

Ventilated | Low speed | Benchtop



TD-500

Order No.:0101150000

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
- > Software to prevent overspeed

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 glove
- > User can reset parameters when rotor is spinning

Good components

- > Motor: Brushless variable frequency motor. stable running, maintenance free, long life
- > Housing: Thick and strong steel
- > Chamber: 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
Max RCF	4650xg
Max Capacity	6x50ml
Speed Accuracy	±10rpm
Time Setting	1s ~ 99h59m59s
Noise	≤60dB(A)
Voltage	220v/110v
Power Consumption	500w
Dimension	495x400x320mm
Weight	27kg

AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	12×15ml	0494500300	5000rpm/3558×g	12×1×2ml	1102010001/blood tube 1102010008/micro tube
				12×1×7ml blood tube	1102010002
				12×1×10ml blood tube	1102010003
	6×50ml	0494500400	5000rpm/3558×g	6×1×5ml	1102020001
				6×1×10ml	1102020002
				6×1×10ml glass tube	1102020006
				6×1×15ml conical tube	1102020003
				6×1×30ml	1102020004

Swing out rotor					
Rotor body	Holder	Order No. (Rotor body+holder)	Max speed/RCF	Adaptor	
				Capacity	Order No.
 Order No.: 0495030720	 Capacity: 8×15ml Order No.: 0495030810	0495030800	5000rpm/4620×g	8×1×2ml	1102010008
				8×1×2ml blood tube	1102010001
				8×1×7ml blood tube	1102010002
				8×1×10ml blood tube	1102010003
	 Capacity: 16×15ml Order No.: 0495030910	0495030900	5000rpm/4620×g	16×1×2ml	1102010008
				16×1×2ml blood tube	1102010001
				16×1×7ml blood tube	1102010002
				16×1×10ml blood tube	1102010003
	 Capacity: 4×50ml Order No.: 0495030310	0495030300	4000rpm/2976×g	4×1×5ml	1102020001
				4×1×10ml	1102020002 1102020006/glass tube
				4×1×15ml conical tube	1102020003
				4×1×30ml	1102020004
 Capacity: 24×7ml blood tube Order No.: 0495030710	0495030700	5000rpm/4650×g	/	/	