

## 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.

# GDR521C Floor Large Capacity High Speed Refrigerated Centrifuge

## Technical Parameter



Model	GDR521C
Max Speed	21000rpm
Max RCF	47580 × g
Max Capacity	4 × 750ml
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	3500W
Noise Level	≤ 65dB ( A )
Size	1250 × 840 × 710 (mm)
Net Weight	252kg
Rotor automatic recognition	Yes

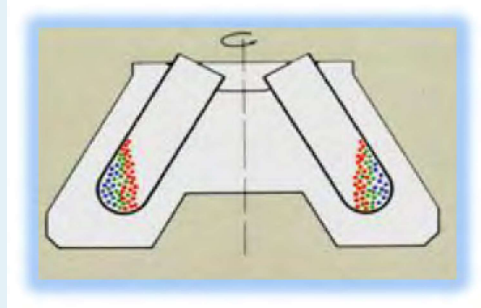
## Rotor Parameters

Rotor NO.	Rotor Pictures	Rotor Capacity ( ml )	Max Speed ( r/min )	Max RCF ( × g )
Angle Rotor				
1		16 × 10ml	21000rpm	47580 × g
2		6 × 50ml Round bottom	20000rpm	43000 × g
3		6 × 50ml Conical bottom	18000rpm	33506 × g
4		8 × 50ml Round bottom	15000rpm	27720 × g
5		4 × 250ml	14000rpm	29440 × 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		8 × 100ml	13000rpm	19830 × g
7		6 × 250ml	12000rpm	22470 × g
8		6 × 300ml	10000rpm	18500 × g
9		6 × 500ml	9000rpm	14400 × g
Swing-out Rotor				
10		4 × 750ml	4000rpm	3580 × g

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