

MICRO HIGH SPEED REFRIGERATED CENTRIFUGE

MODEL:TGL16R1

TGL16R1 can be equipped with 4 kinds of rotors in the benchtop type, offering a complete solution in the preparation of samples to be centrifuged for research labs, clinics, biotechnology, industrial, and hospitals.

Features:

- ☆ Stainless steel chamber with guarding ring.
- ☆ Electronic safety lock prevent cover opening during centrifugation.
- ☆ Manually lid open in case of failure or emergency.
- ☆ Gas spring to prevent falling of lid.
- ☆ Pre-cooling during standstill. CFC free refrigeration system (refrigerant R404A or R134A).
- ☆ Reliable drive system. Induction motor maintenance free.
- ☆ Microprocessor control of all functions: speed, time, temperature, acceleration/deceleration, rcf, *program memory, error display.
- ☆ Velocity hole provides a way of speed detection.
- ☆ Compact design saves your working desk space.
- ☆ Produced according to national and international safety standard (e.g. IEC 61010).
- ☆ ISO9001, ISO13485, CE international standards are met.
- ☆ * Selectable: Lid open automatically at the end of run.



Technical data:

Model	TGL16R1	Acceleration / Deceleration rates	1– 10
Screen	LCD color screen	Motor	Converter motor
Machine Body	Plastic and metal frame	Motor power	500W
Max. Speed	16000rpm	Refrigerator power	168W
Speed accuracy	±20rpm	Power	AC220V, 50/60Hz 10A
Increment	1rpm	Noise	<55db
Max. RCF	17800×g	Net weight	40kg
Max capacity	24x1.5/2.2ml	Gross weight	48kg
Temp. range	-20°C~+40°C	Dimension	340×590×300mm (LxWxH)
Temp accuracy	±2°C	Package dimension	440×700×430mm (LxWxH)
Timer range	1min~99min59s		

Rotor:

 No. 1 Angle rotor	Max. Speed : 16000rpm Capacity : 12 x 0.5ml Max. RCF : 17800xg ØxL: 8.4x28.5mm	 No. 2 Angle rotor	Max. Speed : 16000rpm Capacity : 12x 1.5/2.2ml Max. RCF : 17800xg ØxL: 11.2x39mm
 No. 3 Angle rotor	Max. Speed : 13000rpm Capacity : 12 x 5ml Max. RCF : 12750xg ØxL: 14x51mm	 No. 4 Angle rotor	Max. Speed : 13000rpm Capacity : 24 x 1.5ml/2.2ml Max. RCF : 15710xg ØxL: 11.2x39mm

REFRIGERATED CENTRIFUGE

NEW
TGL16R1



High Speed Table Refrigerated Centrifuge

Technical Parameter



Model	TGL16R1 NEW
Max Speed	16500rpm
Max RCF	21615 × g
Max Capacity	12 × 5ml
Timer	1s ~ 99h59min59s
Revolutions/min	± 10r/min
Temp Range	-20℃ ~ 40℃
Temp Accuracy	± 1.0℃
Voltage	AC 220 ± 22V 50Hz 10A
Power	550W
Noise Level	≤ 60dB (A)
Size	315 × 475 × 310 (mm)
Net Weight	38kg
Rotor automatic identification	No

Rotor Parameters

NO.	Rotor Image	Capacity (ml)	Max Speed (r/min)	Max RCF (× g)
Angle rotor				
1		16 × 1.5/2.0ml	16500rpm	20880 × g
2		12 × 5ml	16000rpm	17344 × g
3		24 × 1.5/2.0ml	15000rpm	21615 × g
4		4 × 8 × 0.2ml PCRRow	15000rpm	14866 × g
5		8 × 8 × 0.2ml PCRRow	14000rpm	15032 × g
6		Capillary rotor 24 hole	12000rpm	13845 × g