HR/T16M、HR/T20M Bench-top High Speed Refrigerated Centrifuge

Mainly used in the fields of biochemistry, medical and health, food safety, life sciences, agriculture and forestry science, animal husbandry science, blood bank, blood station, biological products, pharmaceutical products, etc. for bacteria, protein precipitation, nucleic acid extraction, cell component separation, environmental protection.

Main Features

- Micro-controller and high-torque brushless motor provide stable operation and low noise.
- 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 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), can display the speed rise curve, centrifugal integral curve, temperature curve.
- Aviation forged aluminum rotor (angle rotor only) and a variety of adapters are available, can centrifuge various MTP micro-plates, PCR plates, cell plates
- The diamond shape is beautiful, and more suitable for corner placement, saving lab limited bench space.
- With CFDA & CFDA production qualification, ISO 9001, ISO 13485 and CE certification.

Specification

Model	HR/T16M	HR/T20M
Max Speed	16000r/min	20000r/min
Max RCF	17660×g	27600×g
Max Capacity	12×10mL	6×50mL
Standard rotor	12×1.5/2.0mL	
Speed Adjustment	±50rrpm steps (can be customized)	
Cooling System	R404a	
Control and drive system	Large torque AC variable frequency motor, microcomputer control	
Temp control range	- 20℃ ~ +40℃	
Temp adjustment accuracy	±1℃	
Timer Range	1min-99h59min，with continuous run function	
Noise leve	≤60dB (A)	
Power supply	1.5kW	
Total Power	AC220V 50Hz	
Weight	73kg	
Dimendion (L×W×H)	710×630×350mm	
Package dimensions		

Rotors Specification

Figure	HR/T16M	HR/T20M
12×1.5mL/2.0mL	Max Speed : 16000r/min Max RCF : 17660×g Serial No : H001-003-001-301	Max Speed : 20000r/min Max RCF : 27600×g Serial No : H001-003-038-301
24×1.5mL/2.0mL	Max Speed : 13500r/min Max RCF : 16950×g Serial No : H001-003-003-301 Bio-isolated sealed rotor	Max Speed : 13500r/min Max RCF : 16950×g Serial No : H001-003-003-301 Bio-isolated sealed rotor
10×5mL	Max Speed : 13000r/min Max RCF : 11660×g Serial No : H001-003-004-301 Bio-isolated sealed rotor	Max Speed : 16000r/min Max RCF : 17660×g Serial No : H001-003-004-301 Bio-isolated sealed rotor
12×10mL/5mL	Max Speed : 12000r/min Max RCF : 13820×g Serial No : H001-003-033-301 Bio-isolated sealed rotor	Max Speed : 12000r/min Max RCF : 13820×g Serial No : H001-003-033-301 Bio-isolated sealed rotor
12×10mL (Through-hole)	Max Speed : 6000r/min Max RCF : 3740×g Serial No : H001-003-018-301	Max Speed : 6000r/min Max RCF : 3740×g Serial No : H001-003-018-301
6×50mL (conical bottom)		Max Speed : 12000r/min Max RCF : 15120×g Serial No : H001-003-009-301 Bio-isolated sealed rotor
6×50mL (Round bottom)		Max Speed : 12000r/min Max RCF : 13820×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 : H005-003-017-301

Fixed-Angle Rotor