



Medibas+ Low Speed Centrifuge

Code GLC001

New model to be available in 2024.

The Medibas+ low-speed, high-capacity centrifuge up to 400 ml combines powerful functions, high versatility as it can use swing out or angular rotors for the most commonly used tubes in hospitals and is easy to operate. It adopts the latest control technology and has reliable quality and superior performance. It is widely used in clinical biochemistry, haematology, immunology, clinical research and molecular biology, as well as routine analysis in industrial laboratories.

Recommended for genetic studies (nucleic acids), proteins and PCR products, and any low-speed application that does not require refrigeration.

Supplied with swing-out rotor, suitable for different optional tube holders (4x100 mL, 4x50 mL, 8x50mL, 16x10/15 mL, 24x5 mL). In addition, angular rotors (12x15 mL, 8x50 mL) and rotor for microplates can be installed.

- Electrically controlled double airlocks.
- Corrosion resistant Teflon coating on the inside.
- Rubber gasket to ensure airtight seal.
- Flash Centrifugation.

- Housing and base in steel and inner bowl in stainless steel.
- Metal base cover with suspension mechanism and peephole.
- Digital microprocessor control, LCD display and single control selector.
- Autoclavable swing out rotor included and autoclavable tube holders included for the use of different tubes.
- Electromechanical lock that prevents the lid from opening during centrifugation.
- Manual opening of the cover in case of power failure.
- Safety system that automatically stops the equipment if the maximum speed is exceeded.
- Speed programming in rpm or FCR.
- Maintenance-free induction motor.
- Motor controlled by an advanced and reliable sine wave vector FOC system that can precisely control speed, time and relative centrifugal force (RCF).
- Forced ventilation cooling and excellent air heat exchange technology can significantly and effectively reduce the temperature rise of the rotor and ensure that the sample is not damaged.



Technical specifications

Code	GLC001
Model	2741
Speed	100~6000 rpm
FCR	5150 ×g (10×g increment)
Timer	1-99 hours/1-59 minutes/1-59 seconds. Accuracy ± 1 second
Capacity	400 mL
Weight	30 Kg
Dimensions	390×500×320 mm
Power	220 V/50-60 Hz
Consumption	350 W
Memory	30 customised programmes
Acceleration ramps	1-9
Braking ramps	0-9



Swing out rotors



Swing out rotor | GLK014
5000 rpm/3040 ×g



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

Other rotors



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



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



Microplate rotor | GNP017
4 Microplates×2×96
2 Deep well plates×2×96
4000 rpm/2860 ×g

Adapters and bottom pads



Bottom pad | GLK009
3 mL



Adapter | GLK010
5 mL



Adapter | GLK011
8 mL



Bottom pad | GLK012
15mL



Bottom pad | GLK013
50 mL

Compatibility of accessories

Code	Description	Tubes required	Used in	Including
GLC001				
GLK014	Standard oscillating rotor		Centrifuge	Yes
GNP003	Tube Carrier Set 4x100 mL	PP round bottom with lid	GLK014	Yes
GNP004	Tube holder set 4x50 mL	PP round / conical bottom with lid	GLK014	No
GNP005	Tube holder set 8x50 mL	PP round / conical bottom with lid	GLK014	Yes
GLK002	Carrier Set 16x15 mL	PP round / conical bottom with lid	GLK014	Yes
GLK005	Tube holder for 24 x 5mL tubes	Vacutainer type 13 × 100 mm	GLK014	No
GNP017	Rotor 8 microplates	4 Microplates×2×96/2 Deep well plates×2×96	Centrifuge	No
GLK006	Angled rotor for 12 x 15 mL tubes	PP round / conical bottom with lid	Centrifuge	No
GLK007	Corner rotor for 8 x 50 mL tubes	PP round / conical bottom with lid	Centrifuge	No
GLK009	Bottom pad for 3 mL tubes	Vacutainer type 13 × 75 mm	GLK005	Yes*
GLK010	Adapter for 5 mL tubes	Vacutainer type 13 × 100 mm	GLK002/GLK006	No
GLK011	Adapter for 8 mL tubes	Vacutainer type 16 × 100 mm	GLK002/GLK006	No
GLK012	Bottom pad for 15 mL tubes	PP conical bottom with lid	GLK002/GLK006	No
GLK013	Bottom pad for 50 mL tubes	PP conical bottom with lid	GNP004/GNP005	No

*Included with the rotor, not with the equipment.