

Refrigerated | High speed | Floorstanding



Order No.:0105170000

LG-22M

FEATURES

User-friendly functions

- >up to 1000 user-defined programs
- >up to 100000 run histories,can be exported via USB
- >up to 40 rates acceleration and deceleration
- >up to 7 stages multi-stage centrifugation mode available
- >up to 99h59m59s timer range, 1s increment
- >LCD touch screen for viewing and setting parameters
- >Support short spin and continuous centrifugation
- >Automatic door open without manual lifting
- >Automatic rotor lock, without using any tools.

Refrigeration

- >High quality compressor unit
- >-20°C to +40°C ,1°C increment
- >±1°C high temperature accuracy
- >CFC-free refrigerant
- >PID dynamic temperature control
- >Temperature sensor inside the chamber
- >Starts refrigeration when power on
- >Maintains refrigeration after spin
- >With ECO energy-saving module

Ensure safety

- >Automatic rotor recognition to prevent overspeed
- >Motorized electronic self-priming door lock
- >Door cannot be opened when rotor is spinning
- >Gas hinges to prevent door falling
- >Port in the door for calibration and operation checking
- >Emergency door lock release
- >Password to lock the device
- >Various protections to ensure safe centrifugation
- >User management by password, with permission allocation

Good components

- >Motor: Brushless variable frequency motor. stable running,maintenance free,long life
- >Housing: Thick and strong steel
- >Chamber: Medical grade 316 stainless steel. anticorrosion and easy to clean
- >Rotor: Strong metal
- >Rotors are autoclavable

Multi-level permission assignment

Freely set management permissions according to needs, which is convenient for user management; users can use the device through passwords and electronic identification cards.

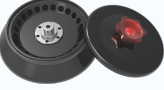
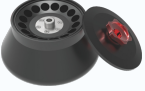

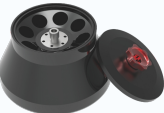

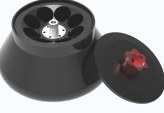
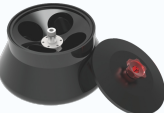
Multifunctional operating system

Microprocessor control. Precisely control various parameters through PID adjustment to realize electronic records and electronic signature.

TECHNICAL DATA

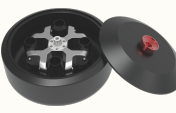
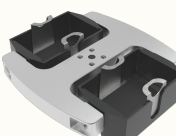
Max Speed	LG-22M	Time Setting	1s ~ 99h59m59s
Max RCF	22000rpm	Noise	≤65dB(A)
Max Capacity	52050xg	Voltage	220v/110v
Temperature Range	6x1000ml	Power Consumption	5000w
Temperature Accuracy	-20°C ~ +40°C	Dimension	740x720x900mm
Speed Accuracy	±10rpm	Weight	250kg

AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	24×1.5/2ml	0494020700	21000rpm/45754×g	24×1×0.2ml	1101010001
				24×1×0.5ml	1101010002
	16×10ml	0494040300	22000rpm/52050×g	16×1×2ml	1101030001
				16×1×5ml	1101030002
	6×50ml round tube	0494070900	20000rpm/44800×g	6×1×2ml	1101060003
				6×1×5ml	1101060004
				6×1×10ml	1101060001
				6×1×15ml conical tube	1101060005
				6×1×30ml	1101060002
	8×50ml round tube	0494070600	18000rpm/38460×g	8×1×2ml	1101060003
				8×1×5ml	1101060004
				8×1×10ml	1101060001
				8×1×15ml conical tube	1101060005
				8×1×30ml	1101060002
	6×100ml	0494080300	16000rpm/30910×g	6×1×5ml	1101080007
				6×1×10ml	1101080001
				6×1×15ml conical tube	1101080002
				6×1×30ml	1101080003
				6×1×50ml	1101080005/conical tube 1101080004/round tube
	8×100ml	0494080400	12000rpm/19830×g	8×1×5ml	1101080007
				8×1×10ml	1101080001
				8×1×15ml conical tube	1101080002
				8×1×30ml	1101080003
				8×1×50ml	1101080005/conical tube 1101080004/round tube
	4×250ml	0494090400	14000rpm/28150×g	6×4×15ml	1101090004
				6×1×50ml	1101100002/conical tube 1101100001/round tube
				6×1×100ml	1101100003

AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	6×250ml	0494090200	12000rpm/24110×g	6×4×15ml	1101090004
				6×1×50ml	1101100002/conical tube 1101100001/round tube
				6×1×100ml	1101100003
	6×500ml	0494110100	10000rpm/18590×g	6×7×10ml	1101110007
				6×4×15ml conical tube	1101110001
				6×3×50ml	1101110002
				6×2×50ml conical tube	1101110003
				6×1×100ml	1101110004
				6×1×250ml	1101110005
	6×1000ml	0494120200	7000rpm/11630×g	6×1×250ml	1101120001
				6×1×500ml	1101120002

Swing out rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 4×50ml	0495130200	10000rpm/16200×g	/	/
	Capacity: 2×3×96 well (micro plate)	0495040500	4000rpm/1970×g	2×24×1.5/2ml	1102040001