

# High Speed Table Centrifuge



**INTELLIGENT**

## Intelligent control system

- High and low speed universal centrifuge with auto electric lid lock.
- With five groups of optional programs and can store 99 groups of program.
- One key short-time centrifuge button.
- 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.



### 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.



### 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.
- Special noise reduction system.

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

# GT420C High Speed Table Centrifuge

## Technical Parameter



Model	GT420C
Max Speed	21000rpm
Max RCF	31060 × g
Max Capacity	4 × 750ml
Timer	1s ~ 99h59min
Revolutions/min	± 10r/min
Voltage	AC 220 ± 22V 50Hz 10A
Power	1000W
Noise Level	≤ 62dB ( A )
Size	580 × 465 × 395 (mm)
Net Weight	61kg
Rotor automatic recognition	Yes

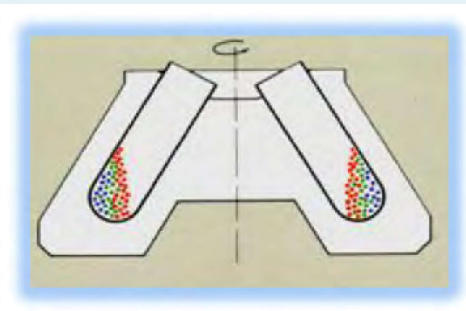
## Rotor Parameters

Rotor NO.	Rotor Pictures	Rotor Capacity ( ml )	Max Speed ( r/min )	Max RCF ( × g )
Angle Rotor				
1		12 × 1.5/2.0ml	21000rpm	31060 × g
2		12 × 5ml	18000rpm	21950 × g
3		24 × 1.5/2.0ml	16000rpm	24585 × g
4		12 × 10ml	15000rpm	20274 × g
5		48 × 1.5/2.0ml	15000rpm	24440 × 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 ( $\times g$ )
6		4 $\times$ 100ml	14000rpm	23160 $\times g$
7		6 $\times$ 50ml Round bottom	14000rpm	19885 $\times g$
8		8 $\times$ 8 $\times$ 0.2ml PCR Row	14000rpm	15032 $\times g$
9		12 $\times$ 15ml Conical bottom	13000rpm	19177 $\times g$
10		6 $\times$ 50ml Conical/round bottom	13000rpm	19045 $\times g$
11		8 $\times$ 50ml Round bottom	12000rpm	16058 $\times g$
12		8 $\times$ 50ml Conical/round bottom	11000rpm	15259 $\times g$
13		6 $\times$ 100ml	11000rpm	14745 $\times g$

\* 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 ( × g)
Swing-out Rotor				
14		4 × 250ml Round bottom	4200rpm	3352 × g
		4 × 250ml Round bottom ( with biosafety lid )	4200rpm	3352 × g
		4 × 250ml Square bucket	4200rpm	3352 × g
15		4 × 500ml Round bottom	4200rpm	3510 × g
		4 × 500ml Round bottom ( with biosafety lid )	4200rpm	3510 × g
		4 × 500ml Square bucket	4200rpm	3510 × g
16		4 × 750ml Round bottom	4200rpm	3648 × g
		4 × 750ml Round bottom ( with biosafety lid )	4200rpm	3648 × g
		4 × 750ml Square bucket	4200rpm	3648 × g
17		4 × 2 × 96 Micro-plate hole	4200rpm	3046 × g
		Swing-out Rotor Square bucket	4200rpm	3046 × g