

Low Speed Refrigerated Centrifuge FM-LRC-A103



Description :

Low Speed Refrigerated Centrifuge FM-LRC-A103 is a vertical floor type centrifuge with 4500 rpm maximum specimen spinning speed with 3524 xg centrifugal force. Features swing rotor with maximum capacity of 4 × 300 ml and LCD digital display to set centrifugal time, rotational speed and centrifugal power. Integrated refrigeration system with temperature range of -20 to +40°C make it ideal for wide range of low speed separations.

Specifications :

Maximum speed	4500 rpm
Maximum RCF	3524 xg
Swing rotor capacity	4 × 300 ml
Speed accuracy	± 10 rpm
Temperature range	-20 to +40°C
Temperature accuracy	± 2°C
Noise	≤ 56 dB
Timer range	1min to 99 min continuous
Power supply	AC 220V 50Hz
Power	2.0 kVA
Weight	80 kg
Dimension (L×W×H)	680 × 710 × 525 mm

Features :

- Micro-computer control system with electronic lock design
- AC variable-conversion motor to deliver high torque
- Low temperature ranges of -20 to +40°C
- Maximum spin speed 4500 rpm with 3524 ×g RCF
- Equipped with refrigeration compressor for refrigerant and maintaining equilibrium temperature
- Compasses 9 different rate selection modes and 10 different operation modes for programming
- Operation data stored automatically
- LCD display and touching panel makes operation easy
- Real-time conversation of Speed and RCF is convenient for operation
- Self-locking device, over-speed safety device, over-temperature safety device, imbalance safety device and automatic alarm device

Applications:

It is the ideal instrument for mass blood centrifugation, protein precipitation and cell separation. The machine is widely used in blood bank, pharmaceutical factory, biochemistry, biological product, other research and manufacturing institutions.

Optional Rotor Selection:

Name	Capacity	Maximum speed	RCF
Swing bucket rotor 1	4 × 300 ml (Round hanging cup)	4500 rpm	3524 × g
Swing bucket rotor 2	148 × 5 ml	4500 rpm	3321 × g
Enzymatic bacteria reaction plate Rotor 1	96 holes × 2 ml	4000 rpm	1932 × g
Enzymatic bacteria reaction plate Rotor 2	96 holes × 4 ml (Honeycomb hanging cup)	4000 rpm	2403 × g

Optional Adatppter Selection:

Swing bucket rotor 1		
Adapter no	Volume	No of tubes
Adapter 1	50ml	8 □Bottom tip with cover□
Adapter 2	5ml	76
Adapter 3	4 ml	56×Vacuum blood tube
Adapter 4	100 ml	4
Adapter 5	15 ml	28
Adapter 6	10 ml	40



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