

Ventilated | Low speed | Benchtop

TD-5M/TD-6M



TD-5M/6M is a non-refrigerated large capacity centrifuge with a maximum capacity of 2L, which 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 covert automatically
- > User can reset parameters when rotor is spinning

Ensure safety

- > Imbalance detection by three axis gyroscope
- > Microprocessor control
- > Electronic lid lock, controlled by independent motor
- > Lid can only be opened when rotor completely stops spin
- > Hydraulic rod supports the lid
- > Port in the lid for calibration and operation checking
- > Emergency lid-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: Aluminium alloy fixed angle rotor; Stainless steel swing out rotor.
- > Rotors are autoclavable



TECHNICAL DATA

Model	TD-5M/TD-6M
Max Speed	5000rpm/6000rpm
Max RCF	5200xg
Max Capacity	4x500ml
Speed Accuracy	±10rpm

Time Setting	1s ~ 9999s59s
Noise	≤60dB(A)
Power Consumption	600w
Dimension	560x450x415mm
Weight	53kg

AVAILABLE ROTORS

No.1



Rotor: Swing out rotor
Capacity: 4×100ml
Max speed: 5000rpm
Max RCF: 4650×g
Tube size: Φ38×114mm



Rotor: Swing out rotor
Capacity: 4×50ml
Max speed: 5000rpm
Max RCF: 4650×g
Tube size: Φ30×116mm

No.2



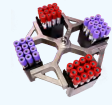
Rotor: Swing out rotor
Capacity: 32×15ml
Max speed: 4000rpm
Max RCF: 2980×g
Tube size: Φ17×121mm



Rotor: Swing out rotor
Capacity: 8×50ml
Max speed: 4000rpm
Max RCF: 2980×g
Tube size: Φ30×116mm

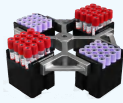


Rotor: Swing out rotor
Capacity: 8×100ml
Max speed: 4000rpm
Max RCF: 2980×g
Tube size: Φ38×114mm



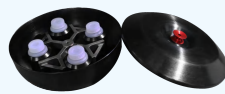
Rotor: Swing out rotor
Capacity: 48×2~7ml blood tube
Max speed: 4000rpm
Max RCF: 3100×g
Tube size: Φ13×75~100mm

No.2



Rotor: Swing out rotor
Capacity: 64×2~7ml blood tube
Max speed: 4000rpm
Max RCF: 3100×g
Tube size: Φ13×75~100mm

No.3



Rotor: Swing out rotor
Capacity: 4×250ml
Max speed: 5000rpm
Max RCF: 5200×g
Tube size: Φ63×111mm

	Capacity	Tube size
a d a p t e r	8×50ml	Φ29.5×116mm
	4×100ml	Φ38×114mm
	36×10ml	Φ16.5×86~110mm
	40×7ml	Φ13×100mm
	20×15ml	Φ17×121mm

No.4



Rotor: Microplate rotor
Capacity: 2×3×96 well plate
Max speed: 4000rpm
Max RCF: 1970×g
max: 128×87×60mm

No.5



Rotor: Swing out rotor
Capacity: 4×500ml
Max speed: 4000rpm
Max RCF: 3400×g
Tube size: Φ80×137mm



Adapter(aerosol tight)
Capacity: 16×50ml
Max speed: 4000rpm
Max RCF: 3400×g
Tube size: Φ29×116mm



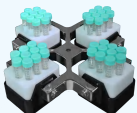
Adapter(aerosol tight)
Capacity: 36×15ml
Max speed: 4000rpm
Max RCF: 3400×g
Tube size: Φ17×121mm



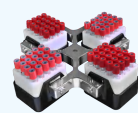
Adapter(aerosol tight)
Capacity: 76×2~7ml blood tube
Max speed: 4000rpm
Max RCF: 3400×g
Tube size: Φ13×75~100mm



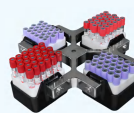
Rotor: Swing out rotor
Capacity: 20×50ml
Max speed: 4000rpm
Max RCF: 3400×g
Tube size: Φ29.5×116mm



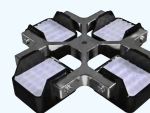
Rotor: Swing out rotor
Capacity: 40×15ml
Max speed: 4000rpm
Max RCF: 3400×g
Tube size: Φ17×121mm



Rotor: Swing out rotor
Capacity: 80×10ml blood tube
Max speed: 4000rpm
Max RCF: 3400×g
Tube size: Φ15×100mm



Rotor: Swing out rotor
Capacity: 112×2~7ml blood tube
Max speed: 4000rpm
Max RCF: 3400×g
Tube size: Φ13×75~100mm



Rotor: Swing out rotor
Capacity: 100×1.5ml
Max speed: 4000rpm
Max RCF: 3400×g
Tube size: Φ11×42mm

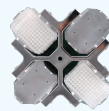


Rotor: Swing out rotor
Capacity: 148×5ml RIA tube
Max speed: 4000rpm
Max RCF: 3400×g
Tube size: Φ13×75~100mm

No.5



Rotor: Swing out rotor
Capacity: 96×2~7ml blood tube
Max speed: 4000rpm
Max RCF: 3400×g
Tube size: Φ13×75~100mm



Rotor: Microplate rotor
Capacity: 4×2×96 well plate
Max speed: 4000rpm
Max RCF: 3400×g
max: 128×87×60mm



Rotor: Swing out rotor
Capacity: 4×250ml conical bottom
Max speed: 4000rpm
Max RCF: 3400×g
Tube size: Φ60×164mm

No.8 (only for TD-6M)



Rotor: Fixed angle rotor
Capacity: 6×50ml
Max speed: 6000rpm
Max RCF: 5120×g
Tube size: Φ29×116mm



Rotor: Fixed angle rotor
Capacity: 12×15ml
Max speed: 6000rpm
Max RCF: 5120×g
Tube size: Φ17×121mm