

Ventilated | Low speed | Benchtop

# TD-6M



Order No.:01000601

TD-6M is a non-refrigerated large capacity centrifuge with a maximum capacity of 2L, which is suitable with 0.2mL-500mL tube/bottle, standard blood tube and ELISA plate. Also provide the rotor with biosafety cap for choice, can meet different centrifugal requirements.

## FEATURES

### User-friendly functions

- > 12 user-defined programs
- > 19 rates acceleration and deceleration
- > 1s to 9999min59s timer range
- > LCD screen shows all parameters simply and clearly
- > RCF can be set directly
- > RPM and RCF convert automatically
- > User can reset parameters when rotor is spinning

### Ensure safety

- > Microprocessor control
- > Imbalance detection by three axis gyroscope & centrifugation stop with display of error
- > Motorized electronic door lock
- > Door cannot be opened when rotor is spinning
- > Gas hinge to prevent door falling
- > Port in the door for calibration and operation checking
- > Emergency door lock release

### Good components

- > Motor: Variable frequency motor. stable running, maintenance free, long life
- > Housing: Thick and strong steel
- > Chamber: Food grade 304 stainless steel. anticorrosion and easy to clean
- > Rotor: Aluminum alloy fixed angle rotor; Steel/Stainless steel swing out rotor.
- > Rotors are autoclavable



## TECHNICAL DATA

Model	TD-6M
Max Speed	6000rpm
Max RCF	5200xg
Max Capacity	4x500ml
Speed Accuracy	±10rpm

Time Setting	1m ~ 9999m59s
Noise	≤60dB(A)
Power Consumption	600w
Dimension	560x450x415mm
Weight	53kg

# AVAILABLE ROTORS

No.1



**Order No.:**10000401000  
Rotor: Swing out rotor  
Capacity: 4×100ml  
Max speed: 5000rpm  
Max RCF: 4650×g  
Tube size: Φ38×114mm



**Order No.:**10000400500  
Rotor: Swing out rotor  
Capacity: 4×50ml  
Max speed: 5000rpm  
Max RCF: 4650×g  
Tube size: Φ30×116mm

No.2



**Order No.:**10003200150  
Rotor: Swing out rotor  
Capacity: 32×15ml  
Max speed: 4000rpm  
Max RCF: 2980×g  
Tube size: Φ17×121mm



**Order No.:**10000800500  
Rotor: Swing out rotor  
Capacity: 8×50ml  
Max speed: 4000rpm  
Max RCF: 2980×g  
Tube size: Φ30×116mm



**Order No.:**10000801000  
Rotor: Swing out rotor  
Capacity: 8×100ml  
Max speed: 4000rpm  
Max RCF: 2980×g  
Tube size: Φ38×114mm



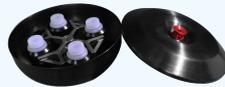
**Order No.:**10004800077  
Rotor: Swing out rotor  
Capacity: 48×2~7ml blood tube  
Max speed: 4000rpm  
Max RCF: 3100×g  
Tube size: Φ13×75~100mm

No.2



**Order No.:**10006400077  
Rotor: Swing out rotor  
Capacity: 64×2~7ml blood tube  
Max speed: 4000rpm  
Max RCF: 3100×g  
Tube size: Φ13×75~100mm

No.3



**Order No.:**10000402500  
Rotor: Swing out rotor  
Capacity: 4×250ml  
Max speed: 5000rpm  
Max RCF: 5200×g  
Tube size: Φ63×111mm

a d a p t e r	Capacity	Order No.
	8×50ml	10200800502
	4×100ml	10200401000
	36×10ml	10203600100
	40×7ml blood tube	10204000077
20×15ml	10202000150	

No.4



**Order No.:**10000600024  
Rotor: Microplate rotor  
Capacity: 2×3×96 well plate  
Max speed: 4000rpm  
Max RCF: 1970×g  
max: 128×87×60mm

No.5



**Order No.:**10000405000  
Rotor: Swing out rotor  
Capacity: 4×500ml  
Max speed: 4000rpm  
Max RCF: 3400×g  
Tube size: Φ80×137mm



**Order No.:**10201600500(normal)  
**Order No.:**10201600501(aerosol tight)  
Adapter(normal)  
Adapter(aerosol tight)  
Capacity: 16×50ml  
Max speed: 4000rpm  
Max RCF: 3400×g  
Tube size: Φ29×116mm



**Order No.:**10203600150(normal)  
**Order No.:**10203600151(aerosol tight)  
Adapter(normal)  
Adapter(aerosol tight)  
Capacity: 36×15ml  
Max speed: 4000rpm  
Max RCF: 3400×g  
Tube size: Φ17×121mm



**Order No.:**10207600077(normal)  
**Order No.:**10207600071(aerosol tight)  
Adapter(normal)  
Adapter(aerosol tight)  
Capacity: 76×2~7ml blood tube  
Max speed: 4000rpm  
Max RCF: 3400×g  
Tube size: Φ13×75~100mm



**Order No.:**10002000500  
Rotor: Swing out rotor  
Capacity: 20×50ml  
Max speed: 4000rpm  
Max RCF: 3400×g  
Tube size: Φ29.5×116mm



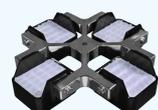
**Order No.:**10004000150  
Rotor: Swing out rotor  
Capacity: 40×15ml  
Max speed: 4000rpm  
Max RCF: 3400×g  
Tube size: Φ17×121mm



**Order No.:**10008000107  
Rotor: Swing out rotor  
Capacity: 80×10ml blood tube  
Max speed: 4000rpm  
Max RCF: 3400×g  
Tube size: Φ15×100mm



**Order No.:**10011200077  
Rotor: Swing out rotor  
Capacity: 112×2~7ml blood tube  
Max speed: 4000rpm  
Max RCF: 3400×g  
Tube size: Φ13×75~100mm



**Order No.:**10010000020  
Rotor: Swing out rotor  
Capacity: 100×1.5ml  
Max speed: 4000rpm  
Max RCF: 3400×g  
Tube size: Φ11×42mm



**Order No.:**10014800050  
Rotor: Swing out rotor  
Capacity: 148×5ml RIA tube  
Max speed: 4000rpm  
Max RCF: 3400×g  
Tube size: Φ13×75~100mm

No.5



**Order No.:**10009600077  
Rotor: Swing out rotor  
Capacity: 96×2~7ml blood tube  
Max speed: 4000rpm  
Max RCF: 3400×g  
Tube size: Φ13×75~100mm



**Order No.:**10000800024  
Rotor: Microplate rotor  
Capacity: 4×2×96 well plate  
Max speed: 4000rpm  
Max RCF: 3400×g  
max: 128×87×60mm



**Order No.:**10000402502  
Rotor: Swing out rotor  
Capacity: 4×250ml conical bottom  
Max speed: 4000rpm  
Max RCF: 3400×g  
Tube size: Φ60×164mm

No.6



**Order No.:**10101200150  
Rotor: Fixed angle rotor  
Capacity: 12×15ml  
Max speed: 6000rpm  
Max RCF: 5120×g  
Tube size: Φ17×121mm

No.7



**Order No.:**10100600500  
Rotor: Fixed angle rotor  
Capacity: 6×50ml  
Max speed: 6000rpm  
Max RCF: 5120×g  
Tube size: Φ29×116mm