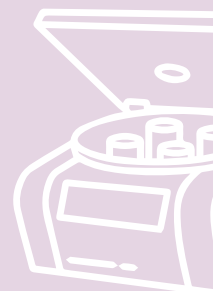


G

CENTRIFUGES

GB - Single-rotor	152
GBF - Digital desktop.....	152
GD - Minicentrifuges	154
GDC - Mini-centrifuges.....	154
GJ - For microtubes	159
GJC - Bench top.....	159
GJF - Bench top, refrigerated	160
GL - Universal	161
GLC - Bench top.....	161
GLF - Bench top, refrigerated	167
GN - High capacity	169
GNC - Bench top.....	169
GNF - Bench top, refrigerated	170



	CODE	MAX. CAPACITY	COOLING	SPEED (rpm)
SINGLE-ROTOR	GBF001	90 mL (6×15 mL)	-	1.000-4.000
	GBF011	180 mL (12×15 mL)	-	500-4.000
	GBF012	180 mL (12×15 mL)	-	500-4.000
	GBF013	120 mL (8×15 / 12×10 mL)	-	300-4.500
	GBF014	120 mL (8×15 / 12×10 mL)	-	300-4.000
	GBF015	90 mL (8×15 / 12×10 mL)	-	300-5.000
MINICENTRIFUGES	GBF016	180 mL (12×15 mL)	-	100-3.500
	GDC008	16 mL (8×2 mL)	-	4.000
	GDC001	16 mL (8×2 mL)	-	7.000
	GDC002	16 mL (8×2 mL)	-	10.000
	GDC009	16 mL (8×2 mL)	-	12.000
	GDC003	16 mL (8×2 mL)	-	4.000 / 7.000 / 10.000
	GDC004	16 mL (8×2 mL)	-	4.000 / 7.000 / 10.000
	GDC005	20 mL (4×5 mL)	-	4.000 / 7.000 / 12.000
	GDC006	30,4 mL (32×0,2 mL + 12×2 mL)	-	500-12.000
	GDC007	16 mL (8×2 mL)	-	7.000
	GDC011	2×microplaca de 96 pocillos	-	300-3.000
	GDC012	24 mL (12×2 mL)	-	10.000
	GDC013	1.5/2.0 mL x 8 / 0.2 mLx16	-	4.000
MICROTUBES	GJC006	24 mL (12×2 mL)	-	5.000-15.000
	GJC007	90 mL (18×5 mL)	-	200-15.000
	GJF002	48 mL (24×2 mL)	Refrigerated	15.000
UNIVERSAL	GLC001	400 mL (4×100 mL / 8×50 mL)	Ventilation	100-6.000
	GLC008	400 mL (4×100 mL / 8×50 mL)	Ventilation	100-6.000
	GLC003	400 mL (4×100 mL)	Ventilation	200-18.000
	GLC002	360 mL (24×15 mL)	Ventilation	500-4.000
	GLC004	240 mL (24×10 mL)	-	100-4.000
	GLC005	50 mL (10×5 mL)	Ventilation	100-15.000
	GLC006	450 mL (15 mLx30)	Ventilation	100-6.000
HIGH CAPACITY	GLC007	400 mL (4 mLx100)	Ventilation	300-6.000
	GLF002	50 mL (10×5 mL)	Refrigerated	100-16.000
	GLF003	400 mL (4×100 mL)	Refrigerated	100-16.000
	GNC001	480 mL (32×15 mL)	Ventilation	100-6.000
	GNC002	1.000 mL (4x250 mL)	Ventilation	200-6.000
	GNC003	2.000 mL (4×500 mL)	Ventilation	200-6.000
	GNF001	400 mL (4×100 mL / 8×50 mL)	Refrigerated	100-6.000
	GNF002	480 mL (32×15 mL)	Refrigerated	200-6.000
	GNF003	1.000 mL (4x250 mL)	Refrigerated	200-6.000
	GNF005	2.000 mL (4×500 mL)	Refrigerated	200-6.000
GNF004	1.000 mL (4×250 mL)	Refrigerated	200-18.000	

MAX. FCR (×g)	SCREEN TYPE	FEEDING CONSUMPTION	DETECTION AUTOMATIC ROTOR
1.790	LED	220V / 50Hz 90W	-
2.300	LCD	220V / 50Hz 120W	-
2.300	LCD	220V / 50Hz 80W	-
2.490	LCD	220V / 50Hz 70W	-
1.900	LED	220V / 60Hz 70W	-
2350	LCD touch screen	110-240V / 50-60Hz 70W	-
2260	LCD	110-240V / 50-60Hz 170W	-
990	-	100-250V / 50-60Hz 12W	-
2.910	-	100-250V / 50-60Hz 18W	-
5.610	-	100-250V / 50-60Hz 25W	-
8.550	-	100-250V / 50-60Hz 30W	-
990 / 2.910 / 5.610	-	100-250V / 50-60Hz 25W	-
990 / 2.910 / 5.610	-	100-250V / 50-60Hz 25W	-
990 / 2.910 / 5.610	-	100-240V / 50-60Hz 66W	-
9.660	LCD	100-250V / 50-60Hz 66W	-
2.680	-	100-250V / 50-60Hz 20W	-
608	LCD	100-250V / 50-60Hz 55W	-
7490	-	100-250V / 50-60Hz 40W	-
980	-	100-240V 50/60Hz 15W	-
15.100	LCD	100-240V 50/60Hz 180W	-
21.380	LCD	100-240V 50/60Hz 200W	-
21.380		200-240V 50/60Hz 500W	
5.150	LCD	220V / 50-60Hz 350W	-
5.150	LCD	220V / 50-60Hz 350W	-
24.100	LCD	AC220V / 50-60Hz 500W	✓
2.500	LCD	100-240V 50/60Hz 500W	
2.250	LED	AC220V / 50-60Hz 110W	-
21.180	LCD	AC220V / 50Hz 450W	✓
5.350	LCD	AC220V / 50Hz 350W	✓
4.100	LCD	AC230V / 50-60Hz 660W	
24.100	LCD	AC220V / 50-60Hz 650W	✓
24.100	LCD touch screen	AC220V / 50-60Hz 750W	✓
5.150	LCD	AC220V / 50-60Hz 450W	✓
5.150	LCD	AC220V / 50-60Hz 650W	✓
5.150	LCD	AC220V / 50-60Hz 650W	✓
5.150	LCD	AC220V / 50-60Hz 550W	✓
5.150	LCD touch screen	AC220V / 50-60Hz 650W	✓
5.150	LCD touch screen	AC220V / 50-60Hz 850W	✓
5.150	LCD touch screen	AC220V / 50-60Hz 850W	✓
23.470	LCD touch screen	AC220V/50-60Hz 850W	✓



▶ GBF - Digital desktop

▶ Digital Angular Series 2615/1



1 | Casing in plastic. Angular rotor. Brush motor. Safety device on the lid. Plastic casing.

Code	GBF001
Capacity (mL)	6x15 (17x120 mm)
Timer (min)	1-60
Speed (rpm)	1000-4000 (500 rpm increment)
Maximum RCF (xg)	1790
Dimensions aprox. (mm)	280x280x250
Power (W)	90
Power supply	220 V AC / 50 Hz
Weight aprox. (Kg)	5

Compatible accessories, not included



Accessory kit
Code GBK001



Tube adapter
Code GBK002



Tube adapter
Code GBK003

Recommended tubes

15 mL Falcon tubes, PP

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

▶ Digital Angular 2650



1 | Angular rotor in painted aluminium. Digital Pourmeter adjustment. Suction cup feet.
2 | Oven-painted steel casing. Hinged methacrylate cover with locking anchor. Lid contact switch and electromagnetic lock.

Code	GBF011	GBF012
Model	2650-D	2650-D+
Motor	With brushes	Induction (brushless)
Capacity (mL)	12 tubes of 15 (17x120 mm)	
Speed (rpm)	500-4000 (Increment of 50 rpm)	
Maximum RCF (xg)	2300 (Increment of 10xg)	
Dimensions (mm)	330x285x270	
Power supply	220 V / 50 Hz	
Power (W)	120	80
Weight (kg)	9,75	

Compatible accessories, not included



Tube adapter*
Code GBK003
Dimensions 13x75 mm



Tube holder
Code GBK015**

Recommended tubes

15 mL Falcon tubes, PP

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

* pages 17

*For tubes of 13x75 mm with the option of removing the end cap when using tubes of 13x100 mm.
** included with rotor



GBF - Digital desktop

Digital Angular RS-0412

RS Lab

- 1 | Audible alarm function. It also features lid locking, detection for overspeed, detection for overheating, and automatic internal diagnostics.
- 2 | It has rapid acceleration and braking, estimated at 20 seconds.
- 3 | Brushless, maintenance-free engine.

Code	GBF013
Capacity	8 tubes of 15 mL (17x120 mm) 12 tubes of 10 mL (16x107 mm)
Speed (rpm)	300-4500 (100 rpm increment)
Maximum RCF (xg)	2490
Dimensions (mm)	354×304×215
Power supply	220 V / 50 Hz
Power (W)	120
Weight (kg)	6



Digital Angular RS-0408

RS Lab

- 1 | Low-speed centrifuge, highly versatile, suitable for various clinical and biochemical applications for analyzing serum, plasma, blood, and urine quality. It comes with three preset programs (blood, urine, and feces).
- 2 | Compact, quiet device equipped with an LED screen.
- 3 | Brushless induction motor, maintenance-free. Automatic diagnosis and self-detection.
- 4 | Acceleration ramps (25 s) and deceleration ramps (35 s).

Code	GBF014
Capacity	8 tubes of 15 mL (17x120 mm) 12 tubes of 10 mL (16x107 mm)
Timer (min)	1-99 / HOLD (continuous work)
Speed (rpm)	300-4000 (stages of 100)
Maximum RCF (xg)	1900
Power supply	AC 100-240 V / 50 HZ - 60 HZ
Dimensions aprox. (mm)	367 x 286 x 227
Weight aprox. (Kg)	9,2



Digital Angular RS-0506

RS Lab

- 1 | Widely used in the medical industry. Ideal for the separation of serum, plasma, urine, and fecal samples.
- 2 | Automatic lid unlocking after use. Equipped with a maintenance-free brushless DC motor.
- 3 | Two programs P1/P2, easy startup of the process with one touch.
- 4 | Two deceleration speeds to meet different needs.
- 5 | Easy-to-read LCD screen and audible alarm.

Code	GBF015
Capacity	6 Falcon tubes 15 mL (without adapter) 6 Vacutainer tubes 16x107 mm (without adapter) 6 Vacutainer tubes 13x75 mm (with orange adapter) 6 Vacutainer tubes 13x100 mm (with orange adapter) 6 microtubes 1,5 mL/2 mL (with white adapter)
Timer (min)	30 s – 99 minutes / continuous
Speed (rpm)	300 – 5000 (stages of 100)
Maximum RCF (xg)	2350 (stages of 10 g)
Power	70 W
Power supply	110 V-240 V, 50/60 Hz
Dimensions aprox. (mm)	300x240x180
Weight aprox. (Kg)	5,2 kg





GDC - Mini-centrifuges

Digital Angular Series 2507



- 1 | Transparent visible top cover.
- 2 | Silicone rubber damping pad.
- 3 | Ergonomically designed and easily accessible swivel latch.
- 4 | Compact size. The lid design allows for easy opening by pressing the release button without compromising safety: the rotor will stop automatically when the lid is opened.



Code	GDC008	GDC001	GDC002	GDC009
Model	2507/4	2507/7	2507/11	2507/30
Speed	4000rpm ±3%	7000rpm ±3%	10000rpm ±3%	12000rpm ±5%
RCF	990 ×g	2910 ×g	5610 ×g	8550 ×g
Capacity	See available rotors			
Weight	1.1Kg			
Dimensions	155×168×118 mm			
Power supply	100-250V/50-60 Hz			
Power	12 W	18 W	25 W	30 W

THREE SPEEDS

Code	GDC003	GDC004*
Model	2507/15	2507/25
Speed	4000/7000/10000rpm ±3%	
RCF	990/2910/5610 ×g	
Capacity	See available rotors	
Weight	1.1 Kg	
Dimensions	155×168×118 mm	
Power supply	100-250V/50-60 Hz	
Power	25 W	25 W

* car model

Rotors included



Angular rotor | GDF007
1.5/2 mL×8
4000 rpm/990 ×g
7000 rpm/2910 ×g
10000 rpm/5610 ×g



Angular rotor | GDF010
0.2 mL×8×4
4000 rpm/536 ×g
7000 rpm/1643 ×g
10000 rpm/3354 ×g



Angular rotor | GDF013
1.5 mL×6+0.5 mL×6+0.2 mL×8×2
4000 rpm/912 ×g
7000 rpm/2793 ×g
10000/5701 ×g



Microhaematocrit rotor | GDF005*
20 ul×12
12000 rpm y 8371 ×g
Capillary length 40 mm
* For use with reference GDC009 only.

ADAPTERS INCLUDED



Adapter | GDF001
0,2 mL tubes



Adapter | GDF002
0,5 mL tubes



Capillary reading card | GDF018*
only for fixed speed models
* not valid for 3-speed models
Included in GDC009

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
Microtube strip of 8×0,2 mL	BGN006



GDC - Mini-centrifuges

Model Fugevet +



- 1| Versatile, with three speeds in one, 4-7-10,000 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 hematocrits.
- 2| Easy to use with “soft start” and “soft stop” functions. Design prevents droplets from sticking to the tube walls.
- 3| Suitable for use with microfiltration tubes, rapid centrifugation, microscale blood cell separation, bacterial pellet processing, and partition centrifugation in PCR techniques.
- 4| It's the ideal centrifuge for personal use, always ready to centrifuge small samples when needed.



Code	GDC005
Capacity	Rotor for 12 microhematocrit tubes Rotor for 8 microtubes: 8x1.5/2 mL, 8x0.5 mL*, 8x0.2 mL* Angular rotor 6x1,5/2 mL + 6x0,5 mL + 2 strips PCR 8x0,2 mL Rotor for 4 cryotubes: 4x5 mL, 4x1.8 mL* Strip rotor (4 strips of 8x0.2 mL)
Speed (rpm)	4000/7000/12000
RCF (xg)	990/ 2910/ 5610
Dim. aprox. (mm)	155 x 175 x 125
Power supply	AC 85-240 V, 50/60 Hz
Power (W)	66
Weight (kg)	0,8

* using the included adaptors

ROTORS INCLUDED IN THE EQUIPMENT

				
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	Microhaematocrit rotor GDF005 20ul×12 12000rpm y 8371 ×g Capillary length 40 mm	Angular rotor GDF006 4 cryotubes x 5mL 7000rpm / 3180×g

ADAPTERS AND ACCESSORIES INCLUDED

 Adapter GDF001 0,2 mL tubes	 Adapter GDF002 0,5 mL tubes	 Capillary reading card GDF018 fixed speed models
--	--	--

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
Microtube strip 8 x 0,2 mL	BGN006
Capillary microhaematocrit	ZMB048



▶ GDC - Mini-centrifuges

▶ MiniFuge-GD06



- 1 | Compact and stable structure, great versatility, and easy access, as well as smooth start and gradual braking. LCD screen.
- 2 | Faster acceleration/deceleration speed allows for finishing the experiment in less time. "Click" type rotor exchange system.
- 3 | With the safety system on the lid, as well as the detection system for excessive speed and imbalance, safe operation of the equipment is guaranteed.

Code	GDC006
Speed (RPM)	500-12.000
RCF max. (xg)	9660
Speed (rpm)	12.000
Timer	1-8 min. / 1-59 sec.
Dimensions (LxAxH) (mm)	194×229×120
Power (W)	66
Power supply	AC 100 - 250 V / 50/60 Hz
Weight (kg)	2

ROTORS INCLUDED IN THE EQUIPMENT



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



Rotor 4 cryotubes | GDF006
5/1.8/1.1mL×4
7000rpm/3180×g



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

ADAPTERS AND ACCESSORIES INCLUDED



Adapter | GDF001
0,2mL tubes



Adapter | GDF002
0,5 mL tubes



Adapter | GDF017
1.1/1.8 mL tubes



Capillary reading card | GDF018
only for fixed speed models

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
Strip of microtubes of 8×0.2 mL	BGN006
5mL Eppendorf tube	BGN029
Capillary microhaematocrit	ZMB048



▶ GDC - Mini-centrifuges

▶ Model RS-1008

RS Lab

- 1 | This centrifuge is ideal for quick spins, sample microfiltration, cell separations, and many other common laboratory procedures.
- 2 | Easy to operate with a dual start/stop function.
- 3 | Secure, durable, and robust rotor with a clip-lock design.
- 4 | Quick-change rotor without any tools.

Code	GDC007
RCF max. (xg)	2680
Max. speed (rpm)	7000
Capacity	8 tubes of 0.2 / 0.5 / 1.5 / 2.0 mL 4 PCR strips of 8 microtubes of 0.2 mL
Timer	Continuous operation
Dim.(LxAxH) (mm)	160x170x122
Weight (kg)	0,5
Power (W)	20
Power supply	AC 110-240 V; 50/60 Hz



Rotors, included in the equipment — Adapters, included in the equipment



| Angular rotor

8 tubes of 2 mL, 1.5 mL



| Rotor strips PCR

4 strips of 8 microtubes PCR 0.2 mL, 0.5 mL, 0.2 mL



| 8 adaptors

For microtubes of 0.5 mL



| 8 adaptors

For microtubes of 0.2 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
Microtube strip 8 x 0,2 mL	BGN006

▶ Mini centrifuge D1012UA

D LAB

- 1 | OLED screen from which speed and time can be modified. Screen buttons can adjust motor start/stop, supporting soft braking and instant stop modes.
- 2 | Brushless DC motor, smooth and silent operation.

Code	GDC012
RCF max. (xg)	7490
Max. speed (rpm)	10000
Capacity	12 x 0,5/1,5/2,0 mL 44 x 0.2 mL PCR tubes 4 PCR strips of 8 x 0.2 mL
Timer	Continuous operation
Dim.(LxAxH) (mm)	210x180x130
Weight (kg)	1,5
Power (W)	40
Power supply	AC100-240V/50Hz/60Hz





▶ GDC - Mini-centrifuges

▶ Centrifuge for microplates



- 1| Features gradual start and stop. Instant centrifugation function reaching maximum speed in 6 seconds. Over-speed and imbalance detection system.
- 2| Designed for small-capacity 96 or 384-well microplates, as well as PCR tube strips, with an adapter (included).
- 3| Full-segment LCD screen. Quiet and stable operation. Transparent top cover.
- 4| The P-X microplate centrifuge is specially designed to quickly and efficiently centrifuge standard microplates with or without rims.
- 5| Lid opening button, with an instant centrifugation function reaching maximum speed in 6 seconds.

Code	GDC011
Model	P-X
Speed (rpm)	300-3000 (± 15 rpm)
RCF max. (xg)	608
Timer	1-99 min. / 1-59 sec.
Capacity	2×96-well microplates/ELISA plates
Weight	3,9 Kg
Dimensions (LxAxH) (mm)	225x255x215
Power (W)	55
Power supply	AC 100 - 250 V / 50/60 Hz

ADAPTER INCLUDED



Adapter PCR8 | GDF019
Adapter for PCR strips 8x0.2 mL

SEALING FILMS FOR PLATES

Code	BRD011	BRD012	BRD013
Sealing	Pressure sensitive	Self-adhesive	Pressure sensitive
Dimensions	116.5 mm x 77mm.	116.5 mm x 80mm.	116.5 mm x 80mm.
Material	PP	PET	PP
Temperature range	-70°C a 110°C	-20°C a 100°C	-70°C a 110°C

RECOMMENDED PLATES

96-well plate	BGN039, BGN040, BGN041, BGN042, BGN043, BGN044, BGN045, BGN046, BGN047
Microtube strip 8 x 0,2 mL	BGN006



GJC - Bench top

Model HiFuge-GJ6

RS Lab

- 1 | Metal base, plastic body, and cover. Compact and silent design.
- 2 | Plastic angular rotor for 12 microtubes of 1.5 and 2 mL, with cover. Backlit LCD screen.
- 3 | Option to program speed or centrifugal force (RCF). Pulse function.
- 4 | Several safety features. Manual lid opening in case of blockage.
- 5 | Brushless, maintenance-free continuous current engine.
- 6 | GJM002 and GJM003 adapters for 0.2 mL and 0.5 mL tubes respectively (not included).
- 7 | IVD certificate.

Code	GJC006
Speed (rpm)	500-15000 (100 rpm increment)
RCF range (xg)	100-15100 (Increment of 100 xg)
Timer	30 sec – 99 min + mode HOLD mode for continuous operation
Maximum capacity (mL)	12 x 2
Acceleration / braking (s)	11 / 9
Dimensions (LxAxH)	270 x 250 x 170 mm
Power (W)	180
Weight (kg)	4,6



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

Model D3024

D LAB

- 1 | The dual air cooling design ensures rapid cooling of the rotor and low energy consumption.
- 2 | Brushless engine requiring no maintenance. Safety features include lid locking, detection of excessive speed and temperature, as well as automatic self-diagnosis.
- 3 | Rotors with 3-layer sealing ensure safe centrifugation.
- 4 | Excellent rotors made of aluminum alloy, fully sterilizable in autoclave at 121°C.

Code	GJC007
Speed (rpm)	200-15000 (10 rpm increment)
RCF max. (xg)	21380 (Increment of 10 xg)
Timer	30 sec. - 99 min. / Continuous operation
Maximum capacity (mL)	90 mL (18 x 5 mL)
Acceleration / braking (s)	25 / 25
Dimensions (LxAxH)	365x277x275 mm
Power (W)	200
Weight (kg)	13



ROTOR INCLUDED



Angular rotor | GJK014
24 x 1.5/2mL
Microtubes of 0.2 and 0.5 mL can be centrifuged using adapters ref. GJM002 and GJM003, respectively.

ROTORS NOT INCLUDED - COMPATIBLE



Angular rotor |
GJK012
0.5 mL x 18



Angular rotor |
GJK013
5 mL x 12



Angular rotor |
GJK015
0.5 mL x 36



Angular rotor |
GJK016
0,2 mL x 8X4





▶ GJF - Bench top, refrigerated

▶ High-speed refrigerated centrifuge RS-1524 **RS Lab**



- 1 | Ideal for centrifuging temperature-sensitive samples, such as cells or proteins. Suitable for many applications, including precipitation of DNA and RNA samples, precipitation of PCR-amplified nucleic acids, separation of antibody and protein precipitates, performing enzymatic tests, removing cellular debris from cell homogenates, and achieving fractionation of bacterial and yeast cells.
- 2 | Safety: double lock on the lid, overspeed detection, overheating detection with internal diagnostic system. Alarm for rotor imbalance.
- 3 | Motor type: DC, brushless. Refrigerant gas type: R290.
- 4 | Pre-cooling time of only 7 minutes from ambient temperature to 4°C.
- 5 | Acceleration/deceleration in 9 steps, allowing for gentle braking at low speeds for better separation.

Code	GJF002
Max. RCF (xg)	21.380 (increments of 10 xg)
Speed (rpm)	15000 (increments of 100 rpm)
Capacity	1.5/2 mL×24; 0.5 mL×36; PCR8×4; 5 mL×12; 5 mL×18.
Temperature setting (°C)	-20 / +40
Timer	30 s / 99 min (Continuous operation)
Acceleration / Deceleration (s)	25
Dimensions (LxAxH) (mm)	332 x 553 x 283
Weight (kg)	30
Power (W)	500
Power supply	200-240 V; 50 Hz

ROTOR INCLUDED



Angular rotor | GJK014
24x1,5/2 mL

NOT INCLUDED



Angular rotor | GJK012
0.5 mL×18



Angular rotor | GJK013
5 mL×12



Angular rotor | GJK015
0.5 mL×36



Angular rotor | GJK016
0,2 mL×8X4

NOTE: all rotors with biosafety lid



▶ GLC - Bench top

▶ Medibas+ centrifuge mod. 2741



- 1 | Housing and base made of steel with an inner tank of stainless steel.
- 2 | Metal base lid with a suspension mechanism and window. Digital control by microprocessor, LCD screen, and single control selector.
- 3 | Included autoclaveable swing rotor and autoclaveable tube holder for the use of different tubes. Electromechanical lock that prevents the lid from opening during centrifugation.
- 4 | Manual lid opening in case of power failure. Safety system that automatically stops the equipment if the maximum speed is exceeded.
- 5 | Speed programming in RPM or RCF.
- 6 | Maintenance-free induction motor. The motor is controlled by an advanced and reliable sinusoidal vector FOC system that can accurately control speed, time, and relative centrifugal force (RCF).



Code	GLC001
Capacity	400 mL
Timer (min)	1-99 hours / 1-59 minutes / 1-59 seconds
Speed (rpm)	100-6000
RCF (g)	5150 ×g (increments of ×g)
Acceleration ramps	1-9
Braking ramps	0-9
Memory	30 custom programs
Power supply	220 V / 50-60 Hz
Power (W)	350
Approx. dimensions (mm)	390×500×320
Approx. weight (Kg)	30

INCLUDED



Swing out rotor | GLK014
5000 rpm/3040 ×g

INCLUDED





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

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

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

NOT INCLUDED




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

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

ANGULAR ROTOR - NOT INCLUDED



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 plates × 2 × 96
4000 rpm/2860 ×g

ADAPTERS AND TIPS - NOT INCLUDED



Tip | GLK009
3 mL



Adapter | GLK010
5 mL



Adapter | GLK011
8 mL



Tip | GLK012
15 mL



Tip | GLK013
50 mL



GLC - Bench top

▶ Digital Centrifuge RS-0424



- 1 | Versatile equipment that can be used in clinical and biochemical applications for analyzing serum, plasma, blood, and urine quality.
- 2 | Compact and convenient, with an LCD screen. The equipment comes with 3 customizable routine programs (blood, urine, and stool).
- 3 | 3 levels of acceleration and 4 levels of deceleration.
- 4 | Automatic diagnosis and self-detection.
- 5 | Maintenance-free brushless DC motor.

Code	GLC002
Max RCF (xg)	2500
Speed (rpm)	500-4000 (increments of 100 rpm)
Capacity	4x50 mL oscillating rotor (code GLH008)
	6x15 mL oscillating rotor (code GLH009)
	24x15 mL angular rotor (code GLH010)
	12x10 mL/8x15 mL angular rotor (réf. GLH011)
Timer	1 s / 99 min (Continuous operation)
Programs	Blood: 3200 rpm, 10 min.
	Urine: 1800 rpm, 5 min.
	Stool: 1300 rpm, 10 min.
Acceleration/Deceleration (s)	3 / 4 stages
Dimensions (LxAxH) (mm)	440 x 364 x 268
Weight (kg)	14,5
Power (W)	500
Power supply	110-240 V; 50/60 Hz

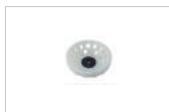
Rotors, not included with the equipment



| Oscillating rotor
Code GLH008
Max. speed: 4000 rpm
Capacity 4x50 mL



| Oscillating rotor
Code GLH009
Max. speed: 4000 rpm
Capacity: 6x15 mL



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

Code	Description	Max. speed
GLH008	Oscillating rotor 4x50 mL	4000 rpm
GLH009	Oscillating rotor 6x15 mL	4000 rpm
GLH010	Angular rotor 24x15 mL	4000 rpm
GLH011	Angular rotor 8x15 mL; 12x10 mL	4000 rpm
GLH012	Angular rotor 8x15 mL	-



GLC - Bench top

High speed, Model 2811



- 1| Compatible with angular rotors of different capacities and tube numbers. Steel housing and base. Stainless steel inner bucket and safety chamber made of steel between the bucket and the cabinet. Metal base lid with suspension mechanism and window.
- 2| Manual lid opening in case of power failure. Safety system that automatically stops the device if the maximum speed is exceeded.
- 3| Speed programming in rpm or RCF. Maintenance-free induction motor. The motor is controlled by an advanced and reliable vector control system of sinusoidal pulse width modulation (FOC) that can precisely control the speed, time, and relative centrifugal force (RCF). Automatic rotor detection.



Code	GLC003
Speed (rpm)	200-18000 (10 rpm increment)
RCF max. (xg)	24100 (Increment of 10 xg)
Timer	1-99 h. / 1-59 min. / 1-59 sec.
Maximum capacity	400 mL
Acceleration/braking ramp	1-9 / 0-9
Memory	10 custom programme (5 external quick access buttons)
Weight	35 Kg
Dimensions (LxAxH) (mm)	500x390x330
Power (W)	500
Power consumption	220V / 50-60 Hz



ANGULAR ROTORS COMPATIBLE WITH THE UNIT - NOT INCLUDED



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



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



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



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



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



Angular rotor | GLK025
50 mL×6
12000rpm/16500×g



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



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



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



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

INCLUDED WITH GLK016, GLK042, GLK021 ROTORS



Adapter | GDF001
0,2 mL tubes



Adapter | GDF002
0,5 mL tubes

Compatible adaptors - NOT INCLUDED



Adapter | GDF014
15 mL



Bottom pad | 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
Microtube strip 8 x 0,2 mL	BGN006
50 mL Falcon tubes	BGD011, BGD085, BGD086, BGD087, BGD072, BGD026, BGD040, BGD034
15 mL Falcon tubes	BGD010, BGD082, BGD083, BGD084, BGD024, BGD025, BGD039, BGD029, BGD030,



GLC - Bench top

Digital Angular Fugelab-GB10



- 1| Tabletop angular centrifuge controlled by a microprocessor and equipped with a maintenance-free induction motor, for centrifugation of a wide range of tubes for centrifugation of a wide range of tubes, including sizes from 5 mL to 15 mL.
- 2| With digital programming via a LED display and an easy-to-use keyboard, the device can be programmed in rpm or RCF and has memory of the last centrifugation program.
- 3| It features a wide metal base and sturdy legs for secure attachment to the work surface, allowing it to carry out centrifugation programs in a completely stable and silent manner. Recommended for routine laboratory techniques such as cell suspension concentration, serum or plasma separation, etc.

Code	GLC004
Speed (RPM)	100-4000 (10 rpm increment)
RCF max. (xg)	2250 (Increment of 10 xg)
Timer	1-99 min.
Capacity	240 mL
Weight	16 Kg
Dimensions (LxAxH) (mm)	485x375x290
Power (W)	110
Power supply	220VAC / 50-60 Hz

ANGULAR ROTOR INCLUDED



Angular rotor | GBK016
12x15 mL
4000rpm / 2250 xg

Compatible rotors - NOT INCLUDED



Angular rotor | GBK021
18x10 mL
4000rpm / 2250 xg



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

COMPATIBLE ADAPTERS - NOT INCLUDED



Adapter | GBK002
13x100mm tubes



Adapter | GBK003
13x75mm tubes

RECOMMENDED TUBES

15 mL Falcon tubes

BGD010, BGD082, BGD083, BGD084, BGD024, BGD025, BGD039, BGD029, BGD030



▶ GLC - Bench top

▶ High-speed centrifuge 2624/2



- 1| Brushless maintenance-free variable frequency induction motor, with a speed range of 100-15000 rpm and a precision of ± 20 rpm.
- 2| The high-strength materials of the centrifuge and rotor can withstand various chemical corrosions.
- 3| A single large-size digital LCD screen, with clear and crisp operating parameters. A single-button adjustment of speed/RCF parameters and mutual conversion facilitates quick adjustment and real-time display of relative centrifugal force during operation.
- 4| The single-button rotary control allows for quick parameter changes. When the operation is completed, errors or imbalances occur, a sound signal is emitted, and the operation stops simultaneously. The screen displays an error code.
- 5| Automatic recognition and detection of imbalance of the rotary rotor and relative centrifugal force (RCF).



Code	GLC005
Speed (rpm)	100-15000 (10 rpm increment)
RCF max. (xg)	21180 (Increment of 10 xg)
Timer	1-99 min. / 1-59 sec.
Maximum capacity	50 mL
Acceleration ramp	1-9
Brake ramp	0-9
Memory	30 customised programmes
Weight	17 Kg
Dimensions (LxAxH) (mm)	280x360x250
Power (W)	450
Power supply	220V / 50-60 Hz

ANGULAR ROTORS COMPATIBLE WITH THE UNIT - NOT INCLUDED



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



Rotor microhématocrite | GLK017
50 µl×24
12000rpm/13600×g



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



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



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

INCLUDED WITH ROTOR GLK027



Adapter | GDF001
0,2 mL tubes



Adapter | GDF002
0,5 mL tubes

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
Microtube strip 8 x 0,2 mL	BGN006



▶ GLC - Bench top

▶ Low speed Model 2831



- 1 | Compatible with oscillating and angular rotors. Automatic recognition of the rotor. Imbalance detection.
- 2 | Speed adjustment in rpm or RCF.
- 3 | Brushless maintenance-free variable frequency continuous current motor, with a speed range of 100-6000 rpm and a precision of ± 20 rpm.
- 4 | The motor is controlled by an advanced and reliable sinusoidal pulse width modulation (FOC) vector control system that can precisely control speed, time, and relative centrifugal force.
- 5 | Can store 30 customized programs.
- 6 | With multiple acceleration and deceleration ramps to meet different experimental requirements. Safety system in case of exceeding the speed.

Code	GLC006
Speed	100-6000 rpm (Increment of 10 rpm)
RCF	5350×g (Increment of 10×g)
Timer	1-99 h./1-59 min./1-59 sec.
Maximum capacity	450 mL (15 mL×30)
Weight	26 Kg
Dimensions	450x365x315 mm
Power supply	AC220 V / 50 Hz
Power	350 W

INCLUDED



Swing out rotor | GLH013
4000rpm/2736×g

NOT INCLUDED



Tube holder | GLK043
100 mL×4
4000rpm/2720×g



Tube holder | GLK044
50 mL×4
4000rpm/2665×g



Tube holder | GLK045
15 mL×8
4000rpm/2736×g

NOT INCLUDED IN THE EQUIPMENT



Angular rotor | GLK041
15 mL×12
6000rpm/5350×g



Angular rotor | GLH014
15 mL×24
5000rpm/3690×g



Angular rotor | GLH015
15 mL×30
5000rpm/4050×g



Angular rotor | GLH016
20 mL×12
5000rpm/3800×g



Angular rotor | GLH017
50 mL×6
6000rpm/4346×g



Rotor for microplates | GLH018
2 microplaques ×2×96
4000rpm/1770×g



Bottom pad | GLK012
15 mL



Bottom pad | GLK013
50 mL

RECOMMENDED TUBES

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, BGD035
BGD036, BGD037, BGD038

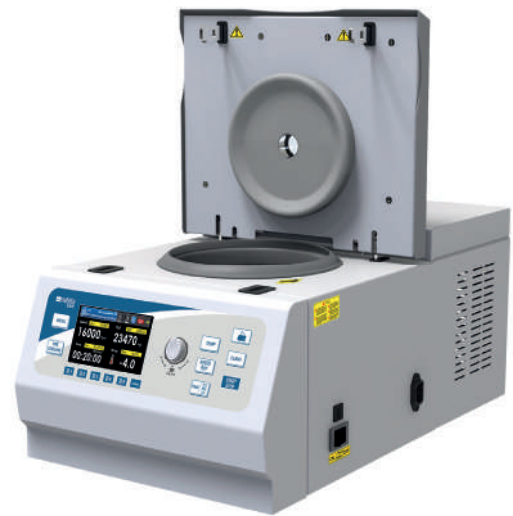


GLF - Bench top, refrigerated

High-speed refrigerated, 2821R



- 1 | Stainless steel chamber coated with Teflon, robust construction, suitable for continuous use.
- 2 | Maintenance-free brushless variable frequency induction motor. The motor is controlled by an advanced and reliable sinusoidal pulse width modulation (FOC) vector control system that can precisely control speed, time, and relative centrifugal force (RCF).
- 3 | A single large digital LCD screen, with clear and crisp operating parameters. A button for adjusting speed/RCF parameters and mutual conversion facilitates quick adjustment and real-time display of relative centrifugal force during operation.
- 4 | Single-button rotary control allows for quick parameter changes.
- 5 | Automatic recognition and detection of imbalance of the rotating rotor to ensure centrifugation safety.



Code	GLF002
Speed (rpm)	100-16000 (10 rpm increment)
FCR max. (xg)	24100 (Increment of 10 xg)
Timer	1-99 h. / 1-59 min. / 1-59 sec.
Temperature range	-20 °C / +40 °C
Max. temperature at máx. speed	0 °C
Acceleration and braking ramps	1-9 / 0-9
Memory	10 customised programmes (5 external buttons for quick access)
Maximum capacity	50 mL
Weight	47 Kg
Dimensions (LxH) (mm)	360x600x285
Power (W)	650
Power supply	220VAC / 50-60 Hz

ANGULAR ROTORS COMPATIBLE WITH THE UNIT - NOT INCLUDED



Angular rotor | GLK027
1.5/2 mL x 24
16000rpm/24100xg



Microhaematocrit rotor | GLK017
50 µL x 24
12000rpm/13600xg



Angular rotor | GLK018
5 mL x 10
16000rpm/18140xg



Angular rotor | GLK028
0.2 mL x 8 x 4
14800rpm/16200xg



Angular rotor | GLK029
0.5 mL x 36
15000rpm/16350xg

ACCESSORIES - INCLUDED WITH THE GLK027 ROTOR



Adapter | GDF001
0,2 mL tubes



Adapter | GDF002
0,5 mL tubes



Capillary reading card | GLL001
Used with the GLK017 microhaematocrit rotor in the 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
Microtube strip 8 x 0,2 mL	BGN006



GLF - Bench top, refrigerated

High speed refrigerated, 2811R



- 1 | Compatible with angular rotors of different capacities and tube numbers.
- 2 | Steel housing and base. Stainless steel inner chamber and steel safety chamber between the chamber and the cabinet.
- 3 | Equipped with an environmentally friendly R134a gas compressor SECOP® for optimal chamber cooling, with start/stop function that turns off when an open lid is detected and restarts when closed.
- 4 | Electromechanical closure preventing lid opening during centrifugation.
- 5 | Manual lid opening in case of power failure. Safety system that automatically stops the device if the maximum speed is exceeded.
- 6 | Speed programming in rpm or RCF. Maintenance-free induction motor. The motor is controlled by an advanced and reliable sinusoidal pulse width modulation (FOC) vector control system that can precisely control speed, time, and relative centrifugal force (RCF).



Code	GLF003
Speed (rpm)	200-16000 (10 rpm increment)
RDF max. (xg)	24100 (Increment of 10 xg)
Timer	1-99 h. / 1-59 min. / 1-59 sec.
Temperature range	-20 °C / +40 °C
Min. temperature at max. speed	0 °C
Acceleration and braking ramps	1-9 / 0-9
Memory	30 customised programmes (5 external buttons for quick access)
Maximum capacity	400 mL
Weight	60 Kg
Dimensions (LxAxH) (mm)	493x584x345
Power (W)	750
Power supply	220V / 50-60 Hz

ANGULAR ROTORS COMPATIBLE WITH THE UNIT - NOT INCLUDED



Angular rotor | GLK016
1.5/2 mLx24
16000rpm/2410 xg



Angular rotor | GLK020
0.5 mLx36
15000rpm/16350 xg



Angular rotor | GLK022
5 mLx12
16000rpm/18890 xg



Angular rotor | GLK019
0.2 mLx8x4
14800rpm/16200 xg



Angular rotor | GLK024
15 mLx8
13000rpm/17570 xg



Angular rotor | GLK025
50 mLx6
12000rpm/16500 xg



Angular rotor | GLK026
100 mLx4
12000rpm/15940 xg



Angular rotor | GLK023
10 mLx12
13000rpm/15315 xg



Angular rotor | GLK042
1.5/2 mLx36
14000rpm/17970 xg

INCLUDED WITH GLK016, GLK042 ROTORS



Adapter | GDF001
0,2 mL tubes



Adapter | GDF002
0,5 mL tubes

Compatible adaptors - NOT INCLUDED



Adapter | GDF014
15mL



Bottom pad | GDF015
50mL

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
Microtube strip 8 x 0,2 mL	BGN006
50 mL Falcon tubes	BGD011, BGD085, BGD086, BGD087, BGD072, BGD026, BGD040, BGD034
15 mL Falcon tubes	BGD010, BGD082, BGD083, BGD084, BGD024, BGD025, BGD039, BGD029, BGD030



GNC - Bench top

Low speed Multibas+, 2751



- 1 | Compatible with angular and oscillating rotors, allowing for a greater variety of tube types to be used.
- 2 | Steel housing and base. Stainless steel inner chamber with a safety chamber between the chamber and the cabinet. Metal base lid with suspension mechanism and window.
- 3 | Digital control by microprocessor, backlit LCD screen, and single-handle selector.
- 4 | Electromechanical lock preventing the lid from opening during centrifugation.
- 5 | Manual lid opening in case of power failure. Safety system that automatically stops the device if the maximum speed is exceeded.
- 6 | Maintenance-free induction motor. The motor is controlled by an advanced and reliable sinusoidal pulse width modulation (FOC) vector control system that can precisely control speed, time, and relative centrifugal force (RCF).



Code	GNC001
Speed (rpm)	100-6000 (10 rpm increment)
RDF max. (xg)	5150 (Increment of 10 xg)
Timer	1-99 h. / 1-59 min. / 1-59 sec.
Acceleration and braking ramps	1-9 / 0-9
Memory	10 customised programmes
Maximum capacity	480 mL
Weight	36 Kg
Dimensions (LxAxH) (mm)	418x56x338
Power (W)	450
Power supply	220V / 50-60 Hz

INCLUDED



Swing out rotor | GNP011
5000rpm/4980xg

NOT INCLUDED



Tube holder | GNP003
100 mLx4
5000rpm/4600 xg



Tube holder | GNP004
50 mLx4
5000rpm/4980 xg



Tube holder | GNP005
50 mLx8
4000rpm/3040 xg



Tube holder | GNP006
10/15 mLx24
4000rpm/3040 xg



Tube holder | GNP007
10/15 mLx32 / 4000rpm/3040 xg



Tube holder | GNP008
5 mLx48 / 4000rpm/3040 xg



Tube holder | GNP009
3/5/7 mLx72 / 4000rpm/3040 xg

ANGULAR ROTORS NOT INCLUDED



Angular rotor | GLK006
15 mLx12
6000rpm/5150xg



Angular rotor | GLK007
50 mLx8
6000rpm/5150xg



Angular rotor | GLK008
15 mLx30
5000rpm/4100xg



Rotor for microplates | GNP010
4 microplaques x2x96 // 2 Deep well plates x2x96
4000rpm/2860xg

BOTTOM PADS AND ADAPTERS



INCLUDING
Bottom pad | GLK009
3 mL



Bottom pad | GLK012
15 mL



Bottom pad | GLK013
50 mL



Adapter | GLK015
15 mL



Adapters |
Code Cap.
GLK010 5 mL
GLK011 8 mL



▶ GNC - Bench top | GNF - Bench top, refrigerated

▶ HiCap+ low speed, 2761



- 1 | Compatible with angular and oscillating rotors, allowing for a greater variety of tube types to be used. Automatic detection of the placed rotor and automatic shutdown in case of sample imbalance.
- 2 | Lid closure by electric suction at two points for increased safety.
- 3 | Flash button for instant centrifugation. Equipped with a slow start function.
- 4 | With USB port for system update and experimental data download.
- 5 | 5-inch color LCD screen with adjustable brightness and resolution of 1024x600dpi.
- 6 | Wide selection of rotors and accessories. Availability of hermetically sealed vials for biological samples or hazardous substances.
- 7 | The motor is controlled by an advanced and reliable sinusoidal pulse width modulation (FOC) vector control system that can precisely control speed, time, and relative centrifugal force (RCF).
- 8 | Brushless motor, maintenance-free

Code	GNC002	GNC003
Maximum capacity	1000 mL (GNP019)	2000 mL (GNP025)
Speed (rpm)	200-6000 (10 rpm increment)	
RCF max. (xg)	5150 (Increment of 10 xg)	
Timer	1-99 h. / 1-59 min. / 1-59 sec.	
Acceleration ramps	1-9	
Brake ramp	0-9	
Memory	10 programmes (5 external buttons for quick access)	
Weight	53 Kg	
Dimensions (LxAxH) (mm)	450x550x340	
Power (W)	650	
Powers supply	220V / 50-60 Hz	

▶ Low speed HiCap+ refrigerated, 2761R



- 1 | Compatible with angular and oscillating rotors, allowing for a greater variety of tube types to be used. Automatic detection of the placed rotor and automatic shutdown in case of sample imbalance.
- 2 | Lid closure by electric suction at two points for increased safety.
- 3 | Flash button for instant centrifugation. Equipped with a slow start function.
- 4 | With USB port for system update and experimental data download.
- 5 | 5-inch color LCD screen with adjustable brightness and resolution of 1024x600dpi.
- 6 | Wide selection of rotors and accessories (not included). Availability of hermetically sealed vials for biological samples or hazardous substances.
- 7 | The motor is controlled by an advanced and reliable sinusoidal pulse width modulation (FOC) vector control system that can precisely control speed, time, and relative centrifugal force (RCF).

Code	GNF003	GNF005
Maximum capacity	1000 mL (GNP019)	2000 mL (GNP025)
Speed (rpm)	200-6000 (10 rpm increment)	
RCF max. (xg)	5150 (Increment of 10 xg)	
Timer	1-99 h. / 1-59 min. / 1-59 sec.	
Temperature range	20/40 °C	
Acceleration ramps	1-9	
Braking ramps	0-9	
Memory	30 programmes (5 external buttons for quick access)	
Weight	95 Kg	
Dimensions (LxAxH) (mm)	700x620x380	
Power (W)	850	
Power supply	220V / 50-60 Hz	



Rotors and accessories for centrifuges GNC002 / GNC003 and GNF003 / GNF005

OSCILLATING ROTORS FOR GNC002 / GNF003

<p>INCLUDED</p>  <p>Swing out rotor GNP019 4000 rpm/3040 xg</p>	<p>NOT INCLUDED</p>  <p>Hanging cup with biosafety lid GNP020 250 mL x 4 4000rpm/3040 xg</p>	 <p>Tube holder GNP013 50 mL x 8 + 15 mL x 8 4000 rpm/3040 xg</p>	 <p>Tube holder GNP021 50 mL x 8 + 5 mL x 16 4000 rpm/3040 xg</p>	 <p>Tube holder GNP022 15 mL x 28 4000 rpm/3040 xg</p>
		 <p>Tube holder GNP024 5 mL x 40 4000 rpm/3040 xg</p>	 <p>Tube holder GNP023 100 mL x 4 4000 rpm/3040 xg</p>	 <p>Tube holder GNP056 100 mL x 16 4000rpm/3040 xg</p>

OSCILLATING ROTORS FOR GNC003 / GNF005

<p>INCLUDED</p>  <p>Swing out rotor GNP025 4000 rpm/3095 xg</p>	<p>NOT INCLUDED</p>  <p>Hanging cup GNP026 500 mL x 4 4000 rpm/3095 xg</p>	 <p>Tube holder GNP027 250 mL x 4 4000 rpm/3095 xg</p>	 <p>Tube holder GNP028 50 mL x 16 4000 rpm/3095 xg</p>	 <p>Tube holder GNP029 15 mL x 36 4000 rpm/3095 xg</p>
		 <p>Tube holder GNP030 100 mL x 12 4000 rpm/3095 xg</p>	 <p>Tube holder GNP031 5 mL x 84 4000 rpm/3095 xg</p>	

OTHER ROTORS FOR GNC002 / GNC003 / GNF003 AND GNF005 - NOT INCLUDED

 <p>Angular rotor GNM008 15 mL x 12 6000 rpm/5150 xg</p>	 <p>Angular rotor GNP034 50 mL x 8 6000 rpm/5150 xg</p>	 <p>Rotor for microplates GNP035 4 microplates x 2 x 96 2 deep-well plates x 2 x 96 4000 rpm/2860 xg</p>	 <p>Oscillating rotor GNP032 13 x 100 mL 4000 rpm/3050 xg</p>
---	--	---	--

ADAPTERS AND TIPS GNC002 / GNC003 / GNF003 AND GNF005 - NOT INCLUDED

 <p>Adaptes Code GLK010 5 mL GLK011 8 mL</p>	 <p>Adapter GLK015 15 mL</p>	 <p>Bottom pad GLK009 Vacutainer 13x75 mm</p>
---	---	--

RECOMMENDED TUBES

15 mL Falcon tubes	BGD010, BGD082, BGD083, BGD084, BGD024, BGD025, BGD039, BGD029, BGD030 BGD031, BGD032, BGD033
50 mL tubes	BGD011, BGD085, BGD086, BGD087, BGD072, BGD026, BGD040, BGD034, BGD035 BGD036, BGD037, BGD038
Flat-bottomed PP bottles 250 mL	GNQ001
Flat-bottomed PP bottles 250 mL	GNQ002



▶ **GNF - Bench top, refrigerated**

▶ **Low speed Medibas+ refrigerated, 2741R**



- 1| Steel housing and base. Stainless steel inner chamber and safety chamber made of steel between the chamber and the cabinet.
- 2| Equipped with an environmentally friendly R134A gas compressor SECOP® for optimal chamber cooling, with start/stop function that turns off when the open lid is detected and turns back on when closed.
- 3| Lid with metal base, suspension mechanism, and porthole.
- 4| Digital control by microprocessor, 5-inch backlit LCD screen, single-handle selector, and control panel.
- 5| Electromechanical closure preventing lid opening during centrifugation. Manual lid opening in case of power failure. Safety system that automatically stops the device if the maximum speed is exceeded.
- 6| Speed programming in rpm or RCF. Maintenance-free induction motor. The motor is controlled by an advanced and reliable sinusoidal pulse width modulation (FOC) vector control system that can precisely control speed, time, and relative centrifugal force (RCF).

Code	GNF001
Speed	100~6000 rpm (10 rpm increment)
RCF	5150 ×g (increment of 10 ×g)
Timer	1-99 hours/1-59 minutes/1-59 seconds.
Temperature range	-20 °C~+40 °C
Min. temperature at max. speed	0 °C
Maximum capacity	400 mL
Weight	65Kg
Dimensions	634 × 548 × 335 mm
Power supply	AC220 V / 50-60 Hz
Power	550 W
Memory	10 programmes (5 external buttons for quick access)
Acceleration and braking ramps	1-9 / 0-9

INCLUDED



Swing out rotor | GNM001
5000rpm/3040×g

NOT INCLUDED



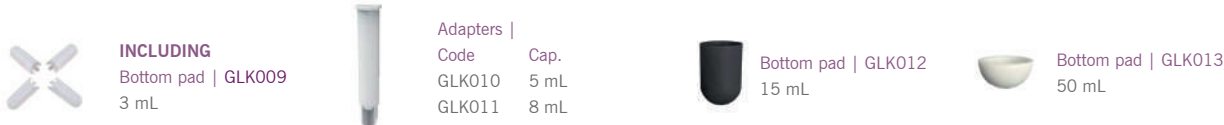
Tube holder GNP003 100 mL×4 5000 rpm/4108 ×g	Tube holder GNP004 50 mL×4 5000 rpm/4135 ×g	Tube holder GNP005 50 mL×8 4000 rpm/2720 ×g	Tube holder GLK002 10/15 mL×16 4000 rpm/2790 ×g	Tube holder GLK005 5 mL×24 4000 rpm/2540 ×g
--	---	---	---	---

ANGULAR ROTORS NOT INCLUDED



Angular rotor GNM002 15 mL×12 6000 rpm/5150 ×g	Angular rotor GNM003 50 mL×8 5000 rpm/3435 ×g	Rotor for microplates GNP016 4 microplates×2×96 2 deep-well plates×2×96 4000 rpm / 2860 ×g
--	---	---

BOTTOM PADS AND ADAPTERS NOT INCLUDED



INCLUDING Bottom pad GLK009 3 mL	Adapters Code Cap. GLK010 5 mL GLK011 8 mL	Bottom pad GLK012 15 mL	Bottom pad GLK013 50 mL
---	---	------------------------------	------------------------------

RECOMMENDED TUBES

15 mL Falcon tubes	BGD010, BGD082, BGD083, BGD084, BGD024, BGD025, BGD039, BGD029, BGD030 BGD031, BGD032, BGD033
50 mL tubes	BGD011, BGD085, BGD086, BGD087, BGD072, BGD026, BGD040, BGD034, BGD035 BGD036, BGD037, BGD038
100 mL tubes	GLK001



▶ GNF - Bench top, refrigerated

▶ Low-speed refrigerated Multibas+, 2751R



- 1| Steel housing and base. Stainless steel inner chamber and safety chamber made of steel between the chamber and the cabinet.
- 2| Equipped with an R134a gas compressor for optimal chamber cooling with start/stop function that turns off when the open lid is detected and turns back on when closed.
- 3| Lid with metal base, suspension mechanism, and porthole. Electromechanical closure preventing lid opening during centrifugation.
- 4| Manual lid opening in case of power failure. Safety system that automatically stops the equipment if the maximum speed is exceeded.
- 5| Maintenance-free induction motor. Controlled by an advanced and reliable sinusoidal pulse width modulation (FOC) vector control system that precisely controls speed, time, and relative centrifugal force (RCF).



Code	GNF002
Speed	200~6000rpm (10 rpm increment)
RCF	5150×g
Timer	1-99 heures/1-59 minutes/1-59 secondes
Temperature range	-20°C~+40 °C
Min. temperature at max. speed	0 °C
Maximum capacity	480 mL
Dimensions	560 × 680 × 376 mm
Weight	76 Kg
Power supply	AC220V/50-60 Hz
Power	650 W
Memory	30 customised programmes
Acceleration and braking ramps	1-9 / 0-9

NOT INCLUDED

INCLUDED



INCLUDING
Swing out rotor | GNM004
5000rpm/4980×g



Tube holder | GNP003
100 mL×4
5000 rpm/4600 ×g



Tube holder | GNP004
50 mL×4
5000 rpm/4980 ×g



Tube holder | GNP005
50 mL×8
4000 rpm/3040 ×g



Tube holder | GNP006
8/10/15 mL×24
4000 rpm/3040 ×g



Tube holder | GNP007
8/10/15 mL×32
4000 rpm/3040 ×g



Tube holder | GNP008
3/5 mL×48
4000 rpm/3040 ×g



Tube holder | GNP009
3/5/7 mL×72
4000 rpm/3040×g

ANGULAR ROTORS NOT INCLUDED



Angular rotor | GNM005
15mL×12
6000rpm/5150×g



Angular rotor | GNM006
50 mL×8
6000 rpm/5150 ×g



Angular rotor | GNM007
15 mL×30
5000 rpm/4100 ×g



Rotor for microplates | GNP014
4 microplaques×2×96
2 deep-well plates ×2×96
4000rpm/2860×g

BOTTOM PADS AND ADAPTERS NOT INCLUDED



INCLUDING
Bottom pad | GLK009
3 mL



Adapters |
Code Cap.
GLK010 5 mL
GLK011 8 mL



Bottom pad | GLK012
15 mL



Bottom pad | GLK013
50 mL



Adapter | GLK015
15 mL

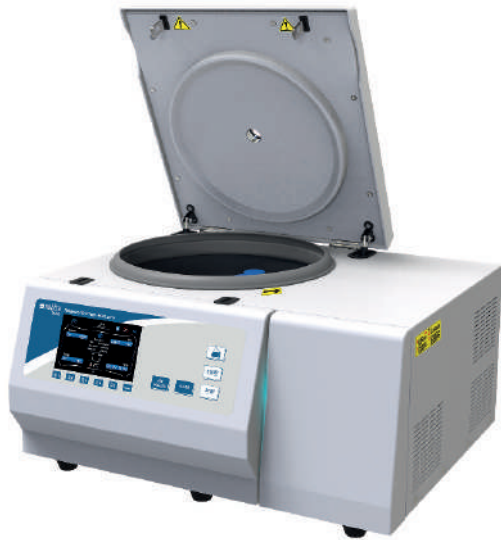
RECOMMENDED TUBES

15 mL Falcon tubes	BGD010, BGD082, BGD083, BGD084, BGD024, BGD025, BGD039, BGD029, BGD030 BGD031, BGD032, BGD033
50 mL tubes	BGD011, BGD085, BGD086, BGD087, BGD072, BGD026, BGD040, BGD034, BGD035 BGD036, BGD037, BGD038
100 mL tubes	GLK001



▶ GNF - Bench top, refrigerated

▶ High speed refrigerated, 2771R



- 1| Compatible with both angular and oscillating rotors, allowing for a wider variety of tubes to be used at both low and high speeds.
- 2| Equipped with an R134a gas compressor for optimal chamber cooling with start/stop function that turns off when the open lid is detected and turns back on when closed.
- 3| Automatic detection of the placed rotor and automatic shutdown in case of sample imbalance.
- 4| Equipped with a function to record experimental parameters and real-time display of operation history.
- 5| Lid closure by electric suction for increased safety.
- 6| 7-inch color LCD screen with adjustable brightness and a resolution of 1024x600dpi.
- 7| The motor is controlled by an advanced and reliable sinusoidal pulse width modulation (FOC) vector control system that can precisely control speed, time, and relative centrifugal force (RCF).
- 8| IPS screen to enhance image quality and screen viewing angle.

Code	GNF004
Speed	200~1800rpm (10 rpm increment)
RCF	23470×g (Increment of 10×g)
Timer	1-99 heures/1-59 minutes/1-59 secondes.
Temperature range	-20°C~+40°C
Min. temperature at max. speed	0 °C
Maximum capacity	1000 mL
Dimensions	560×680×376 mm
Weight	95Kg
Power supply	AC220V/50-60 Hz
Power	850 W
Memory	30 customised programmes
Acceleration and braking ramps	1-9 / 0-9





YouTube

<p>INCLUDED</p>  <p>INCLUDING Swing out rotor GNP036 4500rpm/3780×g</p>	<p>NOT INCLUDED</p>  <p>Hanging cup GNP037 250 mL×4 4500 rpm/ 3780 ×g</p>	 <p>Tube holder GNP038 250 mL×4 4500 rpm/ 3780 ×g</p>	 <p>Tube holder GNP039 100 mL×8 4500 rpm/ 3710 ×g</p>	 <p>Tube holder GNP040 50 mL×16 4500 rpm/ 3780 ×g</p>	 <p>Tube holder GNP041 15 mL×32 4500rpm /3780 ×g</p>	 <p>Tube holder GNP042 5 mL×64 4000 rpm/ 2860 ×g</p>	 <p>Tube holder GNP043 8/10 mL×52 4000 rpm/ 2916 ×g</p>
---	--	---	---	---	--	--	---



OTHER OPTIONAL ROTORS NOT INCLUDED

 <p>GLK030 15 mL×12 6000rpm/5150×g</p>	 <p>GLK031 50 mL×8 6000rpm/5150×g</p>	 <p>GLK038 15 mL×8 13000rpm 17570×g</p>	 <p>GLK037 10 mL×12 13000rpm 15315×g</p>
 <p>GLK032 1.5/2 mL×12 18000rpm/22530×g</p>	 <p>GLK034 0.5 mL×36 15000rpm/16350×g</p>	 <p>GLK039 50 mL×6 12000rpm 16501×g</p>	 <p>GLK036 5 mL×12 16000rpm 18890×g</p>
 <p>GLK033 1.5/2 mL×24 16000rpm/23470×g</p>	 <p>GLK035 0.2 mL×8×4 14800rpm/16200×g</p>	 <p>GLK040 100 mL×4 12000rpm 15940×g</p>	 <p>GNP015 4 microplates×2×96 2 deep-well plates ×2×96 4000rpm/2505×g</p>

INCLUDED WITH GLK032 AND GLK033 ROTORS

 <p>Adapter GDF001 0,2 mL tubes</p>	 <p>Adapter GDF002 0,5 mL tubes</p>
---	---

ADAPTERS NOT INCLUDED

 <p>Adapter GDF014 15mL</p>	 <p>Bottom pad GDF015 50mL</p>
---	--



▶ NEW PRODUCTS



▶ Low speed centrifuge DM0436E

DUAB

- 1| Dual operating modes: Supports timed and continuous operation to meet a variety of experimental requirements
- 2| Adjustable braking: 6-speed deceleration with an optimised braking curve that minimises sample disturbance and improves separation quality.
- 3| LCD display: Real-time display of speed, time and operating status for intuitive monitoring.
- 4| Low-noise performance: Operating noise ≤ 55 dB(A), thanks to a heavy-duty rotor and dynamic balancing technology.
- 5| Integrated safety features: Includes operation progress display, audible alarm and status diagnostic system for enhanced safety and reliability.



Code	GBF016
Capacity	12 x 15 mL + 12 x 10 mL
Timer (min)	30 s-99 min 59 s / Continuous
Spec	100-3500 (steps of 100)
Max. RCF (g)	2260 xg
Power	170 W
Power supply	100-240 VCA, 50/60 Hz
Dimensions aprox. (mm)	482 x 414 x 254
Weight aprox. (Kg)	15 kg

▶ Mini centrifuge, model 2508/4

nahita
blue

- 1| Compact design that maximizes sample capacity
- 2| Transparent lid for easy viewing and non-slip silicone feet
- 3| Quiet and smooth operation ensuring precise separation
- 4| Low vibration and noise levels, ideal for laboratory environments.

Code	GDC013
Model	2508/4
Control	PI power direct drive
Max. RCF	980 xg
Speed	4000 rpm
Maximum capacity	1.5/2.0 mlx8/ 0.2 mlx16
Acceleration / Braking time	< 12 s / < 15 s
Noise at maximum speed	≤ 47 dB (A)
Power	15 W
Power supply	100-240 V 50/60 Hz
Permissible temperature and humidity	5-40 °C / 80 % HR
Dimensions	160x135x110 mm





▶ NEW PRODUCTS



▶ Digital Centrifuge DM0636



- 1| Stainless steel chamber, robust construction, suitable for continuous use. Includes a 4-position stainless steel swing-out rotor with holders and adapters for 100 mL tubes.
- 2| Brushless DC motor, maintenance-free, with quiet and efficient operation. The unit features automatic rotor recognition and multiple acceleration and braking settings. It can operate in continuous or timed mode and features a PULSE button for rapid centrifugation.
- 3| Large digital display with clear visualisation of operating parameters. Allows programmes to be stored in memory to simplify operation and facilitates real-time monitoring.
- 4| Intuitive control via dedicated buttons for quick parameter adjustment, with precise speed and time setting options. The maximum speed reaches 6000 rpm, and the maximum capacity is 400 mL.
- 5| Advanced safety system including: Dual electromechanical lid lock, imbalance protection, overspeed and over-temperature detection, and on-screen warnings with error codes.



Code	GLC007
Speed range (RPM)	300-6000 rpm, increment 10 rpm
Max. RCF (xg)	4100 xg, increment 10 xg
Timer	30-59 sec. / 1-99 min. / continuous mode (HOLD)
Max. capacity	400 mL (4x100 mL swing-out rotor / 8x50 mL angular rotor)
Acceleration	1-9
Braking ramps	0-9
Programmes	Can store up to 9 programmes in memory
Weight	36 Kg
Dimensions (LxAxH)	570x445x295 mm
Consumo (W)	660
Power supply	230 VAC, 50/60 Hz

INCLUDED



GLK049
Holders and adapters for 4x100 mL tubes (85, 50, 15 and 3-7 mL tubes can also be centrifuged)

COMPATIBILITY ACCESSORIES WITH ROTOR GLH019



GLK046
Holders and adapters for 36 tubes of 3-7 mL



GLK047
Holders and adapters for 16 tubes of 10-15 mL



GLK048
Holders and adapters for 8 tubes of 50 mL

OPTIONAL ALUMINIUM ANGULAR ROTORS



Angular rotor | GLH020
6x15 mL or 6x50 mL



Angular rotor | GLH021
12 strips of 8 tubes PCR



Angular rotor | GLH022
30x1, 5/2 mL



Angular rotor | GLH023
60x1, 5/2 mL



Angular rotor | GLH024
18x5 mL



Angular rotor | GLH025
16x15 mL or 8x50 mL