

LG-18

Floor standing high speed refrigerated centrifuge

Features:

- The machine adopts frequency conversion motor driving, micro-computer control.
- LCD, digital dual display.
- Electric lid lock, imbalance protection.
- Rotor head identify automatically to prevent speeding.
- The machine is used in the type of flexible collet chuck, which is convenient for replacing the rotor.
- 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.
- Speed, RCF, time, temperature and other parameters of instruments can be modified during operation.
- Three-layer steel jacket could ensure the safety of the user and machine.

Technical Parameters

Max Speed	18 000 r/min
Max RCF	22 500 Xg
Max Capacity	4X250 ml (4 500 rpm)
Speed Accuracy	± 10 r/min
Temp Accuracy	$\pm 1^{\circ}\text{C}$
Temp Range	-20 $^{\circ}\text{C}$ to 40 $^{\circ}\text{C}$
Timer Range	1~99H59min/inching
Noise	$\leq 60\text{dB}$ (A)
Power	AC 220V 50HZ 15A
Dimension	650 x 550 x 840 (L x W x H) mm
Weight	160 kg

Rotor Technical Data

Rotor	Capacity	Max Speed	Max RCF
NO.1 Angle Rotor	12X1.5/2.2 ml	18 000 rpm	22 500 Xg
NO.2 Angle Rotor	12X5 ml	16 000 rpm	20 790 Xg
NO.3 Angle Rotor	24X1.5/2.2 ml	15 000 rpm	21 800 Xg
NO.4 Angle Rotor	12X10 ml	14 000 rpm	18 110 Xg
NO.5 Angle Rotor	6X50 ml	12 000 rpm	15 970 Xg
NO.6-1 Angle Rotor	4X100 ml	10 000 rpm	10 640 Xg
NO.6-2 Angle Rotor	8X50 ml		
NO.7 Angle Rotor	6X10 ml	16 000 rpm	19 070 Xg
NO.8 Angle Rotor	6X15 ml	12 500 rpm	15 580 Xg
NO.9 Swing-out ELISA Plate Rotor	2x3x96 holes	4 000 rpm	1 970 Xg
NO. 10 Swing-out Rotor	4X250 ml	4 500 rpm	3 720 Xg

According to your needs, various specifications of angle, swing-out rotors and adaptors can be customized.

