

TD4、TDZ4、TDZ4-WS Bench-top Low Speed Centrifuge

It is a standard equipment for separation and preparation of suspended liquids, basic instrument for various laboratories, hospitals and universities.










Main Features

- Micro-controller and high-torque brushless motor provide stable operation and low noise.
- TFT-LCD true color touch screen and physical button dual operation mode, can change parameters at any time during operation, the operation menu is available in multiple languages (Chinese, English, Russian, Portuguese).
- It has various early warning functions such as over-speed, over temperature, unbalance, under pressure and overpressure, special damping and shock absorption, which makes the motor run safely and reliably, and achieve excellent centrifugal effect.
- The bio-safety airtight angle rotor uses a silicone rubber integral seal (EU RoHS 2015/863) to avoid fully guarantee for the safety of the staff and laboratory environment.
- 304 stainless steel centrifugal chamber and whole-steel casing, one-piece stamped steel front face and three-layer steel protective cover to ensure the safety of workers and laboratories.
- With mechatronic motor door lock.
- Can store 20 sets of user-defined programs (Can be customized according to demand).
- Aviation forged aluminum rotor (angle rotor only) and a variety of adapters are available, can centrifuge various MTP micro-plates, PCR plates, cell plates
- With CFDA & CFDA production qualification, ISO 9001, ISO 13485 and CE certification.

Specification

Model	TD4	TDZ4	TDZ4-WS
Max RCF	2600×g	2600×g	2490×g
Max Capacity	8×20mL	24×10mL	4×100mL
Max Speed	100-4000r/min (±50 rpm steps) can be customized		
Timer Range	1min-99h59min. with continuous run function		
Control and drive system	Large torque AC variable frequency motor, microcomputer control		
Total Power	120W		
Noise level	≤60dB (A)		
Power supply	AC220V 50Hz		
Package dimensions			
Weight			
Dimension			

Rotors Specification

Fixed-Angle Rotor	Figure	TD4	
	 <p>8×20mL</p>	<p>Max Speed : 4000r/min Max RCF : 2200×g Serial No : H010-003-028-301</p>	
Fixed-Angle Rotor	Figure	TDZ4	
	 <p>18×10mL</p>	<p>Max Speed : 4000r/min Max RCF : 2040×g Serial No : H010-003-022-301</p>	 <p>24×10mL</p>
	 <p>12×20mL/15mL</p>	<p>Max Speed : 4000r/min Max RCF : 2600×g Serial No : H010-003-021-301</p>	<p>Max Speed : 4000r/min Max RCF : 2600×g Serial No : H010-003-049-301</p>
Swing Rotor	Figure	TDZ4-WS	
	 <p>12×15mL/10mL</p>	<p>Max Speed : 4000r/min Max RCF : 2360×g Serial No : H001-002-055-201 Cup serial No : H001-002-055-208</p>	 <p>4×50mL</p>
	 <p>4×100mL</p>	<p>Max Speed : 4000r/min Max RCF : 2490×g Serial No : H001-002-054-201 Cup serial No : H001-002-054-208 See the Appendix No1 for optional adapters</p>	<p>Max Speed : 4000r/min Max RCF : 2360×g Serial No : H001-002-063-201 Cup serial No : H001-002-063-208</p>