some type of brasses are called bronzes. Brass is a substitutional alloy. It is mainly used for making laboratory metalware like retort stands, retort clamps etc

Properties: Brass has higher malleability than copper or zinc. The relatively low melting point (900-940°C depending on composition) of brass and its flow characteristics make it a relatively easy material to cast. By varying the proportions of copper and zinc, the properties of the brass can be changed, allowing hard and soft brasses.

Today almost 90% of all brass alloys are recycled, Brass scrap is collected and transported to the foundry where it is melted and recast into billets. Billets are later heated up and extruded into the right form and size.

Brass Types: Common brass, or rivet brass, is 37% zinc brass, cheap and standard for cold working.

SILICON RUBBER TUBING

Suitable for Laboratory, Pharmaceutical and Industrial use. It has specific advantages over other types such as latex, usual synthetic rubber and plastic tubing.

1. Silicon Rubber Tubing is suitable for use over a temperature range of -50°C to 250°C hence useful for transfer of hot liquids.
2. It can be sterilized by steam (autoclave) or by hot air. This finds applications for use under aseptic conditions.
3. The tubing is odourless. It does not impart any smell or taste to liquid passing through it. It is suitable for transfer of pharmaceutical liquids, beverages and other food preparations.
4. The Silicon Rubber used for making tubing is of superior grade. Tubing is not irritant to skin.
5. The tubing is highly elastic and hence suitable for use with peristaltic pump.
6. Silicon Rubber is attacked by strong acids, strong alkalies, oils, bromine, carbon tetrachloride and toluene. The tubing is not recommended for use with these materials.

Silicon Rubber tubing is Transparent to Translucent.

NATURAL RUBBER TUBING

made from Rubber Trees

Shore hardness : 45

Density : 1.13

Temperature range : -30°C to 110°C light

It is resistant to dilute acid, alkalies, ammonia etc. Rubber Tubing light, flexible. For transferring gasses.

LOW EXPANSION BOROSILICATE GLASS

From the 16th Century to, today, chemical research teams have used glass containers for a very basic reason the glass containers is transparent, almost invisible. And so the contents and the reaction are clearly visible, But because chemists must heat, cool and mix chemical substances, ordinary glass is not always adequate for laboratory works.

Laboratory works requires apparatus made in a glass - which can readily be moulded into any desired shape or form, which offers maximum inertness when in contact with the widest range of chemical substances, which can withstand thermal shock with fracture and high temperature work without deforming, and which will be resilient enough to survive the everyday knocks to which it will be subjected in normal laboratory handling, washing and sterilizing processes.

Chemical Composition

Glassco Glassware is a low alkali borosilicate composition. Its typical chemical composition is given under. It is virtually free of magnesia-lime-Zinc group and contains only traces of heavy metals.

PERCENTAGE BY WEIGHT	
SiO ₂	81%
B ₂ O ₃	13%
Na ₂ O	4%

Thermal Properties

As the Coefficient of thermal expansion of Borosilicate glass is low, the thermal stresses under a given

temperature gradient are consequently low and the glass can withstand higher temperature gradients and also sudden temperature changes/thermal shocks. Minute scratching of glass surface can however reduce its thermal resistance.

In general the 'Strain Point' should be regarded as the maximum safe operating temperature of Glassco glassware. When heated above 500°C the glass may acquire permanent stresses on cooling. All Glassco labware is annealed in modern ovens under strictly controlled conditions to ensure minimal residual stress in the products.

Coefficient of Linear Expansion	32.5x10 ⁻⁷ °C
Strains Point	515°C
Annealing Point	565°C
Softening Point	820°C
Specific Heat	0.2
Thermal Conductivity (Cal/cm ³ /°C/Sec)	0.0027

Chemical Durability

Glassco Glassware in highly resistance to water, neutral and acid solutions, concentrated acids and their mixtures as well as to chloride, bromine, iodine, and organic matters. Even during extended period of reaction and at temperatures above 100°C, its chemical resistance exceeds that of most metals and other materials. It can withstand repeated dry and wet sterilisation without surface deterioration and subsequent contamination. Resistance to attack of various chemicals is shown under. Only hydrofluoric acid, very hot phosphoric acid and alkaline solutions increasingly attack the glass surface with rising concentration and temperature.

Fabrication with Borosilicate Glass

Due to low expansion of glass and easy workability, this glass can be shaped, formed, joined into complicated apparatus. It can be done even by an analyst in his own laboratory. He can keep on changing till he gets what he needs. In case where annealing in a controlled oven is difficult he can do so by flame annealing which is also great advantage.

Optical Properties

Laboratory glassware made from Borosilicate Glass shows no noticeable absorption in the visible region of the spectrum. It appear consequently clear and colourless.

CONTACT CHEMICAL	DURATION IN HOUR	LOSS IN WT. MG/M ²
Water distilled at 100°C	6	10
Water Vapour Steam at 121°C	1	75
Acid HCl	6	100
80% H ₂ SO ₄ at 130°C	12	140
Alkali- 1N soln. of Na ₂ CO ₃ boiling	6	4000
Infusion Fluids Isotonic		
NaCl (0.85%) 121°C	2.5	70
Glucose (5%) 121°C	2.5	50

When treated with proper care Glassco laboratory apparatus will give a long and satisfactory service. The following prepared notes are to assist users in obtaining the maximum life and performance from their apparatus. Our sales department will be happy to advise on any aspect concerning the safe use of our products.

HEATING AND COOLING

Glass may suffer damage in three ways :

- It may break under thermal stress in the steady-state when there is an established constant thermal gradient through the glass.
- It may break under the transient pressure of a 'thermal shock,' that is, sudden heating or cooling.

If heated beyond a specific temperature, it may acquire permanent stress on cooling, which could cause subsequent failure.

The following precautionary measures will assist in avoiding failures during heating and cooling procedures:

01. Never leave the vessel unattended when evaporation work is being carried out. The vessel may crack or explode if the heat source is not adjusted correctly. Lower the temperature gradually as the liquid level drops.
02. Always use caution when removing glassware from a heat source and avoid placing it on a cold or damp surface. Although the ware can withstand extreme temperatures, sudden temperature changes may cause the vessel to break.
03. Always cool vessels slowly to prevent thermal breakage.
04. Never apply heat to badly scratched or etched vessels as the thermal strength will have been significantly reduced.
05. Never apply point source heating to a vessel, as this will significantly increase the chance of breakage.
06. Always diffuse the heat source by using a metal gauze or air/water bath. Alternatively, ensure uniform heating of the vessel by slow movement of the vessel with the heat source.
07. Adjust Bunsen burner to get a sizable soft flame. It will heat slowly but also more uniformly. Uniform heat is a critical factor for some chemical reactions.
08. Ensure that the flame contacts the vessel below the liquid level. Heating above that level will invite breakage of the vessels.
09. Always use anti-bumping devices in the vessel, such as powered pumice or glass wool. Rapid heating of the vessel and contents is required.
10. Never use material with sharp edges such as broken porcelain as an anti-pumping device. This will cause internal abrasions and reduce the mechanical and thermal strength of the vessel.
11. Thick-walled glassware should not be subjected to direct flame or another localized heat source. Vessels of this type are best heated with the use of an electric immersion heater.
12. Avoid heating glassware over electric heaters with open elements. Uneven heat of this type can include localized stress and increase the chance of breakage.
13. Remember that the hot plate will retain heat long after the appliance has been switched off.
14. Always ensure that the hot plate's surface is larger in area than the vessel's base being heated. An under-sized scale of the job in hand will invite uneven heating and promote the breakage of glassware.
15. Always ensure that manufacturer's instructions are followed when electrical heat sources.

Mixing and Stirring

01. Always use a rubber policeman's or similar device on stirring rods to prevent scratching the vessel's inside.
02. Using a glass vessel with a magnetic stirrer, always use a covered follower to prevent scuffing the container's inside.
03. When using a glass or metal mechanical stirrer in a glass vessel, always predetermine the stirrer's height before use to ensure there is no contact between the stirrer blade and the vessel's bottom or sides.
04. Never mix sulphuric acid and water inside a glass measuring cylinder. The heat of the reaction can break the base of the cylinder.

Vacuum and Pressure

01. Never use glassware beyond the recommended safe limit.
02. Always use a safety screen when working with glassware subjected to the pressure of a vacuum.
03. Never subject glassware to sudden pressure changes. Always apply and release positive and negative pressures gradually.

Joining and Separating glass apparatus

01. When storing glass stopcocks and joints, insert a thin strip of paper between joint surfaces to prevent sticking.
02. Never store stopcocks for long periods with lubricant still on the ground surfaces.
03. Glass stopcocks on Burettes and Separation Funnels should be lubricated frequently to prevent sticking.
04. If a ground joint sticks, separation can generally be achieved by carefully reeking the cone in the socket, or gently tapping of the socket flange on a wooden surface, or by heating the socket and not the cone in a localised flame. The use of penetrating oil will often prove useful in aiding separation.
05. In using lubricants it is advisable to apply light coat of grease completely around the upper part of the joint. Use only a small amount and avoid greasing that part of the joint which contacts the inner part of apparatus.
06. Three type of lubricants are commonly use on standard taper joints
 - (A) Hydrocarbon grease is the most widely used. It can be easily remove by most laboratory solvents, including acetone.
 - (B) Because hydrocarbon grease is so easily removable, silicon grease is often preferred for higher temperature or high vacuum applications. It can be removed readily with chloroform.
 - (C) For long term reflux or extraction reactions, a water soluble, organic and insoluble grease, such as glycerin, is suitable. Water will clean glycerin. There are other type of greases which can be used specifically when certain reagents are used in the Burettes or Separating Funnels.
07. The use of water, oil or glycerol is recommended on both tubing and rubber bung when inserting glass tubing into a bung. Always wear heavy protective gloves or similar protection when carrying out this operation.
08. Always fire polish rough ends of glass tubing before attempting to insert into flexible tubing. The lubricants recommended above may also prove useful.
09. Never attempt to pull a thermometer out of a rubber bung. Always cut the bung away.

PERSONAL SAFETY

01. Use tongs to asbestos gloves to remove all glassware from heat. Hot glass can cause severs burns.
02. Protective gloves, safety shoes, aprons, and goggles should be worn as safety chemical accidents, spilling or splattering.
03. Always flush the outside of acid bottle with water before opening. Do not put the stopper on the counter top where someone else may come in contact with acid residue.
04. Special care is needed when dealing with mercury. Even a small amount of mercury in the bottom of a drawer can poison the room atmosphere. Mercury toxicity is cumulative and the element's ability to amalgamate with a number of metals is well known. After an accident involving mercury, the area should be cleaned carefully until there are no globules remaining. All mercury containers should be kept well-stoppered.
05. Never drink from a beaker. A beaker left specifically for drinking is a menace to the laboratory. Do not taste chemicals for identification. Smell chemicals only when necessary and by waiting a small amount of vapour towards the nose.
06. Avoid pipeting by mouth, particularly when using concentrated acids, alkalis or potentially biohazardous materials. Use mechanical means such as a rubber bulb or an automatic dispenser.
07. Never fill receptacle with material other than that called for by the label. Label all containers before filling. Throw away contents of unlabelled containers.
08. To avoid breakage when clamping glassware, do not permit glass-to-metal contact and do not use excessive force to tighten the clamps.
09. Do not look down into a test tube being heated or containing chemicals and do not point its open end at another person. A reaction might cause the contents to be ejected, resulting in injury.
10. Spattering from acids, caustic materials and strong oxidizing solutions on the skin or clothing should be washed off immediately with large quantities of water.

11. When working with chlorine, hydrogen sulphide, carbon monoxide, hydrogen cyanide and other very toxic substances, always use a protective mask or perform these experiments under a fume hood on a well ventilated area.
12. In working with volatile materials, remember that heat causes expansion and confinement of expansion results in explosion. Remember also that danger exists even though external heat is not applied.
13. Perchloric acid is especially dangerous because it explodes on contact with organic materials. Do not use perchloric acid around wooden benches or tables. Keep perchloric acid, wear protective clothing.
14. When using hot plates and other electrical equipments, ensure the wire and plugs are in good condition. Never handle electrical connection with damp hand

CLEANING

Successful experimental results can only be achieved by using a clean apparatus. In all instances laboratory glassware must be physically clean, in nearly all cases it must be chemically clean and in specific cases it must be bacteriologically clean or sterile. There must be no trace of grease and the safest criteria of cleanliness is the uniform wetting of the glass surface by distilled water-this being of the utmost importance for glassware used for volumetric methods. Any prevention of uniform wetting of the surface will introduce errors such as distortion of the meniscus and accuracy of volume.



GENERAL CLEANING

01. Cleaning of glassware which has contained hazardous materials must be solely undertaken by experienced personal.
02. Most new glassware is slightly alkaline in reaction. For precision chemical tests, new glassware should be soaked several hours in acid water (1% solution hydrochloric acid or nitric acid) before washing.
03. Glassware which is contaminated with blood clots, culture media, etc. must be sterilized before cleaning.
04. If glassware become induly clouded or dirty or contains coagulated organic matter, it must be cleaned with chromic acid cleaning solution. The dichromates should be handle with extreme care because it is a powerful corrosive
05. Wash glassware as quickly as possible after use but if delays are unavoidable, the articles should be allowed to soak in water.
06. Grease is removed by weak sodium carbonate solution or acetone or fat solvents. Never use strong alkalis.
07. Hot water with recommended detergents should be used and if glass is exceptionally dirty a cleaning power with a mild abrasive action can be applied, provided the surface is not scratched.
08. During washing all parts of the article should be thoroughly scrubbed with a brush selected for the shape and size of the glassware. Brushes should always be in good condition to avoid any abrasion of glassware.
09. When chromic acid solution is used, the item may be rinsed with the cleaning solution or it may be filled and allowed to stand. The amount of time should depend on amount of contamination on the glassware.
10. Special type of precipitate material may required removal with nitric acid, aqua regia or fuming sulphuric acid. These are very corrosive substances and should be used only when required.

11. It is imperative that all soap detergents and other cleaning fluids be removed from glassware before use. This is especially important with the detergents, slight traces of which will interfere with serologic and culture reactions. After cleaning, thoroughly rinse with tap water ensuring that containers are partly filled with water. Shaken and emptied several times. Finally rinse with deionised or distilled water.
12. Drying can be undertaken either in baskets or on pages in air or at a temperature not exceeding 120°C.
13. Always protect clean glassware from dust by use of temporary closures or by placing in a dust free cabinet. For cleaning specific type of glassware, please refer the following pages.

Cleaning Specific Types of Glassware Pipettes

Place pipettes tips down, in a cylinder or tall jar of water immediately after use. Do not drop them into the jar, since this may break or chip the tips and render the pipettes useless for accurate measurements. A pad of cotton or glass wool at the bottom of the jar will help to prevent breaking of the tips. Be certain that the water level is high enough to immerse the greater portion or all of each pipette. At a convenient time, the pipettes may then be drained and placed in a cylinder or jar of dissolved detergent or, if exceptionally dirty, in a jar of chromic acid cleaning solution. After soaking for several hours, or overnight, drain the pipettes and run tap water over and through them until all traces of dirt are removed. Soak the pipettes in distilled water for at least one hour. Remove from the distilled water, dry the outside with a cloth, shake out the water and dry.

Burettes (with glass stopcock)

01. Remove the stopcock key and wash the burette with detergent and water.
02. Rinse with tap water until all the dirt is removed. Then rinse with distilled water and dry.
03. Wash the stopcock key separately. Before the stopcock key is replaced in the burette stopcock keys are not interchangeable.
04. Always cover burettes when not in use.

Culture Tubes

01. Culture tubes which have been used previously must be sterilized before cleaning. The best general method for sterilising culture tubes is by autoclaving for 30 minutes at 121°C (15 lb. pressure). Media which solidify on cooling should be poured out while the tubes are emptied, brush with detergent and water, rinse thoroughly with tap water, rinse with distilled water, place in a basket and dry.
02. If tubes are to be filled with a medium which is sterilized by autoclaving, do not plug until the medium is added. Both medium & tubes are thus sterilized with one autoclave.
03. If the tubes are to be filled with a sterile medium or if they are to be sterilized by the fractional method then sterilize the tubes in the autoclave or dry air sterilizer before adding the medium.

Serological Tube

01. Serological Tubes should be chemically clean but need not be sterile. However, specimens of blood which are to be kept for some time at room temperature should be collected in a sterile container. It may be expedient to sterilize all tubes as routine.
02. To clean and sterilize tubes containing blood, discard the clots in a waste container and place the tubes in a large basket. Put the basket, with others, in a large bucket or boiler. Cover with water, add a fair quantity of soap or detergent and boil for 30 minutes. Rinse the tubes and clean with brush, rinse and dry with the usual precautions.
03. It is imperative when washing serological glassware that all acid, alkali and detergent be completely removed. Both acid and alkali in small amounts destroy complement and in large amounts produce hemolysis. Detergents interfere with serologic reactions.
04. Serological tubes and glassware should be kept separate from all other glassware and used for nothing except serologic procedures.

Disposal : Never dispose of contaminated glassware, including broken tubes, flasks etc. in cardboard box, These must be discarded in sharp container. Because of their special usage, It has to be cleaned & disposed according to current regulations.

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