

Benchtop High Speed Refrigerated Centrifuge

Model: TGL16MB/TGL16M

TGL-16MB and TGL-16M are microprocessor-controlled centrifuges used in auxiliary laboratories in industry, colleges & Research institutions, biotechnology, medical laboratories, hospitals, pharmaceutical laboratories, and agriculture soil testing for determination of moisture equivalent of soil. It is also suitable for the determination of settlement of paints, pastes, cosmetics, and food products.

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.
- ☆ Imbalance fault detection with auto shutdown.
- ☆ 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.
- ☆ RPM/RCF adjustable along with the run and value calculating automatically.
- ☆ Comprehensive selection of rotors and adapters.
- ☆ Velocity hole provides a way of speed detection.
- ☆ 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.



TGL16MB



TGL16M

Technical data:

Model	TGL16MB	TGL16M
Screen	LCD color Screen	LED Digital Screen
Machine body	Plastic and metal frame	Metal frame
Max. speed	16000rpm	16000rpm
Speed accuracy	±20 rpm	±20 rpm
Max RCF	20920xg	20920xg
Max capacity	4x100ml	4x100ml
Temp range	-20℃~+40℃	-20℃~+40℃
Time accuracy	±2℃	±2℃
Time range	1min~99min59s	1~99min
Acceleration / Deceleration rates	1~10	--
Motor	Converter motor	Converter motor
Motor power	500W	500W
Refrigerator power	380W	380W
Power	AC220V/50Hz, 15A	AC220V/50Hz, 15A
Noise	<55db	<55db
Net weight	70kg	75kg
Gross weight	75kg	80kg
Dimension	620x500x350mm(LxWxH)	620x480x350mm(LxWxH)
Packing dimension	720x610x450mm(LxWxH)	720x610x450mm(LxWxH)

Rotor:

 <p>No. 1 Angle Rotor</p>	<p>Max. Speed:16000rpm Capacity: 12x0.5ml Max. RCF: 17800 xg ØxL: 8.4x28.5mm</p>	 <p>No. 2 Angle Rotor</p>	<p>Max. Speed: 16000rpm Capacity: 12x1.5ml/2.2ml Max. RCF: 17800 xg ØxL: 11.2x39mm</p>
 <p>No. 3 Angle Rotor</p>	<p>Max. Speed: 15000rpm Capacity: 24x1.5ml/2.2ml Max. RCF: 20920 xg ØxL: 11.2x39mm</p>	 <p>No. 4 Angle Rotor</p>	<p>Max. Speed: 14000rpm Capacity: 30x1.5ml/2.2ml Max. RCF: 20800 xg ØxL: 11.2x39mm</p>
 <p>No. 5 Angle Rotor</p>	<p>Max. Speed: 12000rpm Capacity: 48x1.5ml/2.2ml Max. RCF: 13910 xg ØxL: 11.2x39mm</p>	 <p>No. 6 Angle Rotor</p>	<p>Max. Speed: 16000rpm Capacity: 12x5ml Max. RCF: 19320 xg ØxL: 14x51mm</p>
 <p>No. 7 Angle Rotor</p>	<p>Max. Speed : 12000rpm Capacity : 12 x 10ml Max rcf : 12740xg ØxL: 16.5x78.5mm</p>	 <p>No. 8 Angle Rotor</p>	<p>Max. Speed: 10000rpm Capacity: 24x10ml Max. RCF: 11280 xg ØxL: 16x78mm</p>
 <p>No. 9 Angle Rotor</p>	<p>Max. Speed : 11000rpm Capacity : 12x15ml Max. RCF : 13935xg ØxL : 16.5x103mm</p>	 <p>No. 10 Angle Rotor</p>	<p>Max. Speed: 14000rpm Capacity: 4x50ml Max. RCF: 19320 xg ØxL: 29.5x96mm</p>
 <p>No. 11 Angle Rotor</p>	<p>Max. Speed: 11000rpm Capacity: 6x50ml Max. RCF: 13280 xg ØxL: 29.5x96mm</p>	 <p>No. 12 Angle Rotor</p>	<p>Max. Speed: 10000rpm Capacity: 4x100ml Max. RCF: 10934 xg ØxL: 38.2x110mm</p>
 <p>No. 13 Swing Rotor</p>	<p>Max. Speed: 6000rpm Capacity: 4x10ml Max. RCF: 4495 xg ØxL: 16.5x78mm</p>	 <p>No. 14 Swing Rotor</p>	<p>Max. Speed: 4000rpm Capacity: 2x2x48 Max. RCF: 1505 xg ØxL: 108x54x29mm</p>