

High Speed Table Refrigerated Centrifuge



INTELLIGENT

Intelligent control system

- It can store 99 groups of program and easy to call at any time.
- Electric door lock can to open the lid automatically after the centrifugal operation.
- Long press the start/instantaneous key to realize instantaneous centrifugation.
- Up to 10 level acceleration/ deceleration with Linear drive.



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.
- Two modes can be set: start timing/ arrival revolution timing.
- ECO friendly refrigeration system with Special thermal insulation process.



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.

GTR318C High Speed Table Refrigerated Centrifuge

Technical Parameter



Model	GTR318C
Max Speed	18000rpm
Max RCF	31115 × g
Max Capacity	4 × 100ml
Timer	1s ~ 99h59min
Revolutions/min	± 10r/min
Temp Range	-20°C ~ 40°C
Temp Accuracy	± 1.0°C
Voltage	AC 220 ± 22V 50Hz 15A
Power	1200W
Noise Level	≤ 60dB (A)
Size	550x560x365 (mm)
Net Weight	71kg
Rotor automatic recognition	Yes

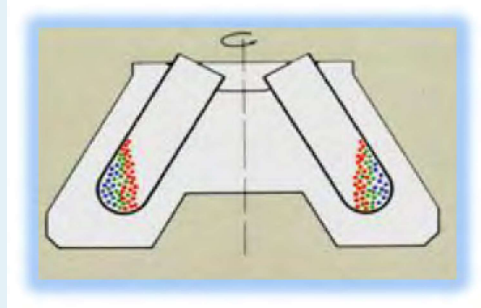
Rotor Parameters

Rotor NO.	Rotor Pictures	Rotor Capacity (ml)	Max Speed (r/min)	Max RCF (× g)
Angle Rotor				
1		24 × 1.5/2.0ml	18000rpm	31115 × g
2		12 × 5ml	15000rpm	18306 × g
3		32 × 1.5/2.0ml	14000rpm	19940 × g
4		8 × 8 × 0.2ml PCR Row	14000rpm	15032 × g
5		48 × 1.5/2.0ml	13000rpm	18327 × g
6		12 × 10ml	13000rpm	15228 × 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 ($\times g$)
7		6 \times 50ml Round bottom	13000rpm	17146 $\times g$
8		6 \times 50ml Conical/round bottom	12000rpm	16227 $\times g$
9		12 \times 15ml Conical bottom	11000rpm	13730 $\times g$
10		4 \times 100ml	11000rpm	14298 $\times g$
Swing-out Rotor				
11		24 \times 1.5/2.0ml	13000rpm	16816 $\times g$
12		4 \times 100ml	4500rpm	3010 $\times g$
13		2 \times 2 \times 96 Micro-plate hole	4000rpm	2057 $\times g$
14		8 \times 50ml Conical bottom	4000rpm	2680 $\times g$

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