

## Low Speed Table Refrigerated Centrifuge



**INTELLIGENT**

### Intelligent control system

- Equipped with five groups of programs and can store 99 groups of program.
- Automatic electronic door lock.
- One key short-time centrifuge button.



**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.



**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.






# DTR45C Low Speed Table Refrigerated Centrifuge




## Technical Parameter



Model	DTR45C
Max Speed	5500rpm
Max RCF	5952 × 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 × 445 (mm)
Net Weight	123kg
Rotor automatic recognition	Yes






## Rotor Parameters

Rotor NO.	Rotor Pictures	Rotor Capacity ( ml )	Max Speed ( r/min )	Max RCF ( × g )
Angle Rotor				
1		40 × 15ml ( W )	5500rpm	5952 × g
2		6 × 50ml ( W )	5500rpm	3645 × g
Swing-out Rotor				
3		96 × 2~7ml Blood collection tube	4000rpm	3184 × g
		100 × 2~7ml Blood collection tube	4000rpm	3184 × g
		120 × 2~7ml Blood collection tube	4000rpm	3184 × g

Rotor NO.	Rotor Pictures	Rotor Capacity ( ml )	Max Speed ( r/min)	Max RCF ( × g)
4		4 × 750ml Round bottom	4000rpm	3309 × g
		4 × 750ml Round bottom ( with biosafety lid )	4000rpm	3309 × g
		4 × 750ml Square bucket	4000rpm	3309 × g
5		4 × 500ml Round bottom	4000rpm	3184 × g
		4 × 500ml Round bottom ( with biosafety lid )	4000rpm	3184 × g
		4 × 500ml Square cup	4000rpm	3184 × g
		4 × 500ml Conical bucket	4000rpm	3184 × g
6		4 × 250ml Round bottom	4000rpm	3040 × g
		4 × 250ml Round bottom ( with biosafety lid )	4000rpm	3040 × g
		4 × 250ml Square bucket	4000rpm	3040 × g
		4 × 250ml Conical bottom	4000rpm	3040 × g
		6 × 250ml Round bottom	4000rpm	3040 × g
		56 × 5ml Blood collection tube	4000rpm	3040 × g

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

## Rotor Parameters

Rotor NO.	Rotor Pictures	Rotor Capacity (ml)	Max Speed (r/min)	Max RCF ( $\times g$ )
6		16 $\times$ 50ml Conical/round bottom	4000rpm	3040 $\times g$
		36 $\times$ 15ml	4000rpm	3040 $\times g$
7		4 $\times$ 2 $\times$ 96 Micro-plate hole	4000rpm	2763 $\times g$
		Swing-out Rotor Square bucket	4000rpm	2763 $\times g$
8		Micro-plate 2 $\times$ 2 $\times$ 96 hole	4000rpm	2057 $\times g$

### Swing-out Rotor



\*This is a multi-function display diagram and cannot be used directly

- » A variety of adapters are suitable for centrifugation of 0.2ml to 750ml different test tubes and reagents;
- » Working plate basket is suitable for ordinary working plate and deep hole plate;
- » Air tight hanging cup cover is optional, which is safer when centrifuging dangerous samples;
- » Hanging cup. The cup cover and adapter can be sterilized under high temperature and pressure.

