

HR/T16MM Microscale High Speed Refrigerated Centrifuge

Can be combined with PCR8 tube, can quickly precipitate and separate DNA, RNA, protein and virus under 18780×g centrifugal force, applied to bacteria, protein precipitation, nucleic acid extraction, cell component separation, environmental sample treatment, clinical test sample Processing and so on.



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).
- Aviation forged aluminum rotor (angle rotor only) and a variety of adapters are available, suitable for 0.2mL to 2.0mL centrifuge tubes, supporting PCR eight-row tube.
- With CFDA & CFDA production qualification, ISO 9001, ISO 13485 and CE certification.

Specification

Model	HR/T16MM
Max Capacity	24×1.5mL/2.0mL
Max Speed	16500r/min
Max RCF	18780×g
Standard rotor	24×1.5mL/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°C ~ 40°C
Temp adjustment accuracy	±1°C
Timer Range	1min-99h59min, with continuous run function
Noise leve	≤60dB (A)
Power supply	AV220V 50Hz
Dimention (L×W×H)	680×350×300mm
Package dimensions	

Rotors Specification

	Figure	Parameter	Figure	Parameter
Fixed - Angle Rotor	 12×1.5mL/2.0mL	Max Speed : 16500r/min Max RCF : 18780×g Serial No : H001-003-001-301	 24×1.5mL/2.0mL	Max Speed : 13500r/min Max RCF : 16940×g Serial No : H001-003-003-301 Bio-isolated sealed rotor
	PCR Rotor	 2×8×0.2mL	Max Speed : 15000r/min Max RCF : 11030×g Serial No : H003-003-034-301	 4×8×0.2mL