

TGL-21M/L580R

Tabletop High-Speed and High-Capacity Refrigerated Centrifuge



1 Technical performance

- The max speed is 21000rpm, and the largest capacity of swing rotor is 4x750ml.
- It has micro-computer control, electronic lock and AC variable-conversion motor which delivers high torque.
- LCD touch-screen make visualized operation conveniently.
- Imported compressor unit with Non-CFC refrigerant R404a.
- Automatic rotor recognition make safety for multiple rotors choice. (Option)
- Up to 6 user programs storage in the surface is selected directly.
- 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-21M	L580R
Max speed	21000r/min	6800r/min
Max RCF	30842xg	5060xg
Max capacity	4x750ml	
Speed accuracy	± 10r/min	
Time setting	1s~99h 59min59s	
Temperature setting	-20 °C ~ +40 °C	
Temperature accuracy	±1 °C	
Compressor unit	French Tecumseh Compressor Unit R404a	
Noise	<65db(A)	
Power supply	AC110V/AC220V, 50Hz-60Hz	
Consumption	1.5kw	
Dimension(L×W×H)	734mm×620mm×445mm	
Packing size(L×W×H)	910mm×720mm×620mm	
Net weight (No rotor)	100kg	

3 Rotor for TGL-21M



No.1

Capacity: 12x1.5ml/2.2ml
Max Speed: 21000r/min
Max RCF: 30842xg
Adaptor: 0.2ml, 0.5ml



No.2

Capacity: 12x5ml
Max Speed: 16500r/min
Max RCF: 19176xg
Adaptor: 0.5ml, 1.5ml



No.9

Capacity: 6x30ml
Max Speed: 15000r/min
Max RCF: 23120xg



No.3

Capacity: 12x10ml/8x15ml
Max Speed: 15000r/min
Max RCF: 23120xg
Adaptor: 1.5ml, 5ml



No.4

Capacity: 6x50ml
Max Speed: 13000r/min
Max RCF: 17940xg



No.7

Capacity: 24x1.5ml/2.2ml
Max Speed: 16500r/min
Max RCF: 29060xg
Adaptor: 0.2ml, 0.5ml



No.8

Capacity: 6x85ml
Max Speed: 12000r/min
Max RCF: 15805xg
Adaptor: 50ml, 15ml, 20ml



No.9

Capacity: 6x100ml
Max Speed: 10000r/min
Max RCF: 11990xg
Adaptor: 10ml, 20ml



No.10

Capacity: 48x1.5ml
Max Speed: 15500r/min
Max RCF: 29307xg
Adaptor: 0.2ml, 0.5ml