

TGL-20M/TGL-18M/TGL-16M

Tabletop High-Speed Refrigerated Centrifuge



1 Technical performance

- It has micro-computer control, electronic lock and AC variable-conversion motor which delivers high torque.
- Digital LCD screen make visualized operation conveniently.
- Imported compressor unit with Non-CFC refrigerant R134a.
- It has self-locking, over-speed detection, over-temperature detection, imbalance detection that is automatic alarm device.
- It has 9 levels acceleration and 10 levels deceleration to be setting according to the different requirement. Slow down freely is available.
- Silastic sealed ring comfort to GMP, US FDA certificated.

2 Specification

Model	TGL-20M	TGL-18M	TGL-16M
Max speed	20000r/min	18000r/min	18000r/min
Max RCF	27800xg	23755xg	17800xg
Max capacity	4x100ml	4x100ml	6x50ml
Speed accuracy	± 30r/min		
Time setting	1min~99h 59min		
Temperature setting	-20 °C ~ +40 °C		
Temperature accuracy	± 1 °C		
Compressor unit	French Tecumseh Compressor Unit R134a		
Noise	<65db(A)		
Power supply	AC110V/AC220V, 50Hz-60Hz		
Consumption	1.2kw		
Dimension(L×W×H)	600mm×470mm×330mm		
Packing size(L×W×H)	720mm×640mm×430mm		
Net weight (No rotor)	50kg		

3 Rotor

 No.1 Capacity: 12x1.5ml/2.2ml Max Speed: 20000/18000/16000(r/min) Max RCF: 27800xg/22530xg/17800xg Adaptor: 0.2ml, 0.5ml	 No.2 Capacity: 2x1.5ml/2.2ml Max Speed: 18000/16000/15000(r/min) Max RCF: 23755xg/23755xg/18110xg Adaptor: 0.2ml, 0.5ml	 No.3 Capacity: 10x5ml Max Speed: 18000/13000/13000(r/min) Max RCF: 17280xg/11400xg/11400xg Adaptor: 0.5ml, 1.5ml	 No.3 Capacity: 1.2x5ml Max Speed: 18000/13000/13000(r/min) Max RCF: 17280xg/11400xg/11400xg Adaptor: 0.5ml, 1.5ml	 No.4 Capacity: 2x48 Max Speed: 3000r/min Max RCF: 1400xg	 No.5 Capacity: 36x1.5ml Max Speed: 13000/13000/12000(r/min) Max RCF: 16780xg/16780xg/14300xg
 No.6 Capacity: 48x1.5ml Max Speed: 13000r/min 13000r/min 13000r/min Max RCF: 16780xg 16780xg 14300xg	 No.6 Capacity: 12x10ml Max Speed: 13000r/min 13000r/min 13000r/min Max RCF: 16780xg 16780xg 14300xg Adaptor: 1.5ml, 5ml	 No.7 Capacity: 8x10ml Max Speed: 13000r/min 13000r/min 13000r/min Max RCF: 16780xg 16780xg 14300xg Adaptor: 1.5ml, 5ml	 No.8 Capacity: 6x50ml Max Speed: 12000r/min 12000r/min 11000r/min Max RCF: 13000xg 13000xg 10950xg Adaptor: 1.5ml, 20ml	 No.8 Capacity: 4x100ml Max Speed: 12000r/min Max RCF: 13000xg Adaptor: 10ml, 20ml Only for TGL-20M&TGL-18M	 No.9 Capacity: 4x10ml Max Speed: 8000r/min Max RCF: 3200xg
					 No.9 Capacity: 48x1.5ml Max Speed: 15000/14000(r/min) Max RCF: 24637xg/21468xg Adaptor: 0.2ml, 0.5ml Only for TGL-20M&TGL-18M