

High Speed Table Refrigerated Centrifuge



INTELLIGENT

Intelligent control system

- With five groups of user-defined preset programs that can be called by one key.
- Can store 99 groups of program and with shortcut key.
- Auto electric door lock;
- 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 .
- Full steel inner cavity protective cover.
- Over speed,over heat,unbalance protections and ensure safe operation.



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 lid with one time press.
- Special noise reduction system.

Technical Parameter



Model	GTR320C
Max Speed	20000rpm
Max RCF	31115 × g
Max Capacity	4 × 250ml
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	560x570x370 (mm)
Net Weight	110kg
Rotor automatic recognition	Yes

Rotor Parameters

Rotor NO.	Rotor Pictures	Rotor Capacity (ml)	Max Speed (r/min)	Max RCF (× g)
Angle Rotor				
1		16 × 1.5/2.0ml	20000rpm	30677 × g
2		24 × 1.5/2.0ml	18000rpm	31115 × g
3		12 × 5ml	16000rpm	17344 × g
4		12 × 10ml	16000rpm	23068 × g
5		32 × 1.5/2.0ml	16000rpm	26044 × g
6		48 × 1.5/2.0ml	16000rpm	27762 × g

Rotor NO.	Rotor Pictures	Rotor Capacity (ml)	Max Speed (r/min)	Max RCF (× g)
7		12 × 15ml Conical bottom	14000rpm	22241 × g
8		6 × 50ml Round bottom	13000rpm	17146 × g
9		6 × 50ml Conical/round bottom	12500rpm	17608 × g
10		4 × 100ml	12000rpm	17016 × g
11		6 × 100ml	12000rpm	17548 × g
12		8 × 50ml Conical/round bottom	10000rpm	12611 × g
13		60 × 1.5ml	15000rpm	18826 × g
14		40 × 15ml (W)	5500rpm	5952 × g
Swing-out Rotor				
15		4 × 100ml	5000rpm	3717 × g
16		4 × 250ml Round bottom	5000rpm	4751 × g
		4 × 250ml Oval bucket	5000rpm	4751 × g
		4 × 250ml Square bucket	5000rpm	4751 × g
17		2 × 2 × 96 Micro-plate hole	4500rpm	2603 × g

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