

DD5M、TL5R、TL6R、TL8R Floor-standing Low Speed Large Capacity Centrifuge

With a capacity up to 3L. It is widely used in experiments and scientific research in the fields of biology, chemistry, medicine, agriculture and forestry, food safety, blood stations, clinical trials, etc.



Main Features

- PLC and touch screen (in line with EU CE electrical standards), with control panel and high torque AC variable frequency motor, for stable operation and low noise, providing a comfortable laboratory environment.
- Wide temperature control range: -20 °C +40°C, can be set during the operation of the centrifuge; with pre-cooling function, it can quickly cool down to the set temperature degree; with standby cooling function, .
- It has various early warning functions such as over-speed, over temperature, unbalance, under pressure and overpressure, three- stage damping and shock absorption, which makes the motor run safely and reliably, and achieve excellent centrifugal effect.
- TFT-LCD true color touch screen, can display setting parameters and operating parameters at the same time, the operation interface is simple and easy to use, can display the speed rise curve, centrifugal integral curve, temperature curve. the operation menu can provide multi- language (Chinese, English, Russian, Portuguese).
- 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.
- Can store 20 sets of user-defined programs (Can be customized according to demand).
- With CFDA & CFDA production qualification, ISO 9001, ISO 13485 and CE certification.

Specification

Model	DD5M	TL5R	TL6R	TL8R
Max Speed	5000r/min	5500r/min	6500r/min	8000r/min
Max RCF	4800×g	4800×g	4800×g	6142×g
Max Capacity	6×500mL	4×750mL	4×750mL	4×750mL
Cooling System	Optional	R404a	R404a	R404a
Temp range		-20°C ~ +40°C	-20°C ~ +40°C	-20°C ~ +40°C
Temp adjustment range		±1°C	±1°C	±1°C
Speed Adjustment	±50rrpm steps (can be customized)			
Operation program	20 set			
Control and drive system	Large torque AC variable frequency motor, microcomputer control			
Timer Range	1min-99h59min, with continuous run function			
Noise level	≤65dB (A)			
Total Power	0.8kW/2.0kW	2.0kW	2.0kW	2.0kW
Weight	85kg/180kg	150kg	150kg	150kg
Dimention(L×W×H)	740×620×900mm	710×560×770mm	710×560×770mm	710×560×770mm
Package dimensions				

Rotors Specification



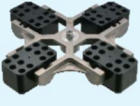















	Figure	DD5M	TL5R	TL6R	TL8R
Fixed-Angle Rotor	 12×10mL			Max Speed: 6500r/min Max RCF: 4055×g Serial No: H002-003-006-301 With Bio-isolated sealed rotor cover	Max Speed: 8000r/min Max RCF: 6142×g Serial No: H002-003-006-301 With Bio-isolated sealed rotor cover
	 12×15mL/10mL		Max Speed: 5500r/min Max RCF: 3140×g Serial No: H008-003-018-301		
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: H002-002-060-202	Max Speed: 4000r/min Max RCF: 3080×g Serial No : H002-002-085-201 Cup serial No: H002-002-061-202		
	 148×5mL/2mL (Vacuum tube)	Max Speed: 4000r/min Max RCF: 3420×g Serial No: H016-002-112-201 Cup serial No: H016-002-113-202	Max Speed: 4000r/min Max RCF: 3420×g Serial No: H016-002-112-201 Cup serial No: H007-002-062-202		
	 16×15mL/10mL	Max Speed: 4000r/min Max RCF: 2960×g Serial No: H008-002-065-201 Cup serial No: H009-002-044-208			
	 24×15mL/10mL		Max Speed: 4000r/min Max RCF: 2960×g Serial No: H008-002-065-201 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		

Figure	DD5M	TL5R	TL6R	TL8R
 <p>8×50mL</p>			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	
 <p>4×100mL</p>			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	
 <p>4×250mL (Conical bottom)</p>			Max Speed: 4000r/min Max RCF: 2780×g Serial No: H002-002-085-201 Cup serial No: H002-002-080-202	
 <p>4×250mL (Flat bottom)</p>			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	
 <p>4×500mL</p>			Max Speed: 4000r/min Max RCF: 3580×g Serial No: H011-002-042-201 Cup serial No: H011-002-042-202 See the Appendix No1 for optional adapters	
 <p>6×500mL</p>	Max Speed: 3600r/min Max RCF: 2850×g Serial No: H016-002-045-201 Cup serial No: H016-002-045-202			
 <p>4×750mL</p>			Max Speed: 4000r/min Max RCF: 3520×g Serial No: H011-002-041-201 Cup serial No: H011-002-041-202 See the Appendix No1 for optional adapters	
 <p>2×2×96hole</p>			Max Speed: 4000r/min Max RCF: 2360×g Serial No: H002-002-053-201 Cup serial No: H002-002-053-221	
 <p>4×2×96hole</p>			Max Speed: 4000r/min Max RCF: 3148×g Serial No: H011-002-051-201 Cup serial No: H011-002-051-221	

Swing Rotor

Swing micro-plate rotor