

Ventilated | Low speed | Benchtop

TD-500



Order No.:010000500

The TD-500 offers exceptional user comfort and a choice of 6 rotors, including the most popular swing out rotors for 15ml and 50ml tube. It adopts intelligent LCD touch screen, easily operate with gloves. Thanks to the strong operation system, it supports the multi-stage centrifugation and can store up to 1000 programs.

FEATURES

User-friendly functions

- > up to 1000 user-defined programs
- > up to 1000 run histories, can be exported via USB
- > up to 40 rates acceleration and deceleration
- > up to 5 stages multi-stage centrifugation mode available
- > up to 99h59m59s timer range, 1s increment

Ensure safety

- > Microprocessor control
- > 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
- > Password to lock the device

LCD touch screen

- > Simple and clear to show all parameters
- > Touch screen, easy to set parameters
- > RCF can be set directly
- > RPM and RCF convert automatically
- > User can set parameters even with gloves
- > User can reset parameters when rotor is spinning

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; Stainless steel swing out rotor.
- > Rotors are autoclavable

TECHNICAL DATA

Max Speed	5000rpm	Acc/Dec Rate	40 rates
Max RCF	4650xg	Noise	≤60dB(A)
Max Capacity	6x50ml	Power Consumption	500w
Speed Accuracy	±10rpm	Dimension	495x400x420mm
Time Setting	1s ~ 99h59m59s	Weight	27kg

AVAILABLE ROTORS

No.1 Order No.:10101200150
 Rotor: Fixed angle rotor
 Capacity:12x15ml
 Max Speed:5000rpm
 Max RCF:3558xg
 Tube Size:17x121mm

No.2 Order No.:10100600500
 Rotor: Fixed angle rotor
 Capacity:6x50ml
 Max Speed:5000rpm
 Max RCF:3558xg
 Tube Size:29x116mm

No.3 Order No.:10002400077
 Rotor: Swing-out rotor
 Capacity:24x7ml blood tube
 Max Speed:5000rpm
 Max RCF:4650xg
 Tube Size:13x75-100mm

No.4 Order No.:10001600150
 Rotor: Swing out rotor
 Capacity:16x15ml
 Max Speed:5000rpm
 Max RCF:4620xg
 Tube Size:17x121mm
Can choose adapters for blood tubes

No.5 Order No.:10000800150
 Rotor: Swing out rotor
 Capacity:8x15ml
 Max Speed:5000rpm
 Max RCF:4620xg
 Tube Size:17x121mm

No.6 Order No.:10000400500
 Rotor: Swing out rotor
 Capacity:4x50ml
 Max Speed:5000rpm
 Max RCF:2976xg
 Tube Size:29x116mm