

# LR6M、LR8M、LR10M Low Speed Large Capacity Refrigerated Centrifuge

Widely used in medical (hospital, CDC, blood bank, animal husbandry, radioimmunoassay); research (higher institutions, research institutes, research and development centers, laboratories); production (bioengineering, biopharmaceuticals, genetic engineering, biology) Chemical, plant extract, blood preparation, food processing, petrochemical, cream separation) and other fields.






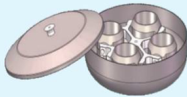

## Main Features

- 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.
- Variable frequency drive system and automatic control system to ensure steady and reliable operation.
- 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, . Maximum capacity  $6\times 1000\text{ml}$ .
- 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.
- 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.
- 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).
- Can store 20 sets of user-defined programs (Can be customized according to demand).
- With CFDA & CFDA production qualification, ISO 9001, ISO 13485 and CE certification.

## Specification

Model	LR6M	LR8M	LR10M
Max Capacity	6×1000mL	6×1000mL	6×1000mL
Max Speed	6000r/min	8000r/min	10000r/min
Max RCF	5167×g	11377×g	15093×g
Speed Adjustment	±50rrpm steps (can be customized)		
Cooling System	R404a		
Temp range	- 20°C ~ +40°C		
Temp control range	±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		
Total Power	4.0kW	4.0kW	5.7kW
Noise level	<65dB ( A )	<65dB ( A )	<65dB ( A )
Weight	270kg	270kg	280Kg
Dimention ( L×W×H )	840×730×950mm	840×730×950mm	840×730×950mm
Package dimensions			

## Rotors Specification

	Figure	LR6M	LR8M	LR10M
Fixed-Angle Rotor	 6×250mL			Max Speed: 10000r/min Max RCF: 15093×g Serial No: H013-003-012-301 With Bio-isolated sealed rotor cover
	 6×500mL		Max Speed: 8000r/min Max RCF: 11735×g Serial No: H015-003-093-301 With Bio-isolated sealed rotor cover	Max Speed: 8000r/min Max RCF: 11377×g Serial No: H015-003-093-301 With Bio-isolated sealed rotor cover
	 6×1000mL ( Backman bottle )			Max Speed: 7000r/min Max RCF: 11011×g Serial No: H013-003-097-301 With Bio-isolated sealed rotor cover
Swing Rotor	 4×1000mL		Max Speed: 4000r/min Max RCF: 4508×g Serial No: H015-002-099-201 Cup serial No: H015-002-099-202	Max Speed: 4000r/min Max RCF: 4050×g Serial No: H015-002-099-201 Cup serial No: H015-002-099-202
	 6×1000mL		Max Speed: 4200r/min Max RCF: 5167×g Serial No: H015-002-092-201 Cup serial No: H015-002-092-202	