

# TDL-8M/TDL-5M

## Tabletop Refrigerated Centrifuge



### 1 Technical performance

- It has micro-computer control, electronic lock and AC variable-conversion motor which delivers high torque.
- Digital display 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 deceleration to be setting according to the different requirement.
- Silastic sealed ring comfort to GMP, US FDA certificated.

### 2 Specification

Model	TDL-8M	TDL-5M
Max speed	8000r/min	5000r/min
Max RCF	9100xg	4390xg
Max capacity	4x250ml	72x7ml
Speed accuracy	± 30r/min	
Time setting	1min~99min	
Temperature setting	-5 °C ~ +35 °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)	460mm×710mm×420mm	
Packing size(L×W×H)	580mm×730mm×520mm	
Net weight (No rotor)	80kg	

### 3 Rotor for TDL-8M

**No.1**  
Capacity: 4x250ml  
Max Speed: 4300r/min  
Max RCF: 3582xg

**No.2**  
Capacity: 4x50ml  
Max Speed: 4000r/min  
Max RCF: 2810xg

250 ml Bucket

4x5x1.5ml

4x7x9mm

4x5x5/7mm

4x7x10mm

250ml PE Bottle

4x5x15ml

4x4x20ml

4x50ml

4x100ml

**No.3**  
Capacity: 8x100ml  
Max Speed: 8000r/min  
Max RCF: 9100xg  
Adaptor: 10ml, 20ml

### 3 Rotor for TDL-8M & TDL-5M

**No.1**  
Capacity: 4x100ml  
Max Speed: 5000r/min  
Max RCF: 4390xg

Adaptor:  
4x4x1.5ml 4x4x5ml/7ml  
4x2x5ml 4x3x10ml  
4x1x9ml 4x2x9ml  
4x50ml

**No.2**  
Max Speed: 4000r/min  
Max RCF: 2810xg

Adaptor:  
2x1.5ml 5ml/7ml  
4x2x50ml 5ml, 10ml 15ml, 20ml  
4x4x15ml 10ml  
Adaptor:  
1.5ml, 5ml 5ml/7ml 10ml  
8x4x15ml 10ml

**No.2**  
Capacity: 4x18x7ml  
Max Speed: 4000r/min  
Max RCF: 2810xg  
75mm length tube only

**No.2**  
Capacity: 4x12x7ml  
Max Speed: 4000r/min  
Max RCF: 2810xg  
75mm & 100mm length tube

**No.4**  
Capacity: 2x2x96  
Max Speed: 4000r/min  
Max RCF: 2200xg  
Microplate Bucket