

H/T16MM、H/T18MM、H/T20MM High Speed Centrifuge

It can separate samples at high speed ($\geq 16500\text{r/min}$) with large capacity up to 50ml.

Can be equipped with 13 different type of optional rotors, and also can be equipped with wide variety of adapters, a multi-purpose machine 6 × 50mL angle rotors are widely used in various fields.



Main Features

- Micro-controller and high-torque brushless motor provide stable operation and low noise.
- Wide temperature control range: $-20\text{ }^{\circ}\text{C}$ $+40\text{ }^{\circ}\text{C}$, 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 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).
- 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).
- Aviation forged aluminum rotor (angle rotor only) and a variety of adapters are available, suitable for 0.2mL to 100mL centrifuge tubes.
- With CFDA & CFDA production qualification, ISO 9001, ISO 13485 and CE certification.









Specification

Model	H/T16MM	H/T18MM	H/T20MM
Max Speed	16500r/min	18500r/min	20000r/min
Max RCF	18780×g	23610×g	27596×g
Max Capacity	4×100mL		
Speed Adjustment	±50rrpm steps (can be customized)		
Control and drive system	Large torque AC variable frequency motor, microcomputer control		
Timer Range	0-99h59min		
Noise leve	≤60dB		
Power supply	AC220V 50Hz		
Total Power	500W		
Weight	73kg		
Dimendion (L×W×H)	710×630×350mm		
Package dimensions			

Rotors Specification

Figure	H/T16MM	H/T18MM	H/T20MM
 <p>12×1.5mL/2.0mL</p>	<p>Max Speed : 16500r/min Max RCF : 18780×g Serial No : H001-003-001-301</p>	<p>Max Speed : 18500r/min Max RCF : 23610×g Serial No : H001-003-038-301</p>	<p>Max Speed : 20000r/min Max RCF : 27596×g Serial No : H001-003-038-301</p>
 <p>18×1.5mL/2.0mL</p>	<p>Max Speed : 15000r/min Max RCF : 18111×g Serial No : H001-003-002-301</p>	<p>Max Speed : 15000r/min Max RCF : 18111×g Serial No : H001-003-002-301</p>	<p>Max Speed : 15000r/min Max RCF : 18111×g Serial No : H001-003-002-301</p>
 <p>24×1.5mL/2.0mL</p>	<p>Max Speed : 14000r/min Max RCF : 18220×g Serial No : H001-003-003-301 Bio-isolated sealed rotor</p>	<p>Max Speed : 14000r/min Max RCF : 18220×g Serial No : H001-003-003-301 Bio-isolated sealed rotor</p>	<p>Max Speed : 14000r/min Max RCF : 18220×g Serial No : H001-003-003-301 Bio-isolated sealed rotor</p>
 <p>10×5mL</p>	<p>Max Speed : 13500r/min Max RCF : 12570×g Serial No : H001-003-004-301 Bio-isolated sealed rotor</p>	<p>Max Speed : 14000r/min Max RCF : 13520×g Serial No : H001-003-004-301 Bio-isolated sealed rotor</p>	<p>Max Speed : 14000r/min Max RCF : 13520×g Serial No : H001-003-004-301 Bio-isolated sealed rotor</p>
 <p>12×10mL/5mL</p>	<p>Max Speed : 12000r/min Max RCF : 13820×g Serial No : H001-003-033-301 Bio-isolated sealed rotor</p>	<p>Max Speed : 12000r/min Max RCF : 13820×g Serial No : H001-003-033-301 Bio-isolated sealed rotor</p>	<p>Max Speed : 12000r/min Max RCF : 13820×g Serial No : H001-003-033-301 Bio-isolated sealed rotor</p>

Fixed-Angle Rotor

	Figure	H/T16MM	H/T18MM	H/T20MM
Fixed-Angle Rotor	 8×15mL (conical bottom)	Max Speed : 12000r/min Max RCF : 14830×g Serial No : H001-003-013-301 Bio-isolated sealed rotor	Max Speed : 12000r/min Max RCF : 14830×g Serial No : H001-003-013-301 Bio-isolated sealed rotor	Max Speed : 12000r/min Max RCF : 14830×g Serial No : H001-003-013-301 Bio-isolated sealed rotor
	 8×15mL (Round bottom)	Max Speed : 12000r/min Max RCF : 14830×g Serial No : H001-003-037-301 Bio-isolated sealed rotor	Max Speed : 12000r/min Max RCF : 14830×g Serial No : H001-003-037-301 Bio-isolated sealed rotor	Max Speed : 12000r/min Max RCF : 14830×g Serial No : H001-003-037-301 Bio-isolated sealed rotor
	 6×50mL (conical bottom)	Max Speed : 11000r/min Max RCF : 12700×g Serial No : H001-003-009-301 Bio-isolated sealed rotor	Max Speed : 11000r/min Max RCF : 12700×g Serial No : H001-003-009-301 Bio-isolated sealed rotor	Max Speed : 11000r/min Max RCF : 12700×g Serial No : H001-003-009-301 Bio-isolated sealed rotor
	 6×50mL (Round bottom)	Max Speed : 11000r/min Max RCF : 11610×g Serial No : H001-003-008-301 Bio-isolated sealed rotor	Max Speed : 11000r/min Max RCF : 11610×g Serial No : H001-003-008-301 Bio-isolated sealed rotor	Max Speed : 11000r/min Max RCF : 11610×g Serial No : H001-003-008-301 Bio-isolated sealed rotor
	 6×50mL (Through-hole)	Max Speed : 6000r/min Max RCF : 3670×g Serial No : H001-003-017-301	Max Speed : 6000r/min Max RCF : 3670×g Serial No : H001-003-017-301	Max Speed : 6000r/min Max RCF : 3670×g Serial No : H001-003-017-301
	Swing Rotor	 12×10mL	Max Speed : 4000r/min Max RCF : 2360×g Serial No : H001-002-055-201 Cup serial No : H001-002-055-208	
 4×100mL		Max Speed : 4000r/min Max RCF : 2490×g Serial No : H001-002-054-201 Cup serial No : H001-002-054-208		
Swing micro-plate rotor	 2×2×48hole	Max Speed : 3000r/min Max RCF : 1120×g Serial No : H001-002-052-201 Cup serial No : H001-002-052-221		