

# LD-5M

## Floor standing low speed refrigerated centrifuge

### Features

- The machine adopts frequency conversion motor driving, micro-computer control
- LCD, digital dual display
- Stainless steel centrifugal chamber, electronic lid locks, imbalance protection.
- Speed, RCF, time, temperature parameters of instruments can be modified during operation.
- It can store 12 operation procedures and there are 19 levels of acceleration and deceleration for your choice.
- Imported compressors, CFC-Free refrigerants, refrigerating/heating double loop and precise in temperature control.
- RCF can be directly set up and display, without RPM / RCF translated
- Imported well known frequency controller with precise speed control and durable in use.
- It is suitable for different specification of the swing-out rotor, RIA and ELISA Plate rotor
- Three-layer steel jacket could ensure the safety of the user and machine.

### Technical Parameters

Max Speed	5 000 r/min
Max RCF	5 200 Xg
Max Capacity	4X750 ml (4 000 rpm)
Speed Accuracy	± 10 r/min
Temp Accuracy	± 1°C
Temp Range	-20°C to 40°C
Timer Range	1~99min/inching
Noise	≤ 60dB (A)
Power	AC 220V 50HZ 15A
Dimension	650 × 550 × 840 (L × W × H)mm
Weight	150 kg



### Rotor Technical Data

Rotor	Capacity	Max Speed	Max RCF	
NO. 1 Swing-out Rotor	4X100 ml	5 000 rpm	4 650 Xg	
	4X50 ml			
NO. 2 Swing-out Rotor	8X50 ml	4 000 rpm	2 980 Xg	
	8X100 ml			
	24X15 ml			
	32X15 ml			
NO. 3 Swing-out Rotor	4x250 ml (with a wind cover)	5 000 rpm	5 200 Xg	
	Adaptor			
	4X50 ml			
	8X50 ml (round bottom)			
	4X100 ml			
	36X10 ml			
	40X7 ml blood collection tube			
48X7 ml blood collection tube	4 000 rpm	3 100 Xg		
64X7 ml blood collection tube				
NO. 4 Swing-out ELISA plate Rotor	2x2x96 holes	4 000 rpm	1 970 Xg	
NO. 5 Swing-out Rotor	Round hang cup	4 000 rpm	3 400 Xg	
	Adaptor			4X500 ml
				4X250 ml
				12X50 ml
				36X15 ml
				76X7 ml blood collection tube
	Square hang basket			16X50 ml
				40X15 ml
				80X7 ml blood collection tube
				112X7 ml blood collection tube
				100X1.5 ml
	Hang cup			148X5 ml radio-immunity tube
				96X7 ml blood collection tube
ELISA plate rack	4X2X96 holes			
NO. 6 Swing-out Rotor	4X750 ml	4 000 rpm	3 500 Xg	
Adaptor	8X100ml			
	16X50 ml			
	40X15 ml			
	96X7 ml			
	148X5 ml radio-immunity tube			
NO. 7 Swing-out Rotor	6X250 ml	4 000 rpm	3 580 Xg	
Adaptor	60X7 ml blood collection tube			
	42X10 ml			
	24X15 ml			
	6X50 ml			
	12X50 ml (round bottom)			
	6X100 ml			
No.8 Swing-out Rotor	4x800 square cup	4000rpm	3580xg	
Adaptor	140 holes x 7ml/5ml (blood collection tube)			
	28x50ml			
	56x15ml			
	96x10ml blood collection tube			