



REFRIGERATED CENTRIFUGE LRF-A14

Refrigerated Centrifuge LRF-A14 is a microprocessor controlled, compact and tabletop low speed refrigerated centrifuge, comes with 4×180 ml of capacity, 5000 rpm of maximum speed and 4420×g of maximum RCF. Features double cycle cooling and imported fluorine-free compressor with -20°C to -40°C of temperature range and 0 to 99 h 59 min of time range. Designed with high quality steel, brushless frequency motor, and digital display, offers 10 programs memory and 10 accelerating/decelerating speed. With automatic electric lid lock, 3 tiers protection steel cover, and specialized taper sleeve to connect rotor and spindle, this refrigerated centrifuge has protection against over temperature and imbalance, makes it safe and reliable to get ideal centrifugation result.

Features

- ❑ A microprocessor controlled, compact and tabletop low speed refrigerated centrifuge
- ❑ 4×180 ml of capacity, 5000 rpm of maximum speed and 4420×g of maximum RCF
- ❑ Double cycle cooling and imported fluorine-free compressor
- ❑ -20°C to -40°C of temperature range and 0 to 99 h 59 min of time range
- ❑ High quality steel housing, low-maintenance and reliable
- ❑ Brushless frequency motor, ensures quick acceleration/deceleration
- ❑ Digital display, for easy monitoring and editing of running parameters
- ❑ 10 programs memory and 10 accelerating/decelerating speed
- ❑ Automatic electric lid lock and 3 tiers protection steel cover
- ❑ Specialized taper sleeve to connect rotor and spindle, simple and quick loading
- ❑ Protection against over temperature and imbalance
- ❑ Safe and reliable to get ideal centrifugation result

Application

Refrigerated Centrifuge is used to collect or separate samples of different densities such as micro-organisms, cellular debris, larger cellular organelles, proteins, yeast cells, chloroplasts, erythrocytes etc. under consistent range of temperature across chemistry, biology, biotechnology, microbiology, biochemistry, pharmaceuticals etc.

Specifications

Model	LRF-A14
Maximum speed	5000 rpm
Maximum RCF	4420 × g
Maximum capacity	4 × 180 ml
Temperature range	-20°C to -40°C
Temperature accuracy	± 1°C
Speed accuracy	± 20 r/min
Time range	0 to 99 h 59 min
Cooling cycle	Double
Noise	≤ 65 dB
RPM/RCF convert	Yes
Acceleration/Deceleration	10 kinds
Memory	10 programs
Controller	Microprocessor
Display	Digital
Motor	Brushless frequency motor
Housing	High-quality steel
Lid lock	Automatic electric lid lock
Protection	Over temperature and imbalance protection
Power supply	AC 220/110 V, 50/60 Hz
Dimension (W×D×H)	570×600×340 mm
Weight	76 kg

Rotor Selection

Rotor Type No.	Maximum Speed	Maximum Capacity	Maximum RCF
Swing Rotor 01	4000 rpm	4×180 ml	2580 × g
Microplate rotor 01	4000 rpm	2×3×96 well	2020 × g
Swing Rotor 02	5000 rpm	4×1×50 ml	4420 × g

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Swing Rotor 03	5000 rpm	4×1×100 ml	4420 × g
Swing Rotor 04	4000 rpm	4×2×50 ml	2820 × g
Swing Rotor 05	4000 rpm	4×4×15 ml	2820 × g
Swing Rotor 06	4000 rpm	4×6×10/7 ml vacuum tube	2580 × g
Swing Rotor 07	4000 rpm	4×6×5 ml vacuum tube adapters	2170 × g
Swing Rotor 08	4000 rpm	4×4/10/7 ml	2580 × g
Swing Rotor 09	4000 rpm	4×4×5 ml vacuum tube adapters	2170 × g
Angle Rotor 01	5000 rpm	6×15 ml	2540 × g
Angle Rotor 02	5000 rpm	12×15 ml	3080 × g
Angle Rotor 03	5000 rpm	24×15 ml	3500 × g
Angle Rotor 04	5000 rpm	30×15 ml	3830 × g
Angle Rotor 05	5000 rpm	4×50 ml	2520 × g
Angle Rotor 06	5000 rpm	6×50 ml	2850 × g
Angle Rotor 07	5000 rpm	12×50 ml	3860 × g
Angle Rotor 08	5000 rpm	4×100 ml	2630 × g
Angle Rotor 09	5000 rpm	6×100 ml	3130 × g