

HM16R

High speed refrigerated centrifuge
















Main purpose

The HM16R high-speed freezing centrifuge combines powerful functions, high versatility, and simple operability. It adopts innovative control technology, reliable quality, and superior performance, and is widely used in medical clinical biochemistry, hematology, immunology, clinical research, molecular biology research, and routine analysis in industrial laboratories. It is more prominent in experimental research on genetic genes, protein nucleic acids, and PCR products.

Product Explanation



Angle rotor parameter

			
16R A-1 Angle rotor 1.5/2ml×24 16000rpm/23470×g	16R A-1(2) Angle rotor 1.5/2ml×18 16000rpm/19550×g	16R A-2 Angle rotor 1.5/2ml×36 14000rpm/17970×g	16R A-3 Angle rotor 0.5ml×36 15000rpm/16350×g
			
16R A-4 Angle rotor 5ml×12 16000rpm/18890×g	16R A-4(2) Angle rotor 5ml×8 16000rpm/19380×g	16R A-5 Angle rotor 0.2ml×8×4 14800rpm/16200×g	16R A-6 Angle rotor 15ml×8 13000rpm/17570×g
			
16R A-7 Angle rotor 50ml×6 12000rpm/14750×g	16R A-8 Angle rotor 100ml×4 12000rpm/15940×g	16R A-9 Angle rotor 10ml×12 13000rpm/15315×g	
<hr/>			
			
A-1.1 adapter 0.2ml	A-1.2 adapter 0.5ml	A-7.1 adapter 15ml	A-7.2 adapter 50ml

Product advantages

- Wide selection of rotating heads and adapters, suitable for all commonly used centrifugal pipes;
The imported refrigeration compressor set R134a is an environmentally friendly refrigerant with PID digital temperature control, resulting in faster and more accurate cooling effect. It can still maintain the sample at 4 °C at the highest speed;
The independent Pre Cooling quick pre cooling function on the panel can be used in a very short time to reach 4 °C at room temperature;
The rotating head automatically recognizes the current maximum rotor speed and can also be manually set and imbalance detected to ensure centrifugal safety;
Separate Flash instantaneous centrifugal button, press and turn;
The electric suction double door lock design allows for quick closure of the door cover with just one press, making it quieter and safer;
The centrifugal door cover is supported by double air rods, making the opening and closing of the door smoother and the opening height lower;
30 custom storage programs/5 quick storage program calls on the panel, making it more convenient and efficient;
Equipped with compressor start stop function, the compressor automatically stops working when the door cover is opened, and the compressor starts again after the door cover is closed, which is more energy-saving and environmentally friendly;
- The centrifugal chamber is coated with Teflon to resist centrifugation of highly corrosive samples;
The door cover sealing ring is formed using an imported gas-phase adhesive integrated mold, which meets the requirements of long service life and has better sealing effect;
7-inch IPS full view 16 million color true color LCD display with adjustable brightness, fully meeting the health requirements; The external USB2.0 interface facilitates system upgrade and experimental data download;
Two methods, built-in start timing and stable timing, can effectively calculate the centrifugal efficiency;
Various shutdown music ringtones, with adjustable duration for music and prompt tones, make the experiment more comfortable;
Equipped with a soft start function, the soft start circuit can prevent sudden current flow in the circuit during power on. It slows down the rise rate of output voltage by minimizing overcurrent during startup. It helps to protect equipment or electronic components from damage caused by instantaneous high input currents;
Equipped with experimental parameter recording function, real-time viewing of operation records;