

# TG18.5/TD5Z

## Tabletop High-Speed and High-Capacity Centrifuge



### 1 Technical performance

- The max speed is 18500rpm, and the largest capacity of swing rotor is 4X500ml.
- It has micro-computer control, electronic lock and DC brushless motor which is low noise and high speed accuracy.
- Digital LCD screen make visualized operation conveniently.
- Automatic rotor recognition make safety for multiple rotors choice. (Option)
- Up to 9 user programs storage meet more demands.
- 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	TG18.5	TD5Z
Max speed	18500r/min	5000r/min
Max RCF	23797xg	5030xg
Max capacity	4x500 ml	
Speed accuracy	± 10r/min	
Time setting	1min~99min59s	
Noise	<65db(A)	
Power supply	AC110V/AC220V, 50Hz-60Hz	
Consumption	750w	
Dimension(L×W×H)	465mm×560mm×380mm	
Packing size(L×W×H)	560mm×650mm×470mm	
Net weight (No rotor)	50kg	

### 3 Rotor for TG18.5

 <b>No.1</b> Capacity: 12x1.5ml/2.2ml Max Speed: 18500r/min Max RCF: 23797xg Adaptor: 0.2ml, 0.5ml	 <b>No.2</b> Capacity: 10x5ml Max Speed: 13000r/min Max RCF: 11400xg Adaptor: 0.5ml, 1.5ml	 <b>No.2</b> Capacity: 12x5ml Max Speed: 13000r/min Max RCF: 11400xg Adaptor: 0.5ml, 1.5ml	 <b>No.3</b> Capacity: 12x10ml Max Speed: 12000r/min Max RCF: 14800xg Adaptor: 1.5ml, 5ml	 <b>No.3</b> Capacity: 8x15ml Max Speed: 12000r/min Max RCF: 14800xg Adaptor: 1.5ml, 5ml	 <b>No.4</b> Capacity: 6x50ml Max Speed: 12000r/min Max RCF: 13000xg Adaptor: 15ml, 20ml
 <b>No.4</b> Capacity: 4x100ml Max Speed: 12000r/min Max RCF: 13000xg Adaptor: 10ml, 20ml	 <b>No.7</b> Capacity: 24x1.5ml/2.2ml Max Speed: 13200r/min Max RCF: 18110xg Adaptor: 0.2ml, 0.5ml	 <b>No.8</b> Capacity: 36x0.5ml Max Speed: 18000r/min Max RCF: 23666xg	 <b>No.8</b> Capacity: 48x0.5ml Max Speed: 16000r/min Max RCF: 23666xg	 <b>No.9</b> Capacity: 48x1.5ml Max Speed: 13000r/min Max RCF: 18505xg	

### 3 Rotor for TG18.5 & TD5Z

 <b>No.1</b> Capacity: 4x250ml Max Speed: 4000r/min Max RCF: 3200xg	 250 ml Bucket	 4x0x1.5ml	 4x7x5ml	 4x0x5/7ml <small>Red Microplate</small>	 4x7x10ml <small>White Microplate</small>	 <b>No.4</b> Capacity: 2x2x66 Max Speed: 4000r/min Max RCF: 2200xg Microplate Bucket
	 250ml PE Bottle	 4x5x15ml	 4x4x20ml	 4x50ml	 4x100ml	