

Ventilated | Low speed | Benchtop



# TD-500

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.

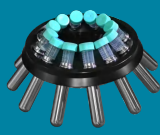





## FEATURES

<p><b>— User-friendly functions</b></p> <ul style="list-style-type: none"> <li>&gt; up to 1000 user-defined programs</li> <li>&gt; up to 1000 run histories, can be exported via USB</li> <li>&gt; up to 40 rates acceleration and deceleration</li> <li>&gt; up to 5 stages multi-stage centrifugation mode available</li> <li>&gt; up to 99h59m59s timer range, 1s increment</li> </ul>	<p><b>— LCD touch screen</b></p> <ul style="list-style-type: none"> <li>&gt; Simple and clear to show all parameters</li> <li>&gt; Touch screen, easy to set parameters</li> <li>&gt; RCF can be set directly</li> <li>&gt; RPM and RCF covert automatically</li> <li>&gt; User can set parameters even with gloves</li> <li>&gt; User can reset parameters when rotor is spinning</li> </ul>
<p><b>— Ensure safety</b></p> <ul style="list-style-type: none"> <li>&gt; Electronic lid lock, controlled by independent motor</li> <li>&gt; Lid can only be opened when rotor completely stops spin</li> <li>&gt; Hydraulic rod supports the lid</li> <li>&gt; Port in the lid for calibration and operation checking</li> <li>&gt; Emergency lid-lock release</li> <li>&gt; Password to lock the device</li> </ul>	<p><b>— Good components</b></p> <ul style="list-style-type: none"> <li>&gt; Motor: Variable frequency motor. stable running, maintenance free, long life</li> <li>&gt; Housing: Thick and strong steel</li> <li>&gt; Chamber: Food grade 304 stainless steel. anticorrosion and easy to clean</li> <li>&gt; Rotor: Aluminium alloy fixed angle rotor; Stainless steel swing out rotor.</li> <li>&gt; Rotors are autoclavable</li> </ul>

## TECHNICAL DATA

Max Speed	5000rpm	Acc/Dec Rate	40 rates
Max RCF	4620xg	Noise	≤60dB(A)
Max Capacity	6x50ml	Power Consumption	500w
Speed Accuracy	±10rpm	Dimension	495x400x310mm
Time Setting	1s ~ 99h59m59s	Weight	25kg

## AVAILABLE ROTORS

 <p><b>No.1-1</b> Rotor: Fixed angle rotor Capacity: 12x15ml Max Speed: 5000rpm Max RCF: 3550xg Tube Size: 17x121mm</p>	 <p><b>No.1-2</b> Rotor: Fixed angle rotor Capacity: 6x50ml Max Speed: 5000rpm Max RCF: 3550xg Tube Size: 29x116mm</p>	 <p><b>No.2</b> Rotor: Swing-out rotor Capacity: 24x7ml blood tube Max Speed: 5000rpm Max RCF: 4000xg Tube Size: 13x75-100mm</p>
 <p><b>No.3-1</b> Rotor: Swing out rotor Capacity: 16x15ml Max Speed: 5000rpm Max RCF: 4620xg Tube Size: 17x121mm <small>Can choose adapters for blood tubes</small></p>	 <p><b>No.3-2</b> Rotor: Swing out rotor Capacity: 8x15ml Max Speed: 5000rpm Max RCF: 4620xg Tube Size: 17x121mm</p>	 <p><b>No.4</b> Rotor: Swing out rotor Capacity: 4x50ml Max Speed: 4000rpm Max RCF: 2690xg Tube Size: 29x116mm</p>