

# HR26M、HR21M、HR20M Floor-standing High Speed Refrigerated Centrifuge

With a capacity up to 3L designed for high speed requirements, available with a continuous flow rotor (for HR21M only) and a titanium rotor (for HR26M only). Widely used in clinical medicine, genetic engineering, universities, research and pharmaceuticals.



## 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:  $-20^{\circ}\text{C}$   $+40^{\circ}\text{C}$ , 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, 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.
- With CFDA & CFDA production qualification, ISO 9001, ISO 13485 and CE certification.

## Specification

Model	HR26M	HR21M	HR20M
Max Speed	25000r/min	21000r/min	20000r/min
Max RCF	58696×g	48811×g	44272×g
Max Capacity	4×1000mL	6×500mL	6×500mL
Speed Adjustment	(±50 rpm steps) can be customized		
Cooling System	R404a		
Temp control range	- 20°C ~ +40°C		
Temp adjustment accuracy	±1°C		
Operation program	16set		
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	4.0kW	4.0kW	4.0kW
Weight	260kg	240kg	240kg
Dimention ( L×W×H )	840×730×960mm	820×710×950mm	820×710×950mm
Package dimensions			

## Rotors Specification

Figure	HR26M	HR21M	HR20M
 24×1.5/2.0mL	Max Speed: 25000r/min Max RCF: 58696×g Serial No: H012-003-003-301 Bio-isolated sealed rotor cover Titanium alloy rotor		
 16×10mL		Max Speed: 21000r/min Max RCF: 48811×g Serial No: H012-003-079-301 Bio-isolated sealed rotor cover	Max Speed: 20000r/min Max RCF: 44272×g Serial No: H012-003-079-301 Bio-isolated sealed rotor cover
 6×50mL ( Round bottom )		Max Speed: 20000r/min Max RCF: 42036×g Serial No: H012-003-008-301 Bio-isolated sealed rotor cover	Max Speed: 20000r/min Max RCF: 42036×g Serial No: H012-003-008-301 Bio-isolated sealed rotor cover

Fixed-Angle Rotor

Fixed-Angle Rotor

Figure	HR26M	HR21M	HR20M
 <p>6×50mL ( conical bottom )</p>		<p>Max Speed: 18000r/min Max RCF: 33687×g Serial No: H012-003-009-301 Bio-isolated sealed rotor cover</p>	<p>Max Speed: 18000r/min Max RCF: 33687×g Serial No: H012-003-009-301 Bio-isolated sealed rotor cover</p>
 <p>8×50mL ( Round bottom )</p>	<p>Max Speed: 21000r/min Max RCF: 48318×g Serial No: H012-003-019-301 Bio-isolated sealed rotor cover</p>	<p>Max Speed: 16000r/min Max RCF: 28048×g Serial No: H012-003-019-301 Bio-isolated sealed rotor cover</p>	<p>Max Speed: 16000r/min Max RCF: 28048×g Serial No: H012-003-019-301 Bio-isolated sealed rotor cover</p>
 <p>8×50mL ( conical bottom )</p>	<p>Max Speed: 21000r/min Max RCF: 51768×g Serial No: H012-003-094-301 Bio-isolated sealed rotor cover</p>	<p>Max Speed: 16000r/min Max RCF: 30052×g Serial No: H012-003-094-301 Bio-isolated sealed rotor cover</p>	<p>Max Speed: 16000r/min Max RCF: 30052×g Serial No: H012-003-094-301 Bio-isolated sealed rotor cover</p>
 <p>8×100mL</p>		<p>Max Speed: 12000r/min Max RCF: 18837×g Serial No: H012-003-095-301 Bio-isolated sealed rotor cover</p>	<p>Max Speed: 12000r/min Max RCF: 18837×g Serial No: H012-003-095-301 Bio-isolated sealed rotor cover</p>
 <p>6×250mL/300mL</p>	<p>Max Speed: 12000r/min Max RCF: 21734×g Serial No: H012-003-012-301 Bio-isolated sealed rotor cover</p>	<p>Max Speed: 12000r/min Max RCF: 21734×g Serial No: H012-003-012-301 Bio-isolated sealed rotor cover</p>	<p>Max Speed: 12000r/min Max RCF: 21734×g Serial No: H012-003-012-301 Bio-isolated sealed rotor cover</p>
 <p>6×500mL ( Backman bottle )</p>	<p>Max Speed: 10000r/min Max RCF: 17776×g Serial No: H012-003-093-301 Bio-isolated sealed rotor cover</p>	<p>Max Speed: 8000r/min Max RCF: 11377×g Serial No: H012-003-093-301 Bio-isolated sealed rotor cover</p>	<p>Max Speed: 8000r/min Max RCF: 11377×g Serial No: H012-003-093-301 Bio-isolated sealed rotor cover</p>
 <p>4×1000mL</p>	<p>Max Speed: 8000r/min Max RCF: 12594×g Serial No: H012-003-120-301 Bio-isolated sealed rotor cover</p>		
 <p>3000mL</p>		<p>Max Speed: 8000r/min Max RCF: 9444×g Serial No: H012-003-118-301</p>	

continuous flow rotor