

HR/T20MM Floor-standing High Speed Refrigerated Centrifuge



The capacity is up to 4×750mL, mainly used in the fields of biochemistry, medical and health, food safety, life science, agriculture and forestry science, animal husbandry science, blood bank, biological products, pharmaceutical products, 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 16 sets of user-defined programs (Can be customized according to demand).
- Aviation forged aluminum rotors (angle rotors only) and a variety of adapters are available,suitable for 1.5mL to 750mL centrifuge tubes or reagent bottles; can centrifuge various MTP micro-plates, PCR plates, cell plates.
- With CFDA & CFDA production qualification, ISO 9001, ISO 13485 and CE certification.

Rotors Specification

Model	HR/T20MM
Max Capacity	4×750mL
Max Speed	20600r/min
Max RCF	29280×g
Standard rotor	12×1.5/2.0mL
Speed Adjustment	±50 rpm steps (can be customized)
Cooling System	R404a
Temp control range	- 20°C ~ +40°C
Temp adjustment	±1°C
Operation program	20sets
Control and drive system	Large torque AC variable frequency motor, microcomputer control
Total Power	2.0kW
Timer Range	1min-99h59min, with continuous run function
Noise level	≤65dB (A)
Rotor recognition	Automatic Recognition
Weight	150kg
Dimention (L×W×H)	710×560×770mm
Package dimensions	

Rotors Specification

	Figure	Parameter	Figure	Parameter
Fixed-Angle Rotor	 12×1.5/2.0mL	Max Speed: 20600r/min Max RCF: 29280×g Serial No: : H002-003-038-301	 24×1.5/2.0mL	Max Speed: 14000r/min Max RCF: 18220×g Serial No: : H002-003-003-301 Bio-isolated sealed rotor cover
	 12×10mL/5mL	Max Speed: 14000r/min Max RCF: 18810×g Serial No: : H002-003-006-301 Bio-isolated sealed rotor cover	 8×15mL (conical bottom)	Max Speed: 12000r/min Max RCF: 14830×g Serial No: : H002-003-013-301 Bio-isolated sealed rotor cover
	 8×15mL (Round bottom)	Max Speed: 12000r/min Max RCF: 14830×g Serial No: : H002-003-037-301 Bio-isolated sealed rotor cover	 6×50mL (conical bottom)	Max Speed: 12000r/min Max RCF: 15120×g Serial No: : H002-003-009-301 Bio-isolated sealed rotor cover
	 6×50mL (Round bottom)	Max Speed: 12000r/min Max RCF: 13820×g Serial No: : H002-003-008-301 Bio-isolated sealed rotor cover	 8×50mL (conical bottom)	Max Speed: 10000r/min Max RCF: 14880×g Serial No: : H002-003-094-301 Bio-isolated sealed rotor cover
	 8×50mL (Round bottom)	Max Speed: 10000r/min Max RCF: 13800×g Serial No: H002-003-019-301 Bio-isolated sealed rotor cover	 6×100mL	Max Speed: 11000r/min Max RCF: 13310×g Serial No: : H002-003-011-301 Bio-isolated sealed rotor cover
	 6×250mL	Max Speed: 8000r/min Max RCF: 9660×g Serial No: H002-003-012-301 Bio-isolated sealed rotor cover		
Swing Rotor	 4×250mL (conical bottom)	Max Speed: 4000r/min Max RCF: 2780×g Serial No: : H002-002-085-201 Cup serial No: H002-002-080-202	 4×250mL (Flat bottom)	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
	 4×500mL	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	 4×750mL	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
Swing micro-plate rotor	 2×2×96hole	Max Speed: 4000r/min Max RCF: 2360×g Serial No: : H002-002-053-201 Cup serial No: H002-002-053-221	 4×2×96hole	Max Speed: 4000r/min Max RCF: 3150×g Serial No: : H011-002-051-201 Cup serial No: H011-002-051-221