

High Speed Table Refrigerated Centrifuge



INTELLIGENT

Intelligent control system

- Auto electric door lock; Can store 99 groups of program and with shortcut key.
- Up to 10 level acceleration/ deceleration with Linear drive. With five groups of user-defined preset programs that can be called by one key.
- Long press the start/instantaneous key to realize instantaneous centrifugation. High and low speed universal centrifuge, high compatibility with multiple rotors.



EXCELLENT

Excellent kernel performance

- Microcomputer control with HD large LCD display, driven by AC frequency conversion brush-less motor.
- Two modes can be set: start timing/ arrival revolution timing.
- ECO friendly refrigeration system with Special thermal insulation process.


SAFE

Careful and safe

- Automatic identification rotors and speed limit control.
- 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.

GTR420C High Speed Table Refrigerated Centrifuge

Technical Parameter



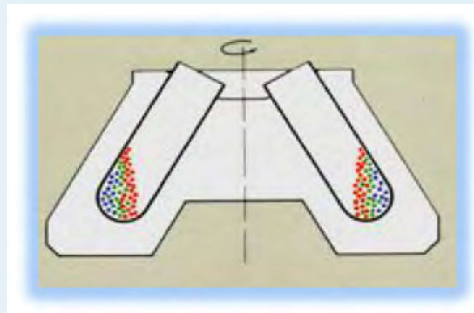
Model	GTR420C
Max Speed	21000rpm
Max RCF	32868 × g
Max Capacity	4 × 750ml
Timer	1s ~ 99h59min
Revolutions/min	± 10r/min
Temp Range	-20°C ~ 40°C
Temp Accuracy	± 1.0°C
Voltage	AC 220 ± 22V 50Hz 15A
Power	1500W
Noise Level	≤ 60dB (A)
Size	660 × 730 × 445mm
Net Weight	123kg
Automatic rotor identification	Yes

Rotor Parameters

Rotor NO.	Rotor Pictures	Rotor Capacity (ml)	Max Speed (r/min)	Max RCF (× g)
Angle Rotor				
1		12 × 1.5/2.0ml	21000rpm	31061 × g
2		12 × 5ml	18000rpm	21951 × g
3		24 × 1.5/2.0ml	18500rpm	32868 × g
4		12 × 10ml	15000rpm	20274 × g
5		48 × 1.5/2.0ml	15000rpm	24400 × 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		4 × 100ml	14000rpm	23161 × g
7		12 × 15ml Conical bottom	14000rpm	22241 × g
8		6 × 50ml Round bottom	14000rpm	19885 × g
9		8 × 8 × 0.2ml PCR Row	14000rpm	15032 × g
10		6 × 50ml Conical/round bottom	13000rpm	19045 × g
11		8 × 50ml Round bottom	12000rpm	15615 × g
12		8 × 50ml Conical/round bottom	11000rpm	13493 × g
13		6 × 100ml	11000rpm	14745 × g

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

 Rotor Parameters

Rotor NO.	Rotor Pictures	Swing-out Rotor Capacity (ml)	Max Speed (r/min)	Max RCF ($\times g$)
Swing-out Rotor				
14		4 \times 250ml Round bottom	4200rpm	3352 $\times g$
		4 \times 250ml Round bottom (with biosafety lid)	4200rpm	3352 $\times g$
		4 \times 250ml Square bucket	4200rpm	3352 $\times g$
15		4 \times 500ml Round bottom	4200rpm	3510 $\times g$
		4 \times 500ml Round bottom (with biosafety lid)	4200rpm	3510 $\times g$
		4 \times 500ml Square bucket	4200rpm	3510 $\times g$
16		4 \times 750ml Round bottom	4200rpm	3648 $\times g$
		4 \times 750ml Round bottom (with biosafety lid)	4200rpm	3648 $\times g$
		4 \times 750ml Square bucket	4200rpm	3648 $\times g$
17		4 \times 2 \times 96 Micro-plate hole	4200rpm	3046 $\times g$
		Swing-out Rotor Square bucket	4200rpm	3046 $\times g$