

TGL-17M/TGL-16.5M

Tabletop Micro-Refrigerated Centrifuge



TGL-17M Advanced Model



TGL-16.5M Economical Model

1 Technical performance

- It has micro-computer control, electronic lock and AC variable-conversion motor which delivers high torque.
- LCD touch screen make visualized operation conveniently. (TGL-17M)
- Digital LCD screen make operation conveniently. (TGL-16.5M)
- Imported compressor unit with Non-CFC refrigerant R134a.
- Automatic rotor recognition make safety for multiple rotors choice. (TGL-17M)
- Up to 99 user programs storage meet more demands. (TGL-17M)
- 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.
- Very fast acceleration and deceleration reaches some rotors in less than 20sec.
- (TGL-17M)
- Silastic sealed ring comfort to GMP, US FDA certified.

3 Rotor



No.1

Capacity: 12x1.5ml/2.2ml
Max Speed: 17000r/min/18500r/min
Max RCF: 19225xg/18360xg
Adaptor: 0.2ml, 0.5ml



No.2

Capacity: 12x6ml
Max Speed: 12000r/min
Max RCF: 10142xg
Adaptor: 0.5ml, 1.5ml



No.3

Capacity: 24x1.5ml/2.2ml
Max Speed: 15000r/min
Max RCF: 21532xg
Adaptor: 0.2ml, 0.5ml



No.4

Capacity: 36x1.5ml/2.2ml
Max Speed: 12000r/min
Max RCF: 13813xg
Adaptor: 0.2ml, 0.5ml



No.5

Capacity: 48x0.5ml
Max Speed: 12000r/min
Max RCF: 10820xg



No.6

Capacity: PCR 3x8x0.2ml
Max Speed: 15000r/min
Max RCF: 13800xg



No.7

Capacity: 18x0.5ml
Max Speed: 16000r/min
Max RCF: 15300xg

2 Specification

Model	TGL-17M	TGL-16.5M
Max speed	17 000r/min	16500r/min
Max RCF	21532xg	
Max capacity	36x1.5ml/2.2ml	
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	1kw	
Dimension(L×W×H)	280mm×540mm×300mm	
Packing size(L×W×H)	480mm×670mm×590mm	
Net weight (No rotor)	30kg	