

TD5A、TD5、TDZ5、TDZ5-WS Bench-top Low Speed Centrifuge

Herexi's classic best-selling model, with a variety of tube racks and adapters, used for clinical testing and laboratory analysis.




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	TD5A	TD5	TDZ5	TDZ5-WS
Max Speed	5500r/min	5000r/min	5000r/min	5000r/min
Max RCF	4800×g	4800×g	4800×g	4514×g
Max Capacity	4×250mL	4×250mL	4×100mL	4×100mL
Timer Range	1min-99h59min, with continuous run function			
Speed Adjustment	±50rrpm steps (can be customized)			
Control and drive system	Large torque AC variable frequency motor, microcomputer control			
Noise level	≤60dB (A)			
Power supply	AC220V 50Hz			
Total Power	500W	500W	450W	350W
Weight	35kg	35kg	35kg	25kg
Dimention (L×W×H)	600×540×360mm	600×540×360mm	600×540×360mm	500×400×300mm
Package dimensions				

Rotors Specification

	Figure	TD5A	TD5	TDZ5	TDZ5-WS
Fixed-Angle Rotor	 12×15mL/10mL	Max Speed : 5500r/min Max RCF : 3382×g Serial No : H008-003-018-301			Max Speed : 5000r/min Max RCF : 3120×g Serial No : H008-003-018-301
	 12×20mL/15mL				Max Speed : 4000r/min Max RCF : 2600×g Serial No : H009-003-021-301
Swing Rotor	 48×5mL	Max Speed : 4000r/min Max RCF : 2960×g Serial No : H008-002-065-201 Cup serial No : H002-002-121-221			
	 48×5mL/2mL (Vacuum tube)	Max Speed : 4000r/min Max RCF : 2960×g Serial No : H008-002-065-201 Cup serial No : H002-002-058-221			
	 76×5mL/2mL (Vacuum tube)	Max Speed : 4000r/min Max RCF : 3080×g Serial No : H002-002-085-201 Cup serial No : H002-002-061-202			

Swing Rotor

Figure	TD5A	TD5	TDZ5	TDZ5-WS
 16×15mL/10mL				Max Speed : 4000r/min Max RCF : 2764×g Serial No : H009-002-066-201 Cup serial No : H009-002-044-208
 24×15mL/10mL	Max Speed : 5000r/min Max RCF : 4620×g Serial No : H008-002-065-201 挂杯货号 : H006-002-023-208	Max Speed : 4000r/min Max RCF : 2960×g Serial No : H008-002-065-201 挂杯货号 : H006-002-023-208	Max Speed : 4000r/min Max RCF : 2960×g Serial No : H009-002-066-201 Cup serial No : H006-002-023-208	
 32×15mL/10mL	Max Speed : 4000r/min Max RCF : 2960×g Serial No : H008-002-065-201 Cup serial No : H002-002-050-208			
 4×50mL	Max Speed : 5000r/min Max RCF : 4600×g Serial No : H008-002-065-201 Cup serial No : H009-002-056-208 See the Appendix No1 for optional adapters			Max Speed : 5000r/min Max RCF : 4318×g Serial No : H009-002-066-201 Cup serial No : H009-002-056-208 See the Appendix No1 for optional adapters
 8×50mL	Max Speed : 4000r/min Max RCF : 2960×g Serial No : H008-002-065-201 Cup serial No : H002-002-048-208 See the Appendix No1 for optional adapters			
 4×100mL	Max Speed : 5000r/min Max RCF : 4800×g Serial No : H008-002-065-201 Cup serial No : H009-002-064-208 See the Appendix No1 for optional adapters			Max Speed : 5000r/min Max RCF : 4514×g Serial No : H009-002-066-201 Cup serial No : H009-002-064-208 See the Appendix No1 for optional adapters
 4×250mL	Max Speed : 4000r/min Max RCF : 2780×g Serial No : H002-002-085-201 Cup serial No : H002-002-085-202 See the Appendix No1 for optional adapters			
 2×2×96hole	Max Speed : 4000r/min Max RCF : 2360×g Serial No : H002-002-053-201 Cup serial No : H002-002-053-221			

Swing micro-plate rotor