

Refrigerated | High speed | Floorstanding

LG-16M



Order No.:0105130000

FEATURES

User-friendly functions

- >up to 1000 user-defined programs
- >up to 100000 run histories,can be exported as PDF file
- >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.

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

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

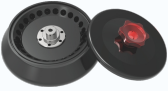
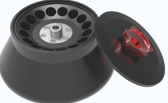
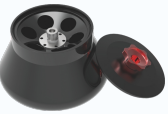
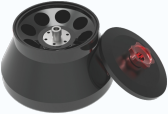
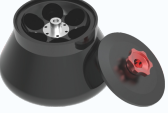
Good components

- >Motor: Brushless variable frequency motor. stable running,maintenance free,long life
- >Housing: Thick and strong steel
- >Chamber: 316 stainless steel. anticorrosion and easy to clean
- >Rotor: Aluminum alloy fixed angle rotor
- >Rotors are autoclavable

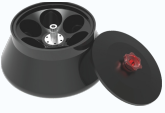
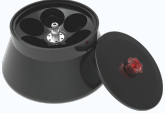
TECHNICAL DATA


Model	LG-16M
Max Speed	16000rpm
Max RCF	27520xg
Max Capacity	6x500ml
Temperature Range	-20°C ~ +40°C
Temperature Accuracy	±1°C
Speed Accuracy	±10rpm
Time Setting	1s ~ 99h59m59s
Noise	≤65dB(A)
Voltage	220v/110v
Power Consumption	5000w
Dimension	740x720x900mm
Weight	250kg

AVAILABLE ROTORS

Rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	24×1.5/2ml	0494020700	16000rpm/25520×g	24×1×0.2ml	1101010001
				24×1×0.5ml	1101010002
	16×10ml	0494040300	16000rpm/27500×g	16×1×2ml	1101030001
				16×1×5ml	1101030002
	6×50ml round tube	0494070900	16000rpm/27520×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	14000rpm/23270×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	14000rpm/23600×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

AVAILABLE ROTORS

Rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	6×250ml	0494090200	10000rpm/16750×g	6×4×15ml	1101090004
				6×1×50ml	1101100002/conical tube 1101100001/round tube
				6×1×100ml	1101100003
	6×500ml	0494110100	8000rpm/11860×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

Swing out rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 4×750ml	0495080200	4000rpm/3500×g	4×24×2ml	1102100011
				4×24×2ml frozen storage tube	1102100020
				4×37×5ml RIA tube	1102100021
				4×24×7ml blood tube	1102100001
				4×18×10ml	1102100019
				4×14×15ml	1102100017/round tube 1102100002/conical tube
				4×8×30ml	1102100018
				4×7×50ml conical tube	1102100003
				4×3×100ml	1102100004
				4×1×250ml	1102100005
				4×1×500ml	1102100006