

Floortype High Speed Refrigerated Centrifuge iGL-21/22MC

Feature

1. With the self-diagnostic and protection system for imbalance, over-speed, over-temperature. Greatly ensured the safe of users and machine.
2. Electric control for both closing and opening door lid, with backup power to avoid power off unexpected, Backup power automatically recharges when machine powered on.
3. Adopt microprocessor control, high efficiency frequency inverter motor, R404a environmentally friendly refrigerant compressor.
4. With large 7 Inches color panel show all parameters, and can operate with gloves. .
5. With wheels easy to short distance move, and wheels can be fixed.
6. Automatic Rotor Identification to avoid over-high speed running of rotor.
7. With USB Cord , Data can be stored and download by connecting with PC. (Option function)
8. 99 programs can be store, and can set 9 programs for daily use
9. When use with swing rotor, the rotor cover can be open with door lid opening, no need to operate by manual.



Parameters

Model	iGL-21MC	iGL-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 Acc time	1min30s(0~21000 r/min)	1min35s(0~22000 r/min)
The shortest Dec time	1min40s(21000 r/min~0)	1min45s(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

Note: Rotor and adapters can be customize made

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

Continuous Flow Rotor

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

Application



Scientific Research Center



Bio-Technology Company



Chemistry Lab



Bio-Pharmaceutical