



Veterinary

catalogue

INDEX - Veterinary Catalogue

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CLINICAL AND SURGICAL EQUIPMENT

Veterinary Ultrasonic Scalpel ZMC033 and ZMC034

High-frequency veterinary ultrasonic scalpel that combines secure sealing of blood vessels up to 5 mm with precise cutting and minimal thermal damage, enhancing surgical safety and recovery. Optimized for sealing, coagulation, and soft tissue dissection in routine surgeries. Includes, but is not limited to: tumor resections, sterilizations (open and laparoscopic), abdominal surgery, liver, spleen, infected wound debridement, coagulation, and cutting.



ACCESSORIES

- ZMC035: Generator for scalpel
- ZMC036: 14 cm shaft for scalpel
- ZMC037: 23 cm shaft for scalpel
- ZMC038: 36 cm shaft for scalpel
- ZMC039: Transducer for scalpel

KEY POINTS

- 1/ Available in **lengths of 14 cm, 23 cm, and 36 cm**, suitable for both open and laparoscopic surgeries.
- 2/ Smoke-reducing design with **360° rotating shaft**, providing greater flexibility and maneuverability. Features an intelligent feedback system that automatically adjusts output power according to tissue resistance for optimal performance.
- 3/ Temperature control, automatic fault detection, and system self-check.
- 4/ Low thermal spread, with a controlled heat range between 60 and 100°C, ensuring precise and safe coagulation.
- 5/ Thin blade improves visibility in minimally invasive procedures, providing a clear field of view and enhancing surgical precision.

TECHNICAL SPECIFICATIONS

| | | |
|-------------------|---|--|
| Code | ZMC033 | ZMC034 |
| Model | AXV250 | Double connector |
| Control Interface | 7" Touchscreen | 7" Touchscreen |
| Operation Modes | Sealing, MIN/MAX and ADV cutting | With forceps: sealing, MIN/MAX and ADV cutting With monopolar tips: sealing, MIN/MAX and ADV cutting |
| Includes | 1 x Generator 1 x Reusable transducer 3 x Reusable forceps (14/23 cm) | 1 x Generator 1 x Reusable transducer 3 x Reusable forceps (14/23 cm) 1 x Monopolar pedal 3 x Monopolar tips (ball; cut; loop) |
| Dimensions | 280x150x260 mm | 280x150x260 mm |
| Net Weight | 4,8 kg | 4,8 kg |

CLINICAL AND SURGICAL EQUIPMENT

Anesthesia Ventilator Veterinary BAM-5 Pro Turbo

This device allows mechanical control of patient breathing during veterinary surgical procedures under general inhalation anesthesia. Its compatibility makes it the preferred choice for upgrading most spontaneous ventilation anesthesia systems to include mechanical ventilation.

INDICATIONS

- Automated mechanical control of respiration to increase safety and improve the quality of veterinary inhalation anesthesia procedures.

KEY POINTS

The device features an integrated turbine, eliminating the need for external compressors and automatically adjusting ventilation parameters based on the animal's weight. It includes two bellows (0–300 mL for up to 20 kg and 300–1500 mL for 20–100 kg) and offers three modes: VCV (automatic tidal volume), PCV (pressure-limited), and SPONT (spontaneous breathing with apnea-triggered activation).

It has a PEEP function in VCV and PCV modes and is controlled via a 9" TFT LCD touchscreen, allowing easy and precise monitoring and adjustments.



TECHNICAL SPECIFICATIONS

| | |
|------------------------------|-------------------------------------|
| Code | ZMC028 |
| Power Supply | 100-240VAC 50/60Hz |
| Power Consumption | 100VA |
| Weight Range | 2-100 kg (resolution 0.1) |
| Tidal Volume Range | 20 – 1500 mL (resolution 1) |
| Respiration Rate Range | 1 – 150 bpm (resolution 1) |
| Inspiration/Expiration Ratio | 9.9: 1 – 1: 9.9 |
| Flow/Sensitivity Range | 0.5 -20L/min + OFF (resolution 0.5) |
| Pressure/Sensitivity Range | -1 – 20cmH2O + OFF (resolution 1) |
| Inspiration Pressure Range | 2 - 60 cmH2O |
| Inspiration Time | 0.1 – 12 s |
| Dimensions | 390 x 280 x 270 mm |
| Weight | 7 Kg |

CLINICAL AND SURGICAL EQUIPMENT

Axavet EN-V5 Vet Infusion Pump

The Axavet infusion pump allows precise and safe administration of fluids and medications. Quick access to the 20 most recent settings.



1/ Indications

Clinical and surgical procedures requiring intravenous fluid administration.

2/ Operating Modes

Flow and volume. Total time and volume. Time and total flow. Body mass. Saved modes. Micro mode

KEY POINTS

The device is compatible with standard drip sets, includes holders for IV stands and cages, and is suitable for transfusions with an optional drip sensor. It offers customizable calibration, bolus and KVO functions, and can operate on mains power or battery. Equipped with safety alarms and self-diagnostics, it ensures accuracy and reliability in fluid administration.

TECHNICAL SPECIFICATIONS

| | | |
|------------------------|---|---|
| Code | ZMZ015 | ZMZ021 |
| Accumulated Volume | 0,1 - 9999 mL | 0,1 - 9999 mL |
| Touchscreen | LCD color, 4,3" | LCD color, 4,3" |
| Flow Range | 0,1 – 2000 mL/h | 0,1 – 2000 mL/h |
| Temperature Control | - | 30-40 °C |
| Accuracy | ±5% | ±5% |
| Air Bubble Detection | 20, 50, 100, 200, 400, 800 µl | 20, 50, 100, 200, 400, 800 µl |
| Occlusion Settings | 5 levels (50, 150, 300, 600, 900 mm Hg) | 5 levels (50, 150, 300, 600, 900 mm Hg) |
| Data Review | 5000 records | 5000 records |
| Protection Class | IP44 | IP44 |
| Power Supply | 100-240VAC, 50/60 Hz | 100-240VAC, 50/60 Hz |
| Dimensions (L x A x H) | 14x13x9 cm, with foldable handle | 14x13x9 cm, with foldable handle |
| Weight | 1,45 kg | 1,45 kg |

CLINICAL AND SURGICAL EQUIPMENT

Axavet EN-V3 Vet Infusion Pump

The Axavet infusion pump allows precise and safe administration of fluids and medications.



1/ Indications

Clinical and surgical procedures requiring intravenous fluid administration.

2/ Operating Modes

Flow and volume, total time and volume, time and total flow, body mass, saved modes, micro mode.

KEY POINTS

The device is compatible with standard drip sets, includes holders for IV stands and cages, and can incorporate an optional drip sensor. It offers customizable calibration, bolus and KVO functions, and can operate on mains power or battery. Equipped with safety alarms and self-diagnostics, it ensures precise and reliable operation.

ACCESSORIES

Drip sensor for infusion pump

COMPATIBLES

Code | ZM2022

TECHNICAL SPECIFICATIONS

| | |
|------------------------|--|
| Code | ZM2020 |
| Accumulated Volume | 0,1 - 9999 mL |
| Display | 2.8" Color |
| Flow Range | 0,1 – 2000 mL/h |
| Accuracy | ± 5% |
| Air Bubble Detection | 5 levels (50, 100, 200, 400, 1000 µl) |
| Occlusion Settings | 4 levels (150, 300, 600, 900 mm Hg) |
| Data Review | 2000 records |
| Protection Class | IP44 |
| Power Supply | 100-240VAC, 50/60 Hz |
| Dimensions (L x A x H) | 14x13x9 cm, with foldable handle |
| Weight | 1,45 kg |

CLINICAL AND SURGICAL EQUIPMENT

Multiparameter Monitor Axavet W12M

The Axavet W12M veterinary monitor is designed to meet the daily clinical needs of intensive monitoring.



Features



HD Display



Smart settings



Quiet operation



Touchscreen



Easy to clean



Highly visible

INDICATIONS

- Provides advanced monitoring during clinical, surgical, and diagnostic procedures for the following parameters: ECG, Capnography, Pulse Oximetry, Non-Invasive Blood Pressure, Respiratory and Heart Rate, Temperature, PVI, and PI.

KEY POINTS

The multiparameter pulse oximeter delivers accurate and reliable measurements, with LowPulseStr™ SPO2 algorithm for low perfusion or movement, and PVI/PI index measurement. Includes NIBP with five cuffs and iFastBP™ algorithm, 5-lead ECG wSmartHeart™, heart rate up to 350 bpm, and respiratory rate up to 150 bpm with iRealResp™.

Features modular capnograph EtCO₂/FiCO₂ wSmartGas™, dual temperature measurement (TEMP 1 and 2), and is portable with rechargeable battery, reinforced casing, and visual and audible alarms for patient safety.

TECHNICAL SPECIFICATIONS

| | |
|------------|--|
| Code | ZFB009 |
| Display | 12.1" Touchscreen, easy-to-read, high visibility |
| Output | Thermal printer |
| Battery | Lithium |
| Weight | 5,0 kg |
| Dimensions | 30x15x30 cm |

CLINICAL AND SURGICAL EQUIPMENT

Axavet AXV-5 Oxygen Concentrator

Equipment designed to meet the needs of veterinary centers requiring an automatic, low-maintenance oxygen source. It is supplied with a nebulizer cup and replacement filter sets.

INDICATIONS

- Provides oxygen supply for anesthesia machines, oxygen therapy, and nebulization.

KEY POINTS

The unit is compatible with most anesthesia machines, fully automatic, and easy to operate. Its compact and quiet design requires little space and facilitates installation.

Includes a power failure alarm, nebulizer cup, and replacement filters, with simple maintenance for easy cleaning and quick component replacement, ensuring reliable and long-lasting operation.



TECHNICAL SPECIFICATIONS

| | |
|--------------------|------------------------|
| Code | ZMC017 |
| Oxygen Purity | $\geq 93\% \pm 3\%$ |
| Output Pressure | 100-115 kPa |
| Flow Range | 0-5 L/min |
| Noise Level | < 45 dB |
| Power Consumption | 500 W |
| Power Supply | 100-240 V AC, 50/60 Hz |
| Dimensions (LxAxH) | 490x270x560 mm |
| Weight | 22 kg |

CLINICAL AND SURGICAL EQUIPMENT

Oxygen concentrator Axavet OLV-10S

Equipment designed to meet the needs of veterinary centers that require an automatic, low-maintenance oxygen source.

INDICATIONS

- Oxygen supply for anesthesia machines, oxygen therapy, and nebulization. Its maximum oxygen flow of 10 L/min allows it to cover oxygen therapy applications beyond the range of standard concentrators.

KEY POINTS

The unit is compatible with most anesthesia machines, fully automatic, and intuitive to operate. Its compact and quiet design takes up little space, optimizing the working environment.

Includes a nebulizer cup and replacement filters, with simple maintenance that allows quick cleaning and replacement, ensuring reliable and long-lasting performance.



INCLUDED ACCESSORIES

| Description |
|-------------------------|
| Nebulizer cup |
| Replacement filter sets |

TECHNICAL SPECIFICATIONS

| | |
|--------------------------|------------------------|
| Code | ZMC024 |
| Flow range | 0-10 l/min |
| Oxygen purity | 93 %±3 % |
| Output pressure | 140 kPa |
| Alarm signal noise level | >40 dB(A) |
| Noise level | 50 dB(A) |
| Power consumption | 800 W |
| Power Supply | 100-240 V AC, 50/60 Hz |
| Weight | 28 Kg |
| Dimensions | 350x250x670 mm |

CLINICAL AND SURGICAL EQUIPMENT

Dispomed Highdent Intro Dental Unit

Highdent Intro LED is a comprehensive veterinary dental unit, fully manufactured in Canada using modules, components, and parts with the most advanced technology and premium quality.

KEY POINTS

The dental unit features an adjustable height of 79–104 cm and an aluminum tray measuring 35.5 × 23 cm, supporting up to 13.6 kg. It includes a quick air inlet, built-in handpieces, a single pedal, and a single power cable, along with an easy-to-read pressure gauge.

It has a pressurized water system, LED-lit high-speed turbine, triple irrigation, and low noise, compatible with all FG burs. Includes 1:1 polishing head, NSK Varios 170 piezoelectric scaler, NSK VA2 handpiece, and 360° triple-action syringe. Delivered with a consumables pack for complete procedures, ensuring efficiency and safety.



INDICATIONS

Suitable for basic and advanced veterinary dentistry procedures, including cleaning, prophylaxis, polishing, cutting, extraction, treatment, and repair of dental pieces.

TECHNICAL SPECIFICATIONS

| | |
|--|----------------------------------|
| Code | ZML018 |
| Compressor | Silent air compressor |
| Autoclavable high-speed turbine | Up to 450,000 rpm |
| Autoclavable adjustable-speed micromotor | 20,000 rpm with reverse function |
| Contra-angle handpiece | 4:1 up to 5,000 rpm |
| Ultrasonic scaler | NSK Varios 170 LED |
| Dimensions | 45 x 40 x 79-104 cm |

CLINICAL AND SURGICAL EQUIPMENT

Mobile Cart Veterinary Dental Unit, BDS-05 model

The veterinary BDS-05 dental unit is a specialized system that provides an ergonomic and efficient operating environment, optimized for dental care in veterinary clinics.

INDICATIONS

- Suitable for basic and advanced veterinary dentistry procedures, including cleaning, prophylaxis, polishing, cutting, extraction, treatment, and repair of dental pieces.

KEY POINTS

The unit is mounted on a steel cart with wheels and brake, adjustable height 90–105 cm, featuring a 12 L oil-free compressor with automatic purge. Easy to operate with a single pedal and power cable, dual hydraulic system, and automatic handpiece selection with independent irrigation control.

Includes five positions: high-speed LED turbine, 1:1 micromotor, Woodpecker LED ultrasonic scaler, 360° rotary 3-way syringe, and liquid aspirator with filter. Ensures complete dental procedures with efficiency, safety, and comfort.



TECHNICAL SPECIFICATIONS

| | |
|--------------------------|--------------------------------|
| Code | ZML023 |
| Compressor | Oil-free air compressor |
| Power | 2.6-2.9 A, 220/230 V, 50/60 Hz |
| Output Pressure | 0.45-0.5 MPa |
| Gas Tank | 12 L |
| Noise Level | ≤65dB |
| High-Speed Handpiece | 300000-340000 rpm |
| Low-Speed Handpiece | 1800-20000 rpm |
| Ultrasonic Scaler | 28 kHz±3 kHz |
| Automatic Drain Function | Single time 0.5–10 s |
| Interval Time | 0.5-45 min |
| Dimensions | 50x50x95 cm |
| Weight | 30 kg |

CLINICAL AND SURGICAL EQUIPMENT

Surgical Lamp

Astramax HD-LED® is a complete range of high-performance surgical lamps, available in ceiling-mounted (BWL003 AM30CJ), wall-mounted (BWL002 AM30WJ), and mobile floor-base (BWL001 AM30MO) configurations. Dual-head models are also available (BWL012 AM3030TJ).

INDICATIONS

- Provides surgical-grade illumination for all types of procedures in surgery and clinical settings.



KEY POINTS



HD-LED Technology

Impressive adjustable intensity of 150,000 / 160,000 lux
Focusable illuminated area of 320 mm diameter



Superior Color Reproduction

High Color Rendering Index (Ra) and red color index (R9)
for precise tissue differentiation



Advanced Thermal Management

Minimizes heat emission, preventing tissue desiccation and
enhancing comfort during long surgeries



Long Lifespan

LEDs with over 60,000 hours of life, equivalent to more than
20 years of normal use, reducing maintenance costs



Ergonomic Design

Lightweight head, easy to position, with adjustable light
beam for the surgical field
Flexible installation options



ERGONOMIC DESIGN AND COMPLETE CONTROL



Smooth and Precise Positioning

Ultra-slim head and articulated arms with a wide range of motion.



Uniform, Shadow-Free Beam

Optimized LED distribution and Fat Beam technology for wide, homogeneous surgical fields.



Infection Control

Smooth surfaces, IP54 sealing, Biomaster® antimicrobial materials, and sterilizable handle.

VERSATILITY FOR EVERY ENVIRONMENT



Available Mounts: Ceiling | Wall | Mobile Floor-Base



Suitable for major surgery, examination, and outpatient procedures.

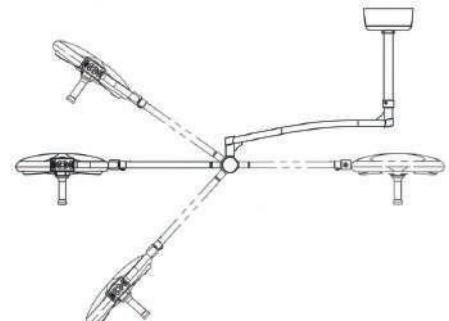
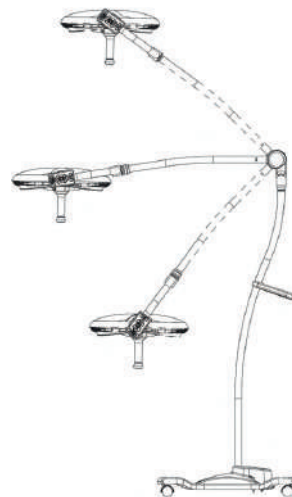
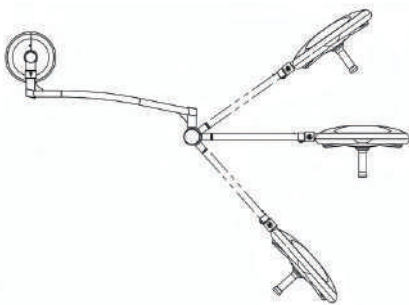


Designed to adapt to any space and clinical need.



HOW TO CHOOSE THE MOST SUITABLE MOUNT

| CODE | BWL002 | BWL001 | BWL003 |
|-------------------------|---|--|---|
| MOUNT TYPE | WALL | MOBILE FLOOR-BASE | CEILING |
| Structural Features | <ul style="list-style-type: none"> Requires a solid wall. May need additional reinforcement. | <ul style="list-style-type: none"> No structural requirements. | <ul style="list-style-type: none"> Requires a solid ceiling of adequate height. May need custom supports if hollow or high. Not suitable for low ceilings. |
| Installation & Mobility | <ul style="list-style-type: none"> Fixed installation. Frees floor space. Plug-in. | <ul style="list-style-type: none"> No installation required. Full mobility within the facility. Plug-in. | <ul style="list-style-type: none"> Fixed installation. Wide rotation range. Frees floor and wall space. |
| Recommended Use | <ul style="list-style-type: none"> Medium or small rooms. Ideal when the ceiling is unsuitable. | <ul style="list-style-type: none"> Large or multi-use rooms. Shared use between operating rooms. Ideal when walls or ceilings are unsuitable. | <ul style="list-style-type: none"> Medium or large rooms. ORs with many wall- or floor-mounted equipment. |



SPECIALIST TIP:

For ORs with low ceilings or light structures, choose wall-mounted or mobile floor-base models. For central ORs or major surgery, dual-head ceiling mounts provide the best coverage and ergonomics.

CLINICAL AND SURGICAL EQUIPMENT

Veterinary Inhalation Anesthesia System

A high-end inhalation anesthesia system with a maintenance-free vaporizer, mounted on a robust mobile cart. Supplied with a base for an oxygen concentrator and an additional tray for monitor/ventilator. Includes two independent modules for closed and open circuits, each with its own manometer, reservoir bag, APL valve, and gas exhaust. Upgradable with mechanical ventilation.

INDICATIONS

- General inhalation anesthesia for veterinary surgical procedures.

KEY POINTS

- High-precision, maintenance-free Penlon Sigma Delta vaporizer
- Precision rotameter with rotating float and enlarged scale for accurate gas control
- Integrated, safe oxygen flush system with prevention of accidental activation
- 1,500 mL CO₂ absorber with condensation trap for maximum efficiency
- Integrated Bain module, compatible with open circuits
- Independent pressure gauges for precise pressure control in open and closed circuits
- Top shelf for monitors and additional equipment
- Transport trolley with wheels and brakes for safe and stable movement



| | |
|--------------------------|--|
| Code | ZMC020 |
| O ₂ Flowmeter | Range 0.1–4 LPM (easy-to-read) |
| Purge Valve | Built-in |
| Construction | Machined head and absorber |
| Fresh Gas Outlet | Quick connection for safe circuit changes |
| Vaporizer | Cage-mount compatible manifold |
| CO ₂ Absorber | 1500 mL |
| Condensation Trap | Prevents water accumulation and improves sealing |
| Patient Circuit | With 2 L and 3 L bags |

DIAGNOSTIC EQUIPMENT

Digital angle centrifuge, 2615/1

A digital benchtop centrifuge designed for routine applications such as cell suspension concentration, serum or plasma separation, etc. Compact and stable, it features digital regulation of speed and centrifugation time.

FEATURES

- Angular rotor with capacity for 6 tubes of 15 mL (16 × 120 mm) with numbered positions.
- Transparent polycarbonate lid for visualization and rotor control.
- LED display for setting and viewing time and speed.
- Digital speed control up to 4000 rpm.
- Safety switch prevents operation if the lid is open and automatically stops centrifugation if the lid is opened.
- Elastic suspension motor ensures smooth operation.
- Suction cup feet for optimal stability on the work surface.
- Adapters available for 13 × 100 mm and 13 × 75 mm tubes.



Compatible Accessories (not included)



Tube kit
Code GBK001

Included:
6 tube holders for 15 mL tubes
6 rubber caps
1 spindle



Adapter for 16 × 100 mm tubes
Code GBK002

Suitable for round-bottom
16 × 100 mm tubes



Adapter for 13 × 75 mm tubes
Code GBK003

Internal dimensions Ø×L: 13 × 62 mm

TECHNICAL SPECIFICATIONS

| | |
|-------------------------|--------------------------|
| Code | GBF001 |
| Capacity (mL) | 6x15 (16x120 mm) |
| Timer (min) | 1-60 |
| Speed Range (rpm) | 1000-4000 (steps of 500) |
| Maximum RCF (g) | 1790 |
| Dimensions mm (approx.) | 280x280x250 |
| Power Consumption (W) | 90 |
| Power Supply | 220 V AC / 50 Hz |
| Weight approx. (Kg) | 5 |

RECOMMENDED TUBES

15 mL Falcon-type tubes

BGD010, BGD082, BGD083, BGD084, BGD024, BGD025
BGD039, BGD029, BGD030, BGD031, BGD032, BGD033

DIAGNOSTIC EQUIPMENT

Digital angle centrifuge GBF011 and GBF012

This centrifuge is designed for any type of laboratory due to its compact and durable construction. It can reach speeds up to 4000 rpm at full capacity, ensuring high efficiency. The bright LCD display provides clear visibility of speed and centrifugation time. The sturdy base includes a safety feature that prevents the lid from opening while the rotor is in motion.

FEATURES

- **High Performance:** Achieves efficient centrifugation speeds for rapid and precise sample separation.
- **Large Capacity:** Processes up to 12 samples (15 mL Falcon-type tubes, 16 × 120 mm) in a single run, improving laboratory productivity.
- **Intuitive Control:** Easy-to-use controls allow smooth operation for laboratory technicians.
- **Robust Design:** Durable centrifuge built for long-term use.
- **Accurate Results:** Stable centrifugation with precise adjustment options ensures reproducible and reliable sample separation.
- **Versatile Applications:** Suitable for serum and plasma separation, cell concentration, suspension separation, biochemical research, and educational use. Excellent quality/price ratio.
- **Safety:** Lid contact switch and electromagnetic locking system.
- **Adaptable:** Using adapter GBK003, can centrifuge 13 × 75 mm Vacutainer tubes (5–7 mL) and 13 × 100 mm tubes (10 mL) by removing the rubber cap for 13 × 100 mm tubes.



Compatible Accessories (not included)



Adapter for 13 × 75 mm tubes
Code GBK003*
Internal dim. ØxL : 13 x 62 mm



Tube Holder
Code GBK015

TECHNICAL SPECIFICATIONS

| Code | GBF011 | GBF012 |
|-------------------|-------------------------------------|-------------------------------------|
| Model | 2650-D | 2650-D+ |
| Motor | Brushed | Induction (brushless) |
| Speed | 500-4000 rpm (increments of 50 rpm) | 500-4000 rpm (increments of 50 rpm) |
| FCR | 2110 ×g (increments of 10 ×g) | 2110 ×g (increments of 10 ×g) |
| Timer | 10 sec - 99 min 59 sec | 10 sec - 99 min 59 sec |
| Capacity | 12 tubes of 15 mL (16×120 mm) | 12 tubes of 15 mL (16×120 mm) |
| Weight | 9,75 Kg | 9,75 Kg |
| Dimensions | 330×285×270 mm | 330×285×270 mm |
| Power Supply | 220 V/50 Hz | 220 V/50 Hz |
| Power Consumption | 120 W | 80 W |

RECOMMENDED TUBES

15 mL Falcon-type tubes

BGD010, BGD082, BGD083, BGD084, BGD024, BGD025
BGD039, BGD029, BGD030, BGD031, BGD032, BGD033

* For 13 × 75 mm tubes, the rubber cap can be removed to accommodate 13 × 100 mm tubes.

DIAGNOSTIC EQUIPMENT

Centrifuge mini 2507/11

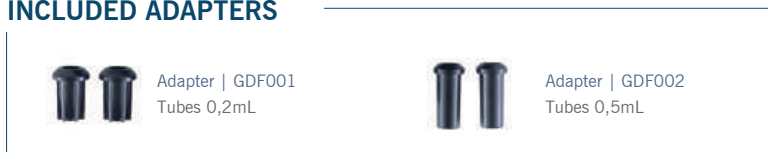
Mini centrifuges with fixed speed are notable for their modern design, advanced technology, and compact, stable structure. They are versatile, easy to use, and suitable for microtube filtration, HPLC sample preparation, blood cell separation, microbial processing, and PCR experiments. They prevent liquid from sticking to tube walls. Nahita mini centrifuges are small, quiet, and safe: the rotor automatically stops when the lid is opened. Ideal for handling small samples that require quick and efficient centrifugation.

FEATURES

- Transparent top cover for visibility
- Silicone rubber cushioning pad
- Ergonomic, easily accessible rotating latch
- Compact size; lid design allows easy opening via push-button without compromising safety: rotor stops automatically when lid is opened



INCLUDED ADAPTERS



INCLUDED ROTORS



TECHNICAL SPECIFICATIONS

| | |
|-------------------|----------------------------------|
| Code | GDC002 |
| Model | 2507/11 |
| Speed | 10000 rpm \pm 3% |
| FCR | 5610 \times g |
| Capacity | See rotor specifications |
| Weight | 1.1 Kg |
| Dimensions | 155 \times 168 \times 118 mm |
| Power Supply | 100-250 V/50-60 Hz |
| Power Consumption | 25 W |

RECOMMENDED TUBES

| | |
|------------------------------------|--|
| 0,2 mL Microtubes | BGN003, BGN026 |
| 0,5 mL Microtubes | BGN004 |
| 2 mL Microtubes | BGN025 |
| 1,5 mL Microtubes | BGN005, BGN011, BGN012, BGN013, BGN014, BGN015, BGN027 |
| 8 \times 0.2 mL microtube strips | BGN006 |

DIAGNOSTIC EQUIPMENT

Fugevet+ minicentrifuge

Modern design with advanced technology. Aesthetic design and compact structure. Versatile, with three speeds in one: 4,000 – 7,000 – 12,000 rpm, and various interchangeable rotors for 1.5/2 mL microtubes, 0.5 mL tubes, 8-tube PCR strips of 0.2 mL, as well as hematocrit tubes. Easy to use with “soft start” and “soft stop” functions. Special design prevents droplets from sticking to the tube walls. Suitable for use with microfiltration tubes, rapid centrifugation, micro-scale blood cell separation, bacterial pellet processing, and partitioning in PCR techniques. An ideal personal centrifuge, always ready to spin small samples whenever needed.

INCLUDED ADAPTERS AND ACCESSORIES



Adapter | GDF001
Tubes 0,2mL



Adapter | GDF002
Tubes 0,5mL



Microhematocrit reading card | GDF018
Only for fixed-speed models



INCLUDED ROTORS



Angular rotor
GDF007
1.5/2mL×8
4000rpm/990×g
7000rpm/2910×g
12000rpm/5610×g



Angular rotor
GDF010
0.2mL×8×4
4000rpm/536 ×g
7000rpm/1643 ×g
12000rpm/3354 ×g



Angular rotor
GDF013
1.5mL×6+0.5mL×6+0.2mL×8×2
4000rpm/912 ×g
7000rpm/2793 ×g
12000/5701 ×g



Angular rotor
GDF006
4 criotubes x 5mL
7000rpm / 3180×g



Angular rotor
GDF011
5mL×4
12000rpm/9660×g



Microhematocrit rotor
GDF005
20ul×12
12000rpm y 8371 ×g
Capillary length 40 mm

TECHNICAL SPECIFICATIONS

| | |
|-------------------|---------------------------------|
| Code | GDC005 |
| Speed | 4000 rpm / 7000 rpm / 12000 rpm |
| FCR | 990 ×g / 2910 ×g / 5610 ×g |
| Capacity | See rotor specifications |
| Dimensions | 155×168×118 mm |
| Weight | 1.1 Kg |
| Power Supply | 100-250 V/50-60 Hz |
| Power Consumption | 25 W |

RECOMMENDED TUBES

| | |
|-----------------------------|--|
| 0,2 mL Microtubes | BGN003, BGN026 |
| 0,5 mL Microtubes | BGN004 |
| 2 mL Microtubes | BGN025 |
| 1,5 mL Microtubes | BGN005, BGN011, BGN012, BGN013, BGN014, BGN015, BGN027 |
| 8 × 0.2 mL microtube strips | BGN006 |
| Hematocrit Capillaries | ZMB048 |

DIAGNOSTIC EQUIPMENT

MiniFuge-GD06

This mini centrifuge features a compact and stable design, high versatility, and easy access, along with soft-start and gradual braking. The LCD display provides clear operation information. Faster acceleration and deceleration speeds allow experiments to be completed in less time. The "click" system enables quick rotor exchange. Safety features include a lid interlock, overspeed detection, and imbalance detection, ensuring secure operation.

INCLUDED ADAPTERS AND ACCESSORIES



Adapter | GDF001
Tubes 0,2mL



Adapter | GDF002
Tubes 0,5 mL



Adapter | GDF009
1.1/1.8 mL



Microhematocrit reading card |
GDF018
only for fixed-speed models



INCLUDED ROTORS



PCR rotor | GDF008
1.5/2mL×12+0.2mL×8×4
12000rpm/9500×g



PCR rotor | GDF012
0.2mL×12×4
12000rpm/5960×g



Angular rotor | GDF011
5mL×4
12000rpm/9660×g



4-cryotube rotor | GDF006
5/1.8/1.1mL×4
7000rpm/3180×g



Microhematocrit rotor | GDF005
20 ul×12
12000rpm y 8371×g
Capillary Length: 40 mm

TECHNICAL SPECIFICATIONS

| | |
|-------------------|---|
| Code | GDC006 |
| Speed | 500~12000 rpm ±9% (increments of 500 rpm) |
| FCR | 9660 ×g |
| Timer | 1-8 min. / 1-59 seg. |
| Capacity | See rotor specifications |
| Weight | 1.6 Kg |
| Dimensions | 194×229×120 mm |
| Power Supply | 100-250 V / 50-60 Hz |
| Power Consumption | 60 W |

RECOMMENDED TUBES

| | |
|-----------------------------|--|
| 0,2 mL Microtubes | BGN003, BGN026 |
| 0,5 mL Microtubes | BGN004 |
| 2 mL Microtubes | BGN025 |
| 1,5 mL Microtubes | BGN005, BGN011, BGN012, BGN013, BGN014, BGN015, BGN027 |
| 8 × 0.2 mL microtube strips | BGN006 |
| 5 mL Eppendorf tubes | BGN029 |
| Hematocrit capillaries | ZMB048 |

DIAGNOSTIC EQUIPMENT

Digital Centrifuge RS-0424

These versatile centrifuges can be used in clinical and biochemical applications for quality analysis of serum, plasma, blood, and urine. Compact and convenient, with an LCD display. The device includes 3 customizable routine programs (blood, urine, and feces), 3 acceleration levels, and 4 deceleration levels. Features automatic diagnostics and self-detection. Equipped with a maintenance-free brushless DC motor.

OPTIONAL ROTORS (NOT INCLUDED)



Swinging rotors | GLH008
Max. speed: 4000 rpm
Capacity 4x50 mL



Swinging rotors | GLH009
Max. speed: 4000 rpm
Capacity: 6x15 mL

ANGULAR ROTORS, (NOT INCLUDED)



Angular rotor | GLH010
Max. speed: 4000 rpm
Capacity: 24x15 mL



Angular rotor | GLH011
Max. speed: 4000 rpm
Capacity: 8x15 mL / 12x10 mL



Angular rotor | GLH012
Capacity: 8x15 mL



TECHNICAL SPECIFICATIONS

| | |
|-----------------------------|--|
| Code | GLC002 |
| Speed Range | 500-4000 rpm, increment: 100 rpm |
| Max RCF | 2500×g, increment: 100xg |
| Speed Accuracy | ±100 rpm |
| Available Rotors | Swinging 4 × 50 mL (GLH008); Swinging 6 × 15 mL (GLH009); Angular 24 × 15 mL (GLH010); Angular 12 × 10 mL / 8 × 15 mL (GLH011); Angular 8 × 15 mL (GLH012) |
| Timer | 1-99 min/Continuous operation (hd) |
| Programs | Blood: 3,200 rpm, 10 min; Urine: 1,800 rpm, 5 min; Feces: 1,300 rpm, 10 min |
| Safety Features | Automatic internal diagnostics |
| Acceleration / Deceleration | 3 ▲ 4 ▼ |
| Power Supply | Single-phase 100V-240V, 50/60Hz |
| Dimensions [A×P×H] | 364×440×268 mm |
| Weight | 14,5 kg |
| Noise Level | ≤62dB |

DIAGNOSTIC EQUIPMENT

Digital angle centrifuge Fugelab-GB10

The Fugelab-GB10 centrifuge is a technological advancement designed to optimize the centrifugation process, delivering precise and efficient results. With its unique combination of features and capacity, it is an essential tool for researchers and professionals seeking reliable and rapid separation in a variety of applications.

FEATURES

This is a benchtop angular centrifuge with a maintenance-free induction motor, suitable for tubes from 5 to 15 mL (adapters available). The digital programming via LED display allows adjustment of RPM or RCF and stores the last used program.

The unit features a metal base and robust feet, plastic rotor and tube holders, and includes Short Spin and emergency lid release functions. It also offers double lid safety (electromagnetic and mechanical lock), making it ideal for laboratory routines such as serum separation or cell suspension concentration.



COMPATIBLE ACCESSORIES

ACCESSORIES



Adapter | GBK002
Tubes of 13×100mm



Adapter | GBK003
Tubes of 13×75mm

ROTORS

INCLUDED



Angular rotor | GBK016
12×15 mL
4000 rpm / 2250 ×g



Angular rotor | GBK021
18×10 mL
4000 rpm / 2250 ×g



Angular rotor | GBK022
24x5/10 mL
4000 rpm / 2250 ×g

RECOMMENDED TUBES

15 mL Falcon-type tubes

BGD010, BGD082, BGD083, BGD084, BGD024, BGD025, BGD039, BGD029, BGD030, BGD031, BGD032, BGD033

TECHNICAL SPECIFICATIONS

| | |
|-------------------|------------------------------------|
| Code | GLC004 |
| Speed | 100~4000 rpm (increments of 10 ×g) |
| FCR | 2250 ×g (increments of 10 ×g) |
| Timer | 1-99 min. |
| Maximum Capacity | 240 mL |
| Weight | 16 Kg |
| Dimensions | 485×375×290 mm |
| Power Supply | 220 VAC, 50/60 Hz |
| Power Consumption | 110 W |

DIAGNOSTIC EQUIPMENT

Low Speed Centrifuge, 2831

This centrifuge is compatible with swinging and angular rotors, featuring automatic rotor recognition and imbalance detection. Speed can be adjusted in RPM or RCF, powered by a maintenance-free brushless DC motor (100–6,000 RPM, ± 20 RPM) with FOC vector control for precise speed, time, and RCF settings. The unit can store up to 30 programs, offers multiple acceleration and deceleration ramps, and includes a safety system for overspeed protection.

SWINGING ROTORS



ROTORS - CAPS



RECOMMENDED TUBES

| | |
|-------------------------|--|
| 15 mL Falcon-type tubes | BGD010, BGD082, BGD083, BGD084, BGD024, BGD025, BGD029, BGD030, BGD031, BGD032, BGD033, BGD039 |
| 15 mL Falcon-type tubes | BGD011, BGD026, BGD034, BGD040, BGD072, BGD085, BGD086, BGD087 |

TECHNICAL SPECIFICATIONS

| | |
|-------------------|--|
| Code | GLC006 |
| Speed | 100~6000 rpm (Increments of 10 \times g) |
| FCR | 5350 \times g (Increments of 10 \times g) |
| Timer | 1-99 h./1-59 min./1-59 s. Precision \pm 1 s. |
| Max. capacity | 450 mL (15 mL \times 30) |
| Weight | 26 Kg |
| Dimensions | 450x365x315 mm |
| Power Supply | AC220 V / 50 Hz |
| Power Consumption | 350 W |

DIAGNOSTIC EQUIPMENT

Medibas+ low speed centrifuge, 2742

This centrifuge features a steel housing and base with a stainless steel inner chamber, metal lid with viewing window, and suspension mechanism. It includes autoclavable swinging rotors and tube holders. Digital control is provided by a microprocessor, with an LCD display and single-knob selector. The lid has electromechanical safety locking during centrifugation and manual release in case of power failure. The maintenance-free induction motor uses FOC vector control for precise speed, time, and RCF settings. Programming is possible in RPM or RCF, with automatic stop if maximum speed is exceeded.

ADAPTERS AND CAPS



Cap | GLK009
3 mL

Adapter | GLK010
5 mL

Adapter | GLK011
8 mL

Cap | GLK012
15 mL

Cap | GLK013
50 mL

SWINGING ROTORS

INCLUDED



Swinging rotors | GLK014
5000 rpm/3040 ×g



Tube Holders | GNP005
50 mL×8
4000 rpm/2720 ×g



Tube Holders | GLK002
10/15 mL×16
4000 rpm/2790 ×g



Tube Holders | GLK005
5 mL×24
4000 rpm/2540 ×g



Tube Holders | GNP004
50 mL×4
5000 rpm/4135 ×g



Tube Holders | GNP003
100 mL×4
5000 rpm/4108 ×g



OTHER ROTORS



Angular rotor | GLK006
15 mL×12
6000 rpm/5150 ×g



Angular rotor | GLK007
50 mL×8
5000 rpm/3435 ×g



Microplate rotor | GNP017
4 microplates×2×96
2 Deep well plate rotor×2×96
4000 rpm/2860 ×g

TECHNICAL SPECIFICATIONS

| | |
|-----------------------------------|---|
| Code | GLC008 |
| Speed | 100~6000 rpm |
| Speed accuracy | ± 20rpm |
| FCR | 5150 ×g (increments of 10 ×g) |
| Timer | 1 – 99 h / 1 – 59 min / 1 – 59 s (±1 s) |
| Maximum Capacity | 400 mL |
| Weight | 30 Kg |
| Dimensions | 390×500×320 mm |
| Power Supply | 220 V/50-60 Hz |
| Power Consumption | 350 W |
| Memory | 30 customizable programs |
| Acceleration / Deceleration Ramps | 1-9 0-9 |
| Protection Level | IP20 |

DIAGNOSTIC EQUIPMENT

High Speed Centrifuge, 2811

This centrifuge is compatible with angular rotors of various capacities and features a steel housing and base with a stainless steel inner chamber protected by a safety enclosure. The metal lid includes a suspension system and viewing window, with manual release in case of power failure and automatic stop if maximum speed is exceeded. The maintenance-free induction motor uses FOC vector control for precise speed, time, and RCF adjustments. Programming can be done in RPM or RCF, and the centrifuge automatically detects the rotor.

ANGULAR ROTORS



Angular rotor | GLK016
1.5/2mL×24
16000 rpm/24100 ×g



Angular rotor | GLK020
0.5 mL×36
15000 rpm/16350 ×g



Angular rotor | GLK022
5 mL×12
16000 rpm/18890 ×g



Angular rotor | GLK019
0.2 mL×8×4
14800 rpm/16200 ×g



Angular rotor | GLK024
15 mL×8
13000 rpm/17570 ×g



Angular rotor | GLK025
50 mL×6
16500 rpm/14750 ×g



Angular rotor | GLK026
100 mL×4
12000 rpm/15940 ×g



Angular rotor | GLK023
10/15 mL×12
13000 rpm/15315 ×g



Angular rotor | GLK021
1.5/2 mL×12
18000 rpm/22530 ×g



Angular rotor | GLK042
1.5/2 mL×36
14000 rpm/17970 ×g

ACCESSORIES

INCLUDED WITH ROTORS GLK016, GLK042, GLK021



Adapter | GDF001
Tubes 0,2 mL



Adapter | GDF002
Tubes 0,5 mL



Adapter | GDF014
15 mL



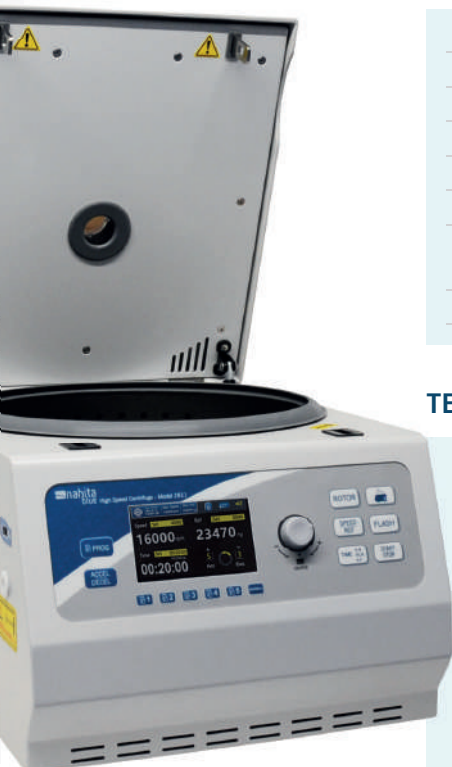
Cap | GDF015
50 mL

RECOMMENDED TUBES

| | |
|-----------------------------|--|
| 0,2 mL Microtubes | BGN003, BGN026 |
| 0,5 mL Microtubes | BGN004 |
| 2 mL Microtubes | BGN025 |
| 1,5 mL Microtubes | BGN005, BGN011, BGN012, BGN013, BGN014, BGN015, BGN027 |
| 5 mL Microtubes | BGN029 |
| 8 × 0.2 mL microtube strips | BGN006 |
| 15 mL Falcon tubes | BGD010, BGD082, BGD083, BGD084, BGD024, BGD025, BGD039, BGD029, BGD030, BGD031, BGD032, BGD033 |
| 50 mL Falcon tubes | BGD011, BGD085, BGD086, BGD087, BGD072, BGD026, BGD040, BGD034 |

TECHNICAL SPECIFICATIONS

| | |
|-----------------------------------|--|
| Code | GLC003 |
| Speed | 200~18000 rpm (increments of 10 ×g) |
| FCR | 24100 ×g (increments of 10 ×g) |
| Timer | 1 – 99 h / 1 – 59 min / 1 – 59 s, 3 modes, ±1 s accuracy |
| Maximum Capacity | 400 mL |
| Power Supply | AC220 V / 50-60 Hz |
| Power Consumption | 500 W |
| Memory | 10 customizable programs (5 external quick-access buttons) |
| Acceleration / Deceleration Ramps | 1-9 0-9 |



DIAGNOSTIC EQUIPMENT

High speed centrifuge, 2624/2

This centrifuge features a maintenance-free brushless induction motor with a speed range of 100–15,000 RPM (± 20 RPM). Constructed from chemically resistant materials, it includes a large LCD display for clear parameter visualization and a single rotary knob for quick adjustment of speed and RCF. The centrifuge offers automatic rotor recognition and imbalance detection. In case of errors or imbalance, it triggers an audible alarm, stops operation, and displays an error code.

ANGULAR ROTORS



Angular rotor | GLK027
1.5/2 mL×24
15000 rpm/21180 ×g



Microhematocrit head
| GLK017
50 μ l×24
12000 rpm/13600 ×g



Angular rotor | GLK018
5 mL×10
13500 rpm/12920 ×g



Angular rotor | GLK028
0.2 mL×8×4
14800 rpm/16200 ×g



Angular rotor | GLK029
0.5 mL×36
13500 rpm/13250 ×g

ACCESSORIES

INCLUDED WITH ROTOR GLK027



Adapter | GDF001
Tubes 0,2 mL



Adapter | GDF002
Tubes 0,5 mL

Microhematocrit reading card |
GLL001

For use with GLK017 rotor on GLC005 and GLF002 centrifuges



RECOMMENDED TUBES

| | |
|-----------------------------|--|
| 0,2 mL Microtubes | BGN003, BGN026 |
| 0,5 mL Microtubes | BGN004 |
| 2 mL Microtubes | BGN025 |
| 1,5 mL Microtubes | BGN005, BGN011, BGN012, BGN013, BGN014, BGN015, BGN027 |
| 5 mL Microtubes | BGN029 |
| 8 × 0.2 mL microtube strips | BGN006 |

TECHNICAL SPECIFICATIONS

| | |
|-----------------------------------|---|
| Code | GLC005 |
| FCR | 21180 ×g (Increments of 10 ×g) |
| Timer | 1–99 min / 1–59 sec, 2 modes, ± 1 sec |
| Capacity Max. | 50 mL |
| Weight | 17 Kg |
| Dimensions | 280×360×250 mm |
| Power Supply | AC220 V / 50 Hz |
| Power Consumption | 450 W |
| Memory | 30 customizable programs |
| Acceleration / Deceleration Ramps | 1-9 0-9 |

DIAGNOSTIC EQUIPMENT

Digital and handheld refractometers



Digital for Milk

1 | For measuring different scales in colostrum milk.

| Code | HPC005 | | |
|---|--------|------------|-----------|
| | Range | Resolution | Precision |
| Milk Concentration | 0 - 50 | 0.10 | ±0.2 |
| Total Serum Immunoglobulin Content g/dl | 0 - 12 | 0.1 | 0.2 |



URIVET, Handheld Clinical Refractometer

1 | Specially designed for VETERINARY applications, specifically for urine analysis in dogs and cats. Simple, fast, and easy to use, it allows immediate readings with just one drop.

| | |
|---------------|---------------------------------|
| Code | HPM003 |
| Range | 2-14 g/100 mL 1.000-1.060 sg |
| Precision | 0.1 g/100 mL 0.001 sg |
| CAT (10-30°C) | Yes |



3-Scale Handheld Clinical Refractometer

1 | Model equipped with three scales: for serum proteins, for urine specific gravity, and for refractive index.

2 | Calibration is performed with distilled water by aligning the separation line with the 1.333 value on the refractive index scale.

| Code | HPM002 | HPM005 |
|-----------|----------------------------------|----------------------------------|
| | Model | Model |
| Range | 0 - 12 g/dl | 0 - 12 g/dl |
| | 1.000-1.050 sg 1.333-1.360 nD | 1.000-1.050 sg 1.333-1.360 nD |
| Precision | 0.2 % g/dL | 0.2 % g/dL |
| | 0.002 sg | 0.002 sg |
| | 0.005 nD | 0.0005 nD |

DIAGNOSTIC EQUIPMENT

Digestion Equipment for Trichina Detection, ZKZ001



Composed of:

LBD009: Digital magnetic stirrer with heating

PQB030: 2L open decantation funnel, for trichina equipment

PQL006: 50 mL open cylindrical funnel, for trichina equipment

ZKZ002: 100x40 sieve, 180 µm

FCB023: Base stand 300x175 mm with rod 10x600 mm

FCV004: Ring with spike 105 mm, chrome-plated steel

FCR002: Ring with spike 65 mm, chrome-plated steel

FCG001: 2-finger clamp without nut, 12-45 mm

FCP002: Medium painted double nut, 16 mm (3 pcs)

CBC025: Low-form beaker 3000 mL

LDB011: Cylindrical Teflon-coated magnet 55x8 mm

DBG003: Glass graduated cylinder, 25 mL

DGJ010: Graduated pipette 25 mL / 0.1 mL

MBJ009: Pipette aspirator, 25 mL red

LDR010: PP stirring rod

BRB012: Bag of 20 squared Rodac plates

The equipment is supplied in its standard configuration but can be expanded with the following items:

KBC001: Precision balance 300 g / 0.01 g, series 5162

HDD011: Stereomicroscope series Z

FMJ010: Dissection forceps 1:2 teeth, 160 mm

FMN011: Straight sharp-sharp scissors, 160 mm

KKF002: Pocket watch 24 h, 1 memory

DGJ005: Graduated pipette 1 mL / 0.01 mL

DGJ008: Graduated pipette 10 mL / 0.1 mL

DIAGNOSTIC EQUIPMENT

Incubator 18 L, series 636 Plus



- 1 | Made of painted and oven-dried steel, exterior metal cabinet coated with epoxy, interior in stainless steel.
- 2 | Door with double-glass window for external control without temperature variation inside the chamber.
- 3 | Air circulation system by natural convection.

| | |
|-------------------------|--|
| Code | JBB005 |
| Capacity | 18 L |
| Temperature Range | Ambient to 80°C |
| Resolution | 1 °C (configurable to 0.1°C)* |
| Temperature Fluctuation | ± 1.0 °C |
| Homogeneity | 2% |
| Power Consumption | 0.3 Kw |
| Dim. aprox. (cm) | Exterior: 44x38x55, Interior: 26x26x26 |
| Weight aprox. | 20 Kg |

* consult

DIAGNOSTIC EQUIPMENT

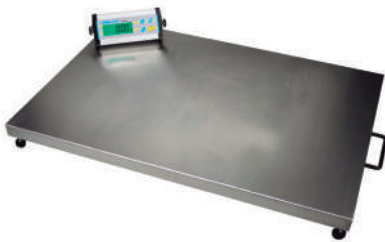
Electronic and veterinary balances



Electronic balances

- 1 | High-precision load sensor. Large backlit LCD screen for easy reading.
- 2 | Weighing and piece counting functions. Automatic calibration via external weight (see table), weight included for references KBB025 and KBB004. Built-in rechargeable battery.

| | | | |
|-------------------------|--|----------------|------------------|
| Code | KBB025 | KBB004 | KBB005 |
| Capacity máx. (g) | 500 | 1000 | 2000 |
| Accuracy (g) | 0.1 | 0.1 | 0.1 |
| Precision (g) | ± 0,2 | ± 0,2 | ± 0,2 |
| Pan Size (mm) | 143x192 | | |
| Weighing Units | g, kg, ct, T, TAR, dr, PKT, GN, TMR, gsm, tIJ, mo dwt, oz, lb, tIT, ozt, tIH, % | | |
| Calibration Weight (kg) | 0.5 (included) | 0.5 (included) | 1 (not included) |
| Dimensions (mm) | 280x180x80 | | |
| Power Supply | 110-220VAC, 50/60Hz | | |



Veterinary balance CPWplus

- 1 | High-precision VETERINARY scale with steel platform and dual power supply via mains and internal battery. Equipped with handle, wheels, and adjustable leveling feet.

| | |
|--------------------|-------------------|
| Code | KBJ004 |
| Capacity (Kg) | 150 |
| Accuracy (Kg) | 0.05 |
| Repeatability (Kg) | 0.05 |
| Platform Size (mm) | 900x600 |
| Calibration | External |
| Weighing Units | kg, lb, lb:oz, oz |
| Output | RS-232 |

DIAGNOSTIC EQUIPMENT

AQUISEL Tubes



| | | | | |
|--------------|---------|---------|-----------------|--------|
| Code | ZMB512 | ZMB513 | ZMB514 | ZMB515 |
| Model | EDTA K3 | Citrate | Lithium Heparin | |
| Size (Ø x L) | 12x55 | 12x55 | 13x80 | 12x55 |
| Capacity | 1 mL | 1 mL | 4 mL | 1 mL |
| Cap | Mauve | Blue | Green | Green |

CLEANING AND STERILIZATION

Ultrasonic Bath

For automatic cleaning of all types of instruments

Includes lid and basket with handles for better grip. Stainless steel tank AISI304, water-resistant. Equipped with external grips for easier handling of the bath.

Temperature Range: 0–80 °C (from ambient temperature to 80 °C) with 1 °C increments.

Time Range: 1 to 99 minutes, in 1-minute increments.

Display: Four-digit LED screen.



Code - ZCC017

EXTERNAL GRIPS

Equipped with external handles for easier handling of the bath.



Code - ZCC021

DRAIN VALVE

For easier emptying of the tank. Available on all codes except ZCC017.

| Code | ZCC017 | ZCC019 | ZCC020 | ZCC021 | ZCC018 |
|------------------------|-------------|-------------|-------------|-------------|-------------|
| Capacity (L) | 3 | 6 | 10 | 15 | 22 |
| Frequency (Hz) | 40 | 40 | 40 | 40 | 40 |
| Drain Tap | No | Yes | Yes | Yes | Yes |
| Tank Size (LxWxH) | 240x140x100 | 300x155x150 | 300x240x150 | 330x300x150 | 500x300x150 |
| Equipment Size (LxWxH) | 270x160x220 | 325x180x280 | 330x270x280 | 360x330x280 | 530x330x280 |
| Heating Power (W) | 100 | 300 | 400 | 400 | 500 |
| Ultrasonic Power (W) | 120 | 180 | 240 | 360 | 480 |
| Power Supply | 220VAC 50Hz | | | | |



Detergent for ultrasonic baths

Code ZCC004

1 L Container

Biodegradable, phosphate-free, concentrated; mix 20 mL per liter of water.

CLEANING AND STERILIZATION

Autoclave



ICANCLAVE Series D Autoclave

Class B autoclaves according to EN 13060 standard, designed for sterilization of solid, hollow, and porous loads, wrapped or unwrapped. The Pro range incorporates intelligent systems and high-performance components that allow faster sterilization cycles.

Main Features:

- Backlit glass touchscreen display
- Includes a programmed cycle function and a cleaning/descaling program
- Suitable for any type of load typical of a Class B sterilizer
- Multiple mechanical and electronic protections for pressure, temperature, and door locking
- Built-in printer
- Delayed start; allows scheduling the cycle for a specific date and time
- Intelligent descaling cycle; automatically cleans the piping using descaling powder or liquid
- Internal memory for more than 10,000 cycles and USB data export

| | | |
|-------------------|--------------|--------------|
| Code | ZCK004 | ZCK008 |
| Model | STE-23-D Pro | STE-18-D Pro |
| Type | Clase B | Clase B |
| Chamber (mm) | Ø 250x300 | Ø 250x300 |
| Power (W) | 2300 | 2300 |
| Dimensions (mm) | 490x455x690 | 490x455x600 |
| Weight | 53 Kg | 50 Kg |
| Package Size (mm) | 575x525x780 | 575x525x780 |
| Gross Weight | 58 Kg | 51 Kg |
| Trays | 192x380 (x4) | 192x285 (x4) |



Autoclave Sterilization Indicator Tape

Heat-resistant adhesive that ensures adherence to different surfaces. Changes color from white to brown when sterilization conditions are reached (autoclave 20 min at 121°C, 10 min at 125°C, or 5 min at 135°C).

| | |
|--------|--------|
| Code | ZCM008 |
| Length | 50 m |
| Width | 19 mm |

CLEANING AND STERILIZATION

Self-Adhesive Sterilization Bags



Self-Adhesive Sterilization Bags

- 1 | Each bag is designed for single use. Box of 200 units.
- 2 | Durable, robust material. Large self-adhesive strip for easy sealing.
- 3 | Suitable for steam and EO gas sterilization.

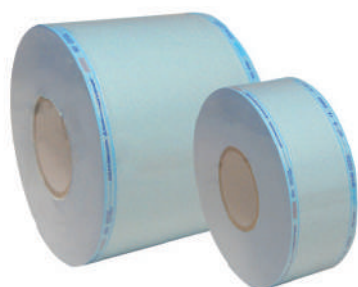
| Code | ZCM009 | ZCM010 | ZCM011 | ZCM012 | ZCM018 | ZCM019 | ZCM013 |
|-------------|--------|--------|--------|--------|--------|--------|--------|
| Length (mm) | 165 | 260 | 260 | 360 | 370 | 490 | 410 |
| Width (mm) | 90 | 90 | 135 | 190 | 250 | 300 | 305 |



Bag Sealer with Roll Holder

- 1 | Ensures secure and airtight sealing of bags and thermoplastic materials. Its robust structure and advanced features guarantee a perfect seal, protecting contents from leaks or contamination. Equipped with an integrated roll holder, it simplifies material handling, optimizes the sealing process, and ensures uniform results with every use.
- 2 | Features:
 - Made of ABS combined with metal, with 4 rubber feet at the base.
 - Easy to use, with press-to-seal function and manual cutting.
 - Power and preheating indicator lights.

| | |
|-----------------------|----------------|
| Code | ZC003 |
| Sealing Width | 15 mm |
| Max Sealing Length | 300 mm |
| Max Plastic Thickness | 0.4 mm |
| Dimensions | 370x310x180 mm |
| Power | 300 W |
| Weight | 4.50 kg |



Sterilization Paper Rolls

- 1 | Roll with a paper base and plastic cover.
- 2 | Suitable for sterilizing various materials.
- 3 | Includes a sterilization indicator with color change on the sides.

| Code | ZCM014 | ZCM015 | ZCM016 | ZCM017 |
|------------|--------|--------|--------|--------|
| Length (m) | 200 | 200 | 200 | 200 |
| Width (mm) | 75 | 150 | 200 | 250 |

ANALYSIS AND MICROSCOPY

Professional Microscope Series '222'

The professional microscopes of the 222 Series offer high-quality optics with infinity-corrected plan achromatic objectives, ensuring a sharp and precise image across the entire visual field. The large double-deck mechanical stage allows comfortable handling and precise sample positioning.

Their robust and ergonomic design, combined with a high-performance optical system, makes them ideal for intensive use, providing accurate observations of the highest quality.

INCLUDED ACCESSORIES

- Plastic cover
- Power supply cable
- 1 A protective fuse
- Immersion oil
- Filters: blue, yellow, and green
- C-thread adapter (1x)*

*Only for Model 222T



KEY POINTS

- 1/ Siedentopf-type head, with diopter correction on the left eyepiece and interpupillary adjustment from 48 to 75 mm.
- 2/ Large mechanical stage, with a travel range of 75 mm on the X-axis and 50 mm on the Y-axis.
- 3/ Height-adjustable Abbe condenser equipped with iris diaphragm.
- 4/ 32 mm filters with plastic adapter and holder in the Köhler pre-condenser.
- 5/ For Model 222T: the 3rd co-observation tube has a diameter of 23 mm. Additionally, includes a C-thread adapter (x1).

| | | |
|--------------------|---|---|
| Code | HBC025 | HBC026 |
| Model | 222B | 222T |
| Head | Binocular | Triocular |
| Head Tilt | 30° | 30° |
| Eyepiece | WF10x/22 (wide field) | WF10x/22 (wide field) |
| Nosepiece | Quadruple | Quadruple |
| Objectives | Infinity-corrected plan achromatic 4x, 10x, 40x(R), 100x(R)(I) | Infinity-corrected plan achromatic 4x, 10x, 40x(R), 100x(R)(I) |
| Stage | Double-deck graduated, 185 x 142 mm | Double-deck graduated, 185 x 142 mm |
| Condenser | Abbe N.A.1.25 | Abbe N.A.1.25 |
| Illumination | Köhler; LED 5W | Köhler; LED 5W |
| Power Supply | 100-240VAC, 50/60Hz | 100-240VAC, 50/60Hz |
| Dimensions (LxAxH) | 380x275x430 mm | 380x275x430 mm |
| Weight | 8 kg | 8 kg |

ANALYSIS AND MICROSCOPY

Plan-Achromatic Microscope, Series 'P'

The Zuzi professional microscopes Series P offer compact, robust, and high-performance equipment, ideal for laboratories, educational centers, and clinical settings. Its metal frame ensures stability and durability, and the ergonomic design allows comfortable, prolonged use. Available in binocular (HBC023) and triocular (HBC024) versions, it combines optical precision with autonomy thanks to built-in rechargeable batteries.



KEY POINTS

- 1/ Ergonomic design for prolonged observation and precise sample handling. Robust and stable construction, ideal for demanding professional environments.
- 2/ Inverted nosepiece improves comfort and protects objectives during use, with objectives oriented away from the user to optimize sample handling.
- 3/ Safe and practical stage, with a height limit system to prevent accidents with the objectives.
- 4/ Smooth, precise coaxial focusing with adjustable tension to suit the user.
- 5/ Electrical autonomy with built-in rechargeable batteries (enables use without mains connection).
- 6/ Siedentopf-type head, inclined 30° and rotatable 360°, with diopter adjustment on both eyepieces and interpupillary regulation (55–75 mm).

TECHNICAL SPECIFICATIONS

| | | |
|--------------|--|--|
| Code | HBC023 | HBC024 |
| Head | Binocular | Triocular |
| Eyepieces | WF10x/18 mm | WF10x/18 mm |
| Nosepiece | Inverted quadruple | Inverted quadruple |
| Objectives | Plan-achromatic objectives: 4X, 10X, 40X (R), 100X (R) (I) | Plan-achromatic objectives: 4X, 10X, 40X (R), 100X (R) (I) |
| Stage | Double-deck mechanical stage, size 132x 142 mm, movement 75x50mm | Double-deck mechanical stage, size 132x 142 mm, movement 75x50mm |
| Condenser | Abbe NA 1.25 with iris diaphragm and filter | Abbe NA 1.25 with iris diaphragm and filter |
| Focusing | Coarse and fine adjustment Focus scale 0.002 mm | Coarse and fine adjustment Focus scale 0.002 mm |
| Illumination | LED 3W/4V, adjustable intensity | LED 3W/4V, adjustable intensity |
| Power Supply | 100-240V; 50-60Hz Rechargeable Batteries 3x NiMH AA1400mAH 1.2V | 100-240V; 50-60Hz Rechargeable Batteries 3x NiMH AA1400mAH 1.2V |

ANALYSIS AND MICROSCOPY

Acromatic Microscopes, Series 'P'

The Zuzi professional microscopes Series P offer compact, robust, and high-performance equipment, ideal for laboratories, educational centers, and clinical settings. Its metal frame provides stability and durability, and the ergonomic design allows comfortable, prolonged use. Available in binocular (HBC015) and triocular (HBC016) versions.



INCLUDED ACCESSORIES

- Power supply
- Immersion oil
- Blue filter (Ø 32 mm)
- 2A fuse
- 2 eyepieces WF 10x/18 mm

KEY POINTS

- 1/ Comfortable observation, adaptable to each user thanks to the adjustable tilting head.
- 2/ Safer and more practical sample handling due to inverted objectives.
- 3/ Increased efficiency by allowing analysis of two slides simultaneously.
- 4/ Protection against accidental damage to objectives with the stage height limiter.
- 5/ Smooth and precise focusing, ideal for prolonged observations.
- 6/ Double-deck mechanical stage with coaxial translation controls and two-slide clip; includes height limiter screw to protect objectives.
- 7/ Compatible with rechargeable batteries (not included) for use without mains connection.

TECHNICAL SPECIFICATIONS

| Code | HBC015 | HBC016 |
|--------------|--|--|
| Head | Binocular Siedentopf, 30° inclined, 360° rotatable interpupillary distance adjustable 55–75 mm | Triocular Siedentopf, 30° inclined, 360° rotatable interpupillary distance adjustable 55–75 mm |
| Eyepieces | WF10x/18 mm (Ø 23 mm) | WF10x/18 mm (Ø 23 mm) |
| Nosepiece | Inverted quadruple | Inverted quadruple |
| Objectives | Achromatic, antifungal objectives: 4X, 10X, 40X (R), 100X (R) (I). | Achromatic, antifungal objectives: 4X, 10X, 40X (R), 100X (R) (I). |
| Stage | Double-deck mechanical stage, 132x142 mm, travel 75x50 mm | Double-deck mechanical stage, 132x142 mm, travel 75x50 mm |
| Condenser | Abbe NA 1.25 with iris diaphragm and filter | Abbe NA 1.25 with iris diaphragm and filter |
| Focusing | Coarse and fine adjustment Focus scale 0.002 mm | Coarse and fine adjustment Focus scale 0.002 mm |
| Illumination | LED 3W/4V, adjustable intensity | LED 3W/4V, adjustable intensity |
| Power Supply | 100-240V; 50-60Hz, rechargeable batteries 3x NiMH AA1400mAH 1.2V | 100-240V; 50-60Hz, rechargeable batteries 3x NiMH AA1400mAH 1.2V |

ANALYSIS AND MICROSCOPY

Microscopes Series 505

The Zuzi Series 505 biological microscopes are an excellent choice for professionals across various fields: research laboratories, hospitals, universities, and industry. This series offers high-quality infinity-corrected plan-achromatic optics, with a robust and ergonomic design for comfortable and prolonged use. Additionally, it supports a wide range of optional accessories for multiple techniques: phase contrast, dark field, polarization, and fluorescence.



KEY POINTS

- 1/ High-quality infinity-corrected plan-achromatic optics.
- 2/ Excellent stability thanks to its solid base and metal frame. Ergonomic design with coaxial coarse and fine focus controls at the ideal height. Large work stage with double slide clips for large or dual preparations.
- 3/ Versatility: supports accessories for multiple microscopy techniques.
- 4/ Efficient, long-lasting LED illumination with low power consumption.
- 5/ Excellent value for professional environments.
- 6/ Binocular or triocular Siedentopf-type head, 360° rotatable and 30° inclined.

TECHNICAL SPECIFICATIONS

| | | |
|-------------------------|---|---|
| Code | HBC021 | HBC022 |
| Model | 505 | 505T |
| Head | Binocular | Triocular |
| Eyepieces | WF10x/20 mm (ø 23mm) | WF10x/20 mm (ø 23mm) |
| Diopter Adjustment | ± 5 on both eyepieces | ± 5 on both eyepieces |
| Interpupillary Distance | 48 – 75 mm | 48 – 75 mm |
| Nosepiece | Inverted quintuple | Inverted quintuple |
| Objectives | Plan-achromatic, infinity-corrected: 4x / 0.11, 10x / 0.25, 20x / 0.40, 40x / 0.66, 100x / 1.25 (I) | Plan-achromatic, infinity-corrected: 4x / 0.11, 10x / 0.25, 20x / 0.40, 40x / 0.66, 100x / 1.25 (I) |
| Stage | Double-deck graduated stage, 175 x 145 mm, travel 78 x 55 mm | Double-deck graduated stage, 175 x 145 mm, travel 78 x 55 mm |
| Condenser | Abbe N.A. 1.25; iris diaphragm | Abbe N.A. 1.25; iris diaphragm |
| Illumination | Koehler; 3W LED | Koehler; 3W LED |
| Filters | Blue (32 mm) | Blue (32 mm) |
| Power Supply | 100-240 VAC /50-60 Hz | 100-240 VAC /50-60 Hz |
| Dimensions (W x D x H) | 220x 370x400 mm | 220x 370x480 mm |
| Weight | 8.6 Kg | 8.6 Kg |

ANALYSIS AND MICROSCOPY

USB/LAN/WiFi Camera for Microscope

This camera can connect to smart devices and computers via USB/LAN/WiFi for capturing images and videos with stereoscopic or biological microscopes. It can also be networked with an interactive teaching system for microscopes, making it very practical for teachers and students. Suitable for microscopes HBC026 - HBC024 - HBC022 - HBC016

KEY POINTS

- 1/ C-mount CMOS camera with large back-illuminated Sony Exmor sensor.
- 2/ High versatility thanks to multiple output interfaces.
- 3/ Powerful ISP functions ensure high visual quality.
- 4/ Real-time video transmission up to 30fps/4M.
- 5/ PC software suitable for biological and stereoscopic observations.
- 6/ ToupView app for smartphones or tablets.
- 7/ Compatible with multiple platforms (Windows/Linux/OSX/Android).



| | |
|------------------------------------|--|
| Code | HGB009 |
| Sensor & Size | 4M/Sony IMX347(C) 1/1,8"(7,8x4,38) |
| Pixel Size (µm) | 2,9x2,9 |
| Light Sensitivity-G Dark Signal | 921mv with 1/30s 0,15mv with 1/30s |
| FPS/Resolution | 30/2688x1512 (USB) 30/2688x1512 (RED) |
| Exposure | 0,021 ms-1000 ms |

5 DIFFERENT WAYS TO USE

1/ Connect the camera to a computer via micro USB cable.

2/ Operate the camera in WiFi AP mode.

3/ For network applications, multiple cameras connect to the router in WiFi STA mode.

4/ For network applications, multiple cameras connect to the router via LAN port.

5/ For network applications, multiple cameras connect to the router via LAN port or WiFi STA mode.



INCLUDED ACCESSORIES

Code - HGG001

- Optical adapter to attach cameras or tablets with C-mount to microscopes with 23 mm eyepiece tube
- USB to micro USB cable
- 1 GB USB drive with software
- Graduated slide (0.01 mm divisions)
- AC/DC adapter, output 5VDC

Note: To attach this camera to a microscope with a 23 mm tube, it is recommended to use the 0.5X C-mount to 23 mm adapter (Code HGG001).

ANALYSIS AND MICROSCOPY

Slides, Cover Slips, and Storage Boxes



Standard Microscope Slides

Dimensions 76x26 mm.
Standard thickness 1/1,2 mm.

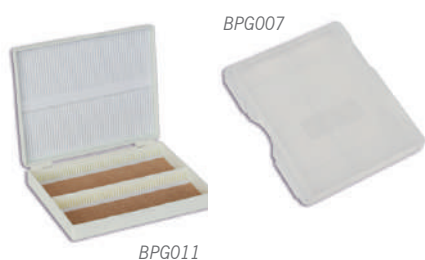
| Code | BPB016 | BPB017 | BPB043 |
|-------|--------|--------|--------|
| Edges | Cut | Ground | Cut |
| Angle | 90° | 90° | 45° |
| Pack | 50 pcs | 50 pcs | 50 pcs |



Square Cover Slips

Made of soda glass, transparent and free of digital marks.
Standard uniform thickness: 0.13–0.16 mm

| Code | Dim. (mm) | Pack |
|--------|-----------|---------|
| BPD003 | 20x20 mm | 100 pcs |
| BPD004 | 22x22 mm | 100 pcs |



Plastic Storage Boxes

Made of plastic to store standard microscope slides 76 x 26 mm.
Larger capacity boxes are stackable (50 and 100 slides).

| Code | Slides | Description | Dim. mm |
|--------|--------|--------------------------------|------------|
| BPG007 | 2 | Hinged opening | 90x70x5 |
| BPG008 | 5 | Hinged opening | 82x28x17 |
| BPG039 | 25 | Hinged opening | - |
| BPG010 | 50 | Hinged opening, numbered slots | 210x83x30 |
| BPG011 | 100 | Hinged opening, numbered slots | 210x163x30 |

ANALYSIS AND MICROSCOPY

Staining Dishes, Neubauer-Improved Chambers, and Cover Slips



Hellendahl Staining Dish

Made of pressed glass, highly resistant. Comes with a glass lid
Capacity: 8 slides vertically.

| | |
|------------|---------------|
| Code | BPL001 |
| Material | Pressed glass |
| For Slides | 76x26 mm |



Coplin Staining Dish

Made of pressed glass, highly resistant. Comes with a glass lid.
Capacity: 10 slides or 20 slides stacked.

| | |
|------------|---------------|
| Code | BPL005 |
| Material | Pressed glass |
| For Slides | 76x26 mm |



Cell Counting Chambers

Depth: 0.100 mm. Volume in 1 mm²: 0.1 μL.
Minimum area: 0.0025 mm². Mainly used for counting erythrocytes, thrombocytes, and leukocytes.
Compliant with DIN 12847 standard.

| Code | Format |
|--------|---|
| ZMB027 | [1] Standard, dark lines, double reticle |
| ZMB028 | [2] With clips, dark lines, double reticle |
| ZMB029 | [3] Light lines, double reticle |
| ZMB050 | [3] With clips, light lines, double reticle |



Cover Slips

Made of soda glass with cut edges.
Thickness: 0.4 mm.

| Code | Dimensions |
|--------|------------|
| ZMB036 | 20x26 cm |
| ZMB037 | 22x22 cm |
| ZMB038 | 24x24 mm |



Packaging
Box of
10 pcs.

ANALYSIS AND MICROSCOPY

Microhematocrit Capillaries



1 | Disposable and easy to seal at one end.

| | | |
|-------------|------------|------------|
| Code | ZMB047 | ZMB048 |
| Volume | 75 μ L | 35 μ L |
| Length | 75 mm | 40 mm |
| Heparinized | No | No |
| Pack | 200 pcs | 100 pcs |

SAMPLE COLLECTION, HANDLING AND PREPARATION

Microtubes for Centrifuge

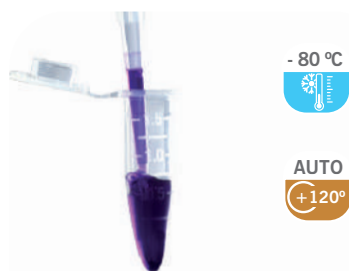


Microtubes, PP

Made of polypropylene (PP), graduated, with conical bottom and a cap attached to the tube body to prevent detachment.

Widely used in various fields, not only for centrifugation but also as simple vials for substance storage.

| Code | Capacity | Color | Units/Bag |
|--------|----------|-------------|-----------|
| BGN004 | 0.5 mL | Transparent | 1000 |
| BGN005 | 1.5 mL | Transparent | 500 |
| BGN025 | 2 mL | Transparent | 500 |
| BGN029 | 5 mL | Transparent | 100 |
| BGN056 | 5 mL | Transparent | 100 |
| BGN057 | 5 mL | Amber | 100 |
| BGN058 | 5 mL | Amber | 100 |



Microtubes, PP - Highy quality

Certified and biologically inert, completely free of DNases, RNases, endotoxins, and pyrogens.

| Code | Cap. | Bottom | Sterile | Packaging |
|--------|--------|---------|---------|-----------------|
| BGN027 | 1,5 mL | Conical | No | Bag of 1000 pcs |

SAMPLE COLLECTION, HANDLING AND PREPARATION

Centrifuge Tubes and Racks



Tubes, PP - Highy quality

Free of DNases, RNases, pyrogens, and endotoxins.
Autoclavable without cap.
Maximum relative centrifugal force (RCF): 10,500 xg

| Code | Capacity | Bottom | Sterile | Pack |
|--------|----------|---------|---------|---------------|
| BGD082 | 15 mL | Conical | No | Bag of 50 pcs |



Polypropylene Racks

Stackable, with alphanumerically labeled holes.

| Code | No. of Holes | Diameter | Layout | Color |
|--------|--------------|----------|--------|-------|
| BJB001 | 90 | 13 mm | 6x15 | White |
| BJB005 | 60 | 16 mm | 5x12 | White |
| BJB006 | 60 | 16 mm | 5x12 | Blue |
| BJB009 | 40 | 20 mm | 4x10 | White |
| BJB010 | 40 | 20 mm | 4x10 | Blue |



"Z" Racks

Made of anodized aluminum, highly durable and resistant to chemical agents.
Arrangement: 10 rows x 5 columns

| Code | No. of Holes | Diameter | Dim. (LxAxH) |
|--------|--------------|----------|---------------|
| BJD002 | 50 | 14,5 mm | 200x110x55 mm |
| BJD003 | 50 | 17,0 mm | 225x120x68 mm |



Dual-Use Racks for Microtubes

Made of high-quality polypropylene. Resistant to chemicals, alcohols, and mild organic solvents.
Stable temperature range: -196°C to +121°C.

| Code | No. of Tubes | Capacity | Color |
|--------|--------------|------------|-------|
| BJL019 | 60 | 0,5/1,5 mL | Blue |
| BJL020 | 60 | 0,5/1,5 mL | Green |
| BJL023 | 96 | 0,5/1,5 mL | Blue |
| BJL024 | 96 | 0,5/1,5 mL | Green |

SAMPLE COLLECTION, HANDLING AND PREPARATION

Screw-Cap Bottles and Wash Bottles



PP Screw-Cap Bottle for Samples

Autoclavable at 121 °C.

Transparent embossed graduation for easier reading.

Screw cap.

| | |
|----------|--------|
| Code | ZMD013 |
| Material | PP |
| Volume | 120 mL |



Packaging
Box of
250 pcs



PE Wash Bottles

Made of low-density polyethylene (LDPE), suitable for contact with food.

Equipped with a tube and removable tip.

| Code | Capacity | Diameter | Height |
|--------|----------|----------|--------|
| CKD008 | 500 mL | 70 mm | 218 mm |
| CKD009 | 1000 mL | 90 mm | 270 mm |



PE Wash Bottles, White Neck

Made of low-density polyethylene (LDPE).

Embossed graduation.

Liquid dispensed by pressure.

| Code | Capacity | Diameter | Height |
|--------|----------|----------|--------|
| CKD017 | 500 mL | 70 mm | 210 mm |
| CKD018 | 1000 mL | 90 mm | 245 mm |

SAMPLE COLLECTION, HANDLING AND PREPARATION

Pipettes and Tips



Plastic Pasteur Pipettes

Made of single-use polyethylene, non-sterile. Supplied in bags of 500 pcs.

| Code | Length | Capacity | Grad. |
|--------|--------|----------|---------|
| DLB010 | 160 mm | 1.0 mL | 0,25 mL |
| DLB011 | 160 mm | 3 mL | 0,50 mL |



ECO-Line Plastic Pasteur Pipettes

Made of low-density polyethylene (LDPE) with good chemical stability. Transparent with embossed graduation. Free of DNases, RNases, pyrogens, and endotoxins.

| Code | Length | Capacity | Pack |
|--------|--------|----------|--------|
| DLB022 | 65 mm | 0.2 mL | B/1000 |
| DLB023 | 126 mm | 0.5 mL | B/1000 |
| DLB024 | 145 mm | 1 mL | B/500 |
| DLB025 | 155 mm | 2 mL | B/500 |
| DLB026 | 155 mm | 3 mL | B/500 |



Variable Volume Micropipettes, UltraLite^{VR}

Integrated tip ejector: incorporates an ejection system that applies just the right force. Autoclavable: can be sterilized in an autoclave at 121 °C and 15 PSI for 15–20 minutes. Quick volume adjustment wheel: allows rapid volume setting via smooth plunger rotation.

| Code | Volume | Increments (µl) | Inaccuracy | | Imprecision | |
|--------|-------------|-----------------|------------|------|-------------|------|
| | | | ± % | ± µL | ± % | ± µL |
| MGB103 | 2-20 µL | 0.02 | 0.8 | 0.16 | 0.4 | 0.08 |
| MGB105 | 10-100 µL | 0.1 | 0.6 | 0.60 | 0.2 | 0.20 |
| MGB106 | 20-200 µL | 0.2 | 0.6 | 1.20 | 0.2 | 0.40 |
| MGB107 | 100-1000 µL | 1.0 | 0.6 | 6.00 | 0.2 | 2.00 |
| MGB108 | 0.5-5 mL | 4.0 | 0.6 | 30.0 | 0.2 | 10.0 |

| VOL | Ultralite VR | 20 L | | 100 L | | 200 L | | | | 1000 L | | | | |
|----------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | MJD011 | MJD012 | MJG005 | MJG006 | MJJ040 | MJJ041 | MJJ043 | MJJ044 | MJN038 | MJN040 | MJN041 | MJN042 | MJN015 |
| 2,0-20 | MGB103 | | | | | | | | | | | | | |
| 10-100 | MGB105 | | | | | | | | | | | | | |
| 20-200 | MGB106 | | | | | | | | | | | | | |
| 100-1000 | MGB107 | | | | | | | | | | | | | |
| 0,5-5 mL | MGB108* | | | | | | | | | | | | | |

SURGICAL AND DISSECTION INSTRUMENTS

Trays and Scalpels



Stainless Steel Tray

Made of AISI 304 stainless steel. Features a smooth, easy-to-clean surface.

| Code | External Dimensions | Internal Dimensions |
|--------|---------------------|---------------------|
| BTN012 | 195x125x45 mm | 145x95x40 mm |
| BTN013 | 245x160x45 mm | 195x130x40 mm |
| BTN014 | 305x195x45 mm | 250x160x40 mm |
| BTN015 | 345x260x60 mm | 280x230x55 mm |
| BTN016 | 395x160x35 mm | 325x115x30 mm |



Scalpel Blades

Made of carbon steel and extremely sharp, requiring minimal pressure for precise cuts. Blades vary not only in size but also in shape; each model is assigned a universal number for identification.

Supplied in boxes of 100 fully sterile, individually packed units. CE Certificate 0434 included.

| Code | Number | For Handle No. |
|--------|--------|----------------|
| FMB012 | Nº 10 | 3 |
| FMB013 | Nº 11 | 3 |
| FMB014 | Nº 15 | 3 |
| FMB015 | Nº 20 | 4 |
| FMB016 | Nº 21 | 4 |
| FMB017 | Nº 22 | 4 |
| FMB018 | Nº 23 | 4 |
| FMB019 | Nº 24 | 4 |

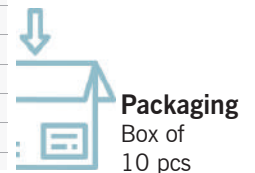


Disposable Scalpels

Supplied in boxes of 10 complete scalpels, with carbon steel blade and plastic handle, fully sterile and individually packed.

CE Certificate 0434 included.

| Code | Number | Length |
|--------|--------|---------|
| FMB004 | 10 | 135 mm |
| FMB005 | 11 | 135 mm |
| FMB006 | 15 | 135 mm |
| FMB007 | 20 | 160 mm |
| FMB008 | 21 | 160 mm |
| FMB009 | 22 | 160 mm |
| FMB010 | 23 | 160 mm. |
| FMB011 | 24 | 160 mm |



SURGICAL AND DISSECTION INSTRUMENTS

Dissection Kits

Kits containing a set of 9 (FMQ002) or 15 (FMQ001) instruments, suitable for clinical use, wound care, minor surgery, etc.



Dissection Kit, 15 Pieces

Code FMQ001

Contents:

| Code | Description |
|--------|---|
| FMD006 | 1 scalpel, 140 mm |
| FMD007 | 1 grooved probe, 140 mm |
| FML011 | 1 Baumgartner needle holder, 140 mm |
| FMB021 | 1 scalpel handle, No. 3 |
| FMB023 | 1 scalpel handle, No. 4 |
| FMN013 | 1 surgical scissors, straight, blunt-sharp |
| FMN004 | 1 surgical scissors, curved, blunt-sharp |
| FMN019 | 1 Mayo scissors, straight, 140 mm |
| FMN018 | 1 Mayo scissors, curved, 140 mm |
| FMJ009 | 1 dissection forceps, 1:2 teeth, 140 mm |
| FMJ002 | 1 dissection forceps, no teeth, 140 mm |
| FML015 | 1 hemostatic forceps, curved, 140 mm |
| FML017 | 1 hemostatic forceps, straight, 140 mm |
| FML005 | 1 Mosquito hemostatic forceps, straight, 130 mm |
| FMD002 | 1 dissection needle, 145 mm |



Dissection Kit, 9 Pieces

Code FMQ002

Contents:

| Code | Description |
|--------|--|
| FMD006 | 1 scalpel, 140 mm |
| FMD008 | 1 grooved probe, 140 mm |
| FML011 | 1 Baumgartner needle holder, 140 mm |
| FMB021 | 1 scalpel handle, No. 3, 125 mm |
| FMB023 | 1 scalpel handle, No. 4, 140 mm |
| FMN013 | 1 surgical scissors, straight, blunt-sharp, 140 mm |
| FMN004 | 1 surgical scissors, curved, blunt-sharp, 130 mm |
| FMJ009 | 1 dissection forceps, 1:2 teeth, 140 mm |
| FMJ002 | 1 dissection forceps, no teeth, 140 mm |
| FMQ006 | 1 carrying case |

PROTECTION AND SAFETY

Trays and Scalpels



Type II Surgical Mask

Rectangular polypropylene mask, 3 layers with 3 folds. Single-use. Ear loops for secure fit and a moldable nose strip for better nose support. 100% latex-free and fiberglass-free.

| | |
|------------|---------------|
| Code | RBJ007 |
| Size | U |
| Dimensions | 17,5 x 9,5 |
| Color | Blue |
| Packaging | Box of 50 pcs |



Nitrile Gloves

100% nitrile, powder-free. Very elastic and ambidextrous. Supplied in boxes of 100 pcs.

| | | | | |
|-------|-------------|-------------|-------------|-------------|
| Code | RBL005 | RBL006 | RBL007 | RBL008 |
| Size | S 6/7 | M 7/8 | L 8/9 | XL 9/10 |
| Color | Cobalt Blue | Cobalt Blue | Cobalt Blue | Cobalt Blue |

The group

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