

Floor High Speed Refrigerated Centrifuge



INTELLIGENT

Intelligent control system

- High compatibility with multiple rotors.
- RCF and speed separately and switching free, automatically calculate RCF.
- Up to 99 program groups and parameters can be revised during operation without stopping.
- The electric door lock can choose whether to open the chamber door automatically after the centrifugal operation.



EXCELLENT

Excellent kernel performance

- HD large LCD display and the parameters can be revised during operation without shutdown.
- Microcomputer control, AC frequency conversion brush-less motor with fast speed and stable operation.
- 10 gears acceleration /deceleration with linear drive.
- Two modes can be set: start timing/ arrival revolution timing.
- Energy-efficient ECO friendly refrigeration system with special thermal insulation inside the machine .



SAFE

Careful and safe

- With rotor automatic identification system .
- Over speed,over heat,unbalance protections with auto lid lock.
- Steel Structure,centrifuge chamber made of stainless steel with Environmentally friendly anti-corrosion coating treatment.



DETAIL

Intimate detail design

- An intimate tool rack is provided for accompanying tools to guard the instrument at all times.
- The front of the fuselage is designed with an operation SOP guide map, which makes it easier and more standard for laboratory personnel to use the instrument.
- It is equipped with a rotor cover that can be quickly locked for easy use.
- Ergonomic, low opening height, close the centrifuge cover with one press.
- Special noise reduction system.

GDR525C Floor Large Capacity High Speed Refrigerated Centrifuge

Technical Parameter



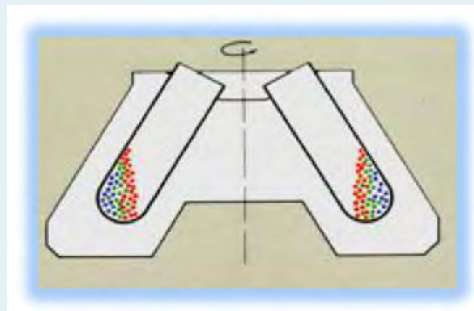
Model	GDR525C
Max Speed	25000rpm
Max RCF	64800 × g
Max Capacity	4 × 1000ml
Timer	1s ~ 23h59min
Revolutions/min	± 10r/min
Temp Range	-20°C ~ 40°C
Temp Accuracy	± 1.0°C
Voltage	AC 220 ± 22V 50Hz 35A
Power	4500W
Noise Level	≤ 65dB (A)
Size	1250 × 840 × 710 (mm)
Net Weight	252kg
Rotor automatic recognition	Yes

Rotor Parameters





Rotor NO.	Rotor Pictures	Rotor Capacity (ml)	Max Speed (r/min)	Max RCF (× g)
Angle Rotor				
1		24 × 1.5/2.0ml Titanium alloy	25000rpm	64800 × g
2		18 × 10ml	23000rpm	60460 × g
3		8 × 50ml Round (Titanium alloy)	21000rpm	52356 × g
4		8 × 50ml Round bottom	20000rpm	46420 × g
5		6 × 50ml Conical bottom	18000rpm	33506 × g

Angle Rotor

» When the angle rotor is running, the centrifuge container and the rotating shaft form a fixed angle, and the sample is deposited at the bottom of the centrifuge tube and the side wall near the bottom.



Rotor Parameters

Rotor NO.	Rotor Pictures	Rotor Capacity (ml)	Max Speed (r/min)	Max RCF (× g)
6		6 × 250ml	14000rpm	30074 × g
7		8 × 100ml	13000rpm	19830 × g
8		6 × 500ml	10000rpm	17700 × g
9		4 × 1000ml	8000rpm	12040 × g

* All products can be customized, designed and produced according to customer requirements.