

High Speed Refrigerated Centrifuge

Model: GL-21M

The model can process a volume of up to 3 liters, offering a complete solution in the preparation of samples for research labs, clinics, bio-technology, industrial, and hospitals.

Features:

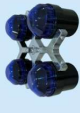
- ☆ Gas spring to prevent falling of lid.
- ☆ Manually lid open in case of failure or emergency.
- ☆ Imbalance fault detection with auto shutdown.
- ☆ Pre-cooling during standstill. CFC free refrigeration system (refrigerant R404A or R134A).
- ☆ Metal external case. The centrifuge stands on movable castors.
- ☆ With silent-block and shock absorbers that guarantee a smooth and quiet operation.
- ☆ Reliable drive system.
- ☆ Recall of last set parameters. (Useful for repetitive analysis).
- ☆ Microprocessor control of all functions: speed, time, temperature, acceleration/deceleration, rcf, program memory, error display.
- ☆ RPM/RCF adjustable along with the run and value calculating automatically.
- ☆ The screen shows the set parameters and live values.
- ☆ Selective α/β rates ensure high-quality separations.
- ☆ The self-diagnostic system provides protection for imbalance, over-temperature / speed/voltage, and electronic lock.
- ☆ Induction motor maintenance free.
- ☆ Swing-out rotor head, buckets, and adapters made of high-density material.
- ☆ Velocity hole provides a way of speed detection.
- ☆ Produced according to national and international safety standard (e.g. IEC 61010).
- ☆ ISO9001, ISO13485, CE international standards are met.



Technical data:

Model	GL-21M	Motor	Converter Motor, direct drive
Screen	LED & LCD color screen	Control	Microprocessor Control
Max. Speed	21000rpm	Motor power	1KW
Speed accuracy	±20rpm	Refrigerator power	750W
Max. RCF	47400xg	Power supply	AC220V 50Hz 30A
Max.Capacity	6x500ml	Noise	≤58db
Temp.range(at RT 25°C)	-20°C ~ +40°C	Net weight	220kg
Temp accuracy	±2°C	Gross weight	310kg
Timer range	1~99h59min	Dimension	860x730x1200mm(LxWxH)
Acceleration / Deceleration rates	1~10	Packing Size	1000x850x1400mm(LxWxH)

Rotor:

 No. 1 Angle Rotor Max. Speed : 21000r/min Capacity : 16 x 10ml Max. RCF : 47400xg ØxL: 116.5x78mm	 No. 2 Angle Rotor Max. Speed : 20000r/min Capacity : 6 x 50ml Max. RCF : 43000xg ØxL: 29.5x96mm
 No. 3 Angle Rotor Max. Speed : 18000r/min Capacity : 8 x 50ml Max. RCF : 39190xg ØxL: 29.5x96mm	 No. 4 Angle Rotor Max. Speed : 15000r/min Capacity : 6 x 70ml Max. RCF : 25700xg ØxL: 38x112mm
 No. 5 Angle Rotor Max. Speed : 12000r/min Capacity : 8 x 100ml Max. RCF : 19830xg ØxL: 38x112mm	 No. 6 Angle Rotor Max. Speed : 14000r/min Capacity : 4 x 250ml Max. RCF : 28150xg ØxL: 63x116mm
 No. 7 Angle Rotor Max. Speed : 12000r/min Capacity : 6 x 300ml Max. RCF : 22600xg ØxL: 63x116mm	 No. 8 Angle Rotor Max. Speed : 10000r/min Capacity : 6 x 500ml Max. RCF : 18705xg ØxL: 70.5x145mm
 No. 9 Angle Rotor Max. Speed : 12000r/min Capacity : 6 x 250ml Max. RCF : 22800xg ØxL: 63x116mm	 No. 10 Continuous Rotor Max. Speed : 14000r/min Capacity : 1000ml Max. RCF : 21500xg Material: Lc
 No. 11 Continuous Rotor Max. Speed : 16000r/min Capacity : 1000ml Max. RCF : 28200xg Material: Ti	 No. 12 Continuous Rotor Max. Speed : 8000r/min Capacity : 3000ml Max. RCF : 9530xg Material: Lc
 No. 13 Continuous Rotor Max. Speed : 10000r/min Capacity : 3000ml Max. RCF : 14800xg Material: Ti	 No. 14 Swing Rotor Max. Speed : 13000r/min Capacity : 4x30ml Max. RCF : 23800xg ØxL: 29.5x94mm
 No. 15 Swing Rotor Max. Speed : 12000r/min Capacity : 4x4x5ml Max. RCF : 11900xg ØxL: 14x51mm	 No. 16 Swing Rotor Max. Speed : 10000r/min Capacity : 4x50ml Max. RCF : 16200xg ØxL: 30.5x85.5mm
 No. 17 Swing Rotor Max. Speed : 4000r/min Capacity : 4x500ml Max. RCF : 3520xg ØxL: 81x105mm	 No. 18 Swing Rotor Max. Speed : 4000r/min Capacity : 2x2x96holes Max. RCF : 2390xg ØxL: 137x87x2mm