

GL-21/22MC

Intelligent Floortype High Speed Refrigerated Centrifuge

Features:

1. Superior performance

Microcomputer controlled, AC frequency variable motor drive, and longer lifetime. Lower noise and less vibration, equipped with multiple types of rotors for users to choose. Efficiency has been greatly improved.

2. Easy operation

Equipped with 7 inches touch Panel ,shows parameters clearly, and electric control for close and open door lid. Also with backup power to avoid power off unexpected, and backup power charge automatically.

3. Safe and reliable performance

With protection from over speed, over temperature, imbalance and protection of automatic electronic or mechanical lock, to ensure the safety of operators and machines.

With automatically rotor identification function to avoid over-speed running by mistake operate.

4. Data down load/ program edit (option)

All running and set data can be download and can program edit by USB port.



Parameters

Model	GL-21MC	GL-22MC
Max Speed	21000r/min	22000r/min
Max RCF	52300xg	53000xg
Max Capacity	3000ml	
Speed Accuracy	±20r/min	
Temp Range	-20°C~+40°C	
Temp Accuracy	±1°C	
The shortest Ace time	lmin30s(0~21000 r/min)	lmin35s(0~22000 r/min)
The shortest Dec time	lmin40s(21000 r/min~0)	lmin45s(22000 r/min~0)
Refrigeration system	High-performance Compressor CFC-free Refrigeration System	
Timer Range	0~23h 59min	
Motor	Microprocessor control, Frequency conversion motor	
Noise	≤60dB(A)	
Power Supply	AC220V 50-60Hz 30A	
Dimension	710×820×1200mm(L×W×H)	
Net Weight	260kg	

Rotor

	No.1 Angle Rotor	Max Speed:22000r/min Max Capacity:12×1.5ml Max RCF:53000xg		No.2 Angle Rotor	Capacity:16/12×10ml Max Speed :21000r/min Max RCF:52300xg
	No.3 Angle Rotor	Capacity:6×50ml Max Speed :20000r/min Max RCF:43000xg		No.4 Angle Rotor	Capacity:6×70/80ml Max Speed :15000r/min Max RCF:25700xg
	No.5 Angle Rotor	Capacity:4×250/300ml Max Speed :12000r/min Max RCF:22470xg		No.6 Angle Rotor	Capacity:6×250ml Max Speed :12000r/min Max RCF:22470xg
	No.7 Angle Rotor	Capacity:8×100ml Max Speed :14000r/min Max RCF:26952xg		No.8 Angle Rotor	Capacity:6×300ml Max Speed :12000r/min Max RCF:22470xg
	No.9 Angle Rotor	Capacity:6×500ml Max Speed :10000r/min Max RCF:17800xg		No.10 Angle Rotor	Capacity:8×50ml Max Speed :18000r/min Max RCF:37600xg
	No.1 Swing Rotor	Capacity:4×750/500ml Max Speed :4000r/min Max RCF:5470xg		No.2 Swing Rotor	Capacity:4×300/250ml Max Speed :4000r/min Max RCF:4210xg
	No.3 Microplate Rotor	Capacity:2×2×96holes Max Speed :4000r/min Max RCF:2300xg			

Continuous Flow Rotor

NO.	Max Speed	Max RCF	Full capacity	Standard Flow
1	14000r/min	21500xg	1000ml	200-600ml/min
2	8000r.min	9500xg	3000ml	200-800ml/min
3	16000r/min	28100xg	1000ml	200-600ml/min
4	10000r/min	14800xg	3000ml	200-800ml/min