



Multibas+ Low Speed Centrifuge

Code GNC001

The Multibas+ low-speed, high-capacity centrifuge combines powerful features, and very high versatility, being able to use both angular and swing out rotors, with a maximum capacity of up to 480 mL (32x15mL) and is specially designed for use with most 5 ml blood sampling tubes, 3/5/7 ml, 10/15 ml, 50 ml and 100 ml centrifuge tubes, as well as microplates and deep well plates.

Specially designed for heavy workloads. It is easy to operate and incorporates the latest control technology, proven quality and superior performance. Widely used in clinical biochemistry, haematology, immunology and clinical practice and all applications where a significant amount of centrifugation is required.

Particularly suitable for research, molecular biology and routine laboratory analysis in experimental research on genetics, proteins, nucleic acids and PCR products, where temperature control is not essential.

- Electrically controlled double automatic priming closure.
- Rubber gasket to ensure airtight seal. 5-inch LCD display with glossy black background and white text.
- Multiple interchangeable rotors and pipe holders.
- Teflon-coated centrifuge chamber.
- Stable and quiet operation.
- Flash Centrifugation.



- Multi-purpose centrifuge commonly used in microbiological laboratories, pharmaceuticals, universities, research centres and industry.
- Compatible with angular rotors and swing out rotors, so that the widest range of tubes can be used.
- Steel housing and base. Stainless steel inner tank and steel safety chamber between the tank and the cabinet.
- Metal base cover with suspension mechanism and peephole.
- Autoclavable swing out rotor included (ref.:GNP011) to which various autoclavable tube holders (not included) can be attached for use with different types of tubes.
- Digital microprocessor control, backlit LCD display and single control selector.
- Electromechanical lock that prevents the lid from opening during centrifugation. Manual opening of the lid 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.
- The motor is controlled by an advanced and reliable sine wave vector FOC system that can precisely control speed, time and relative centrifugal force (RCF).
- Forced cooling by ventilation and excellent heat exchange technology that can significantly and effectively reduce the temperature rise of the rotor. Automatically opens the lid at the end of the operation, preventing overheating of the samples and facilitating sample removal.

Technical specifications

Code	GNC001
Model	2751
Speed	100~6000rpm (10rpm increment)
FCR	5150×g (10×g increment)
Timer	1-99 hours/1-59 minutes/1-59 seconds. Three modes available. Accuracy ± 1 second
Max. Capacity	480mL (15mL×32)
Weight	36Kg
Dimensions	418 × 516 × 338mm
Feeding	AC220V/50-60Hz
Consumption	450W
Memory	10 programmes (5 external buttons for quick access)
Acceleration ramps	1-9
Braking ramps	0-9



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Swing out rotors



Swing out rotor | GNPO11
5000 rpm / 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
10/15 mL×24
4000 rpm / 3040 ×g



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



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



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

Other rotors



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



Angle rotor | GLK007
50 mL×8
6000 rpm / 5150 ×g



Angle rotor | GLK008
15 mL×30
5000 rpm / 4100 ×g



Microplate rotor | GNPO10
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



Adapter | GLK015
15 mL



Bottom pad | GLK012
15 mL



Bottom pad | GLK013
50 mL



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Compatibility of accessories

Code	Description	Tubes required	Used in	Including
GNC001				
GNP011	Standard swivel rotor	-	Centrifuge	Yes
GNP004	4x50 mL tube holder set	PP round/conical bottom with lid	GNP011	No
GNP003	4x100 mL tube holder set	PP round bottom with lid	GNP011	No
GNP005	Tube holder set 8x50 mL	PP round/conical bottom with lid	GNP011	No
GNP006	Tube holder set 24x15 mL	Urinary sediment tube/round/tapered PP round/conical with lid	GNP011	No
GNP007	Tube holder set 32x15 mL	Urinary sediment tube/round/tapered PP round/conical with lid	GNP011	No
GNP008	Tube holder set 48 pcs 13x100 mm	Vacutainer tube 13x100mm	GNP011	No
GNP009	Tube holder set 72 pcs 13x75 mm	Release tube G	GNP011	No
GNP010	Rotor 8 microplates	4 Microplates×2×96/2 Deep Well Plates×2×96	Centrifuge	No
GLK006	Angle rotor for 12 x 15mL tubes	PP round/conical bottom with lid	Centrifuge	No
GLK007	Angle rotor for 8 x50mL tubes	PP round/conical bottom with lid	Centrifuge	No
GLK008	Angle rotor for 30 x15mL tubes	PP round/conical bottom with lid	Centrifuge	No
GLK009	Bottom pad for 3mL tubes	Vacutainer tube 13×75mm	GNP008	Yes
GLK010	Adapter for 5mL tubes	Vacutainer tube 13×100mm	GLK006	No
GLK011	Adapter for 8mL tubes	Vacutainer tube 16×100mm	GLK006	No
GLK012	Bottom pad for 15mL tubes	PP conical bottom with lid	GNP006 GNP007 GLK006	No
GLK013	Bottom pad for 50mL tubes	PP conical bottom with lid	GNP004 GNP005 GLK007	No
GLK015	Adapter for 15mL tubes	PP conical bottom with lid	GLK007	No

RECOMMENDED TUBES

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