



HiCap+ Low Speed Centrifuge

Code **GNC002, GNC003**

This low-speed centrifuge is commonly used for the separation of bacteria and viruses, the separation of nucleic acids, density gradient centrifugation, blood separation and clinical sample processing.

- Electrically controlled automatic double locking.
- Rubber gasket for chamber sealing.
- 5-inch IPS LCD colour screen.
- Five quick-access programme buttons.
- Teflon coating of the chamber.

- High-capacity, low-speed, 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.
- Automatic detection of the positioned rotor and automatic stop in case of sample imbalance.
- Equipped with experimental parameter recording function and real-time display of operation recording.
- Lid locking by electric suction at two points for greater safety.
- Flash push button for instant centrifuging. Equipped with slow start function.
- With USB port for system update and download of experimental data.
- 5-inch LCD colour display with adjustable brightness and 1024x600dpi resolution
- Wide selection of rotors and accessories (not included). Hermetically sealed vessels available for biological samples or hazardous substances.
- 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 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

	GNC002	GNC003
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Model	2761	2761
Speed	200~6000 rpm (10 rpm increment)	200~6000 rpm (10 rpm increment)
FCR	5150 ×g (10 ×g increment)	5150 ×g (10 ×g increment)
Timer	1-99 hours/1-59 minutes/1-59 seconds. Three modes available. Accuracy ± 1 second	1-99 hours/1-59 minutes/1-59 seconds. Three modes available. Accuracy ± 1 second
Max. Capacity	1000 mL	2000 mL
Weight	53 Kg	53 Kg
Dimensions	450 × 550 × 340 mm	450 × 550 × 340 mm
Feeding	AC220 V / 50-60 Hz	AC220 V / 50-60 Hz
Consumption	650 W	650 W
Memory	10 programmes (5 external buttons for quick access)	10 programmes (5 external buttons for quick access)
Acceleration ramps	1-9	1-9
Braking ramps	0-9	0-9



Swing out rotors GNC002



Swing out rotor |
GNP019
4000 rpm / 3040 ×g



Bio-safety cup with tight
fitting lid | GNP020
250 mL×4
4000 rpm / 3040 ×g



Tube holder | GNP013
50 mL×8+15 mL×8
4000 rpm / 3040 ×g



Tube holder | GNP021
50 mL×8+5 mL×16
4000 rpm / 3040 ×g



Tube holder | GNP022
15 mL×28
4000 rpm / 3040 ×g



Tube holder | GNP023
100 mL×4
4000 rpm / 3040 ×g



Tube holder | GNP024
5 mL×40
4000 rpm / 3040 ×g

Oscilating rotors GNC003



Swing out rotor |
GNP025
4000 rpm / 3095 ×g



Cup | GNP026
500 mL×4
4000 rpm / 3095 ×g



Tube holder | GNP027
250 mL×4
4000 rpm / 3095 ×g



Tube holder | GNP028
50 mL×16
4000 rpm / 3095 ×g



Tube holder | GNP029
15 mL×36
4000 rpm / 3095 ×g



Tube holder | GNP030
100 mL×12
4000 rpm / 3095 ×g



Tube holder | GNP031
5 mL×84
4000 rpm / 3095 ×g

Other rotors GNC002 y GNC003



Angle rotor | GNM008
15 mL×12
6000 rpm / 5150 ×g



Angle rotor | GNP034
50 mL×8
6000 rpm / 5150 ×g



Microplate rotor | GNP035
4 Microplates×2×96
2 Deep well plates×2×96
4000rpm/2860×g



Swing out rotor | GNP032
5 mL×64
4000 rpm / 3050 ×g

Flat bottom PP bottles



PP bottle | GNQ001
Flat bottom 250 mL
4000 rpm/3100 ×g
For references GNP020
and GNP027

PP bottle | GNQ002
Flat bottom 500 mL
4000 rpm/3100 ×g
For reference GNP026



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Adapters



Adapter | GLK010
5 mL



Adapter | GLK011
8 mL



Adapter | GLK015
15 mL



Bottom pad | GLK009
Vacutainer type 13x75 mm

Compatibility of accessories

Code	Description	Tubes required	Used in	Including
GNC002/GNC003				
GNP019	Swing out rotor	-	Centrifuge	Yes
GNP020	Bio-safety cup with lid 250 mLx4	PP flat bottom with lid	GNP019	No
GNP013	Tube holders 50mLx8 + 15 mLx8	PP conical bottom with lid	GNP020	No
GNP021	Tube holder 50mLx8 + 5 mLx16	PP conical bottom with lid	GNP020	No
GNP022	Tube holder for 28 x 15 mL tubes	PP conical bottom with lid	GNP020	No
GNP023	Tube holders for 4 x 100 mL tubes	PP round bottom with lid	GNP020	No
GNP024	Tube holder for 40 x 5 mL tubes	Vacutainer tube 13x100 mm	GNP020	No
GNP025	Swing out rotor	-	Centrifuge	Yes
GNP026	Cup 500 mLx4	PP flat bottom with lid	GNP025	No
GNP027	Tube holder 250 mLx4	PP flat bottom with lid	GNP026	No
GNP028	Tube holder 50 mLx16	PP conical bottom with lid	GNP026	No
GNP029	Tube holder 15 mLx36	PP round bottom with lid	GNP026	No
GNP030	Tube holder 100 mLx12	Fondo redondo de PP con tapa	GNP026	No
GNP031	Tube holder 5 mLx84	Vacutainer tube 13x100 mm	GNP026	No
GNP032	Swing out rotor for 64 x 5 mL tubes	Vacutainer tube 13x100 mm	Centrifuge	No
GNM008	Angle rotor for 12 x 15 mL tubes	PP round/conical bottom with lid	Centrifuge	No
GNP034	Angle rotor for 8 x 50 mL tubes	PP round/conical bottom with lid	Centrifuge	No
GNP035	Swing out rotor for microplates	4 Microplatesx2x96/2 Deep Well Platesx2x96	Centrifuge	No
GLK010	Adapter for 5 mL tubes	Vacutainer tube 13x100 mm	GNM008	No
GLK011	Adapter for 8 mL tubes	Vacuum Blood Collection Vessel 16x100 mm	GNM008	No
GLK015	Adapter for 15 mL tubes	PP conical bottom with lid	GNP034	No
GLK009	Bottom pad for 13x75 mm tubes	Vacutainer tube 13x75 mm	GNP032	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
Flat bottom PP bottle 250mL	GNQ001
Flat bottom PP bottle 500mL	GNQ002