FGL-21M High-speed Large Capacity Refrigerated Centrifuge

Used in high-tech fields such as molecular biology, cell biology, clinical application, biological engineering, large-capacity preparation, blood and protein precipitation.

Features



- High-torque brushless variable-frequency motor.
- Patented flexible-shaft direct drive.
- Patented induction electric suction door lock with emergency release; self check & protection for lock, overspeed, overtemperature, imbalance.
- Imported fluorine-free compressor; full tin-welded copper dual-circuit cooling chamber; 25℃→4℃ within 4 min, precise auto thermostat.
- LED Keypad Control; real-time display of rotor No., program No., speed/RCF, time, temp, ramp curves; on-the-fly parameter adjustment.
- 10 user-program storage; 10 acceleration & 10 deceleration rates selectable.
- All-steel body, 304 stainless steel chamber, multi-protection, 3-stage damping, auto balancing.
- Bottom moving casters; dual hydraulic strut lid; front operation, rear-opening cover for ergonomics.
- Passed ISO9001, ISO 13485, ISO14001, CE and other certifications.

FGL-21M Technical Parameters

Max Speed	21000rpm	Temperature Accuracy	±1℃
Max Volume	4×1000ml Angle rotor	Temperature Range	-20℃~40℃
Timer	1min~9h59min	Power supply	AC110/220V,50/60HZ
Dimension	795×740×890mm	Noise	≤65dBA
Speed Accuracy	±10rpm	Net Weight	350kg
Max RCF	46140×g	Package	1035×840×1460mm, 400kg

FGL-21M Matched Rotors

Rotors No.	Rotor type	Max Speed	Max Volume	Max RCF
FGL-21M-01	Angle rotor	21000rpm	24×1.5/2ml	40380×g
FGL-21M-02	Angle rotor	21000rpm	12×10ml	44440×g
FGL-21M-03	Angle rotor	20000rpm	16×10ml	46140×g
FGL-21M-04	Angle rotor	20000rpm	8×30/20ml	42040×g
FGL-21M-05	Angle rotor	20000rpm	6×50ml(round)	44700×g
FGL-21M-06	Angle rotor	15000rpm	8×50ml(round)	27540×g
FGL-21M-07	Angle rotor	12000rpm	8×100ml	19610×g
FGL-21M-08	Angle rotor	14000rpm	4×250ml	27840×g
FGL-21M-09	Angle rotor	12000rpm	6×250ml	23670×g
FGL-21M-10	Angle rotor	12000rpm	6×300ml	22650×g
FGL-21M-11	Angle rotor	10000rpm	6×500ml	18340×g
FGL-21M-12	Angle rotor	8000rpm	4×1000ml	12564×g
FGL-21M-13	Swing Rotor	15000rpm	4×5ml	21670×g
FGL-21M-14		4000rpm	4×800ml	3450×g