

Refrigerated | High speed | Floorstanding

LG-25M



Order No.:0105200000

LG-25M is a high capacity centrifuge which can run 6L at a time, fixed angle rotor can accommodate 6x1000ml capacity at most. The centrifuge can run 25000rpm, and temperature range is from -20°C to +40°C.

FEATURES

<p>— User-friendly functions</p> <ul style="list-style-type: none"> > 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. 	<p>— Refrigeration</p> <ul style="list-style-type: none"> > 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
<p>— Ensure safety</p> <ul style="list-style-type: none"> > 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 	<p>— Good components</p> <ul style="list-style-type: none"> > 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.

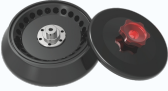
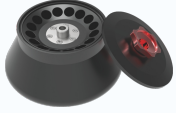

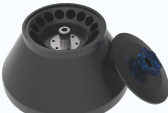
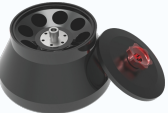
TECHNICAL DATA

Max Speed	25000rpm
Max RCF	65000xg
Max Capacity	6x1000ml
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

Swing out rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	Capacity: 4×750ml	0495080200	5000rpm/5600×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
	Capacity: 6×50ml	0495130400	10000rpm/15680×g	/	/

AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	24×1.5/2ml	0494020700	25000rpm/64800×g	24×1×0.2ml	1101010001
				24×1×0.5ml	1101010002
	16×10ml	0494040300	23000rpm/56880×g	16×1×2ml	1101030001
				16×1×5ml	1101030002
	16×10ml titanium alloy	0494040700	24600rpm/65000×g	16×1×2ml	1101030001
				16×1×5ml	1101030002
	16×15ml conical tube	0494050300	18000rpm/41660×g	16×1×5ml	1101040001
				16×1×10ml	1101040002
	8×50ml round tube	0494070600	21000rpm/52360×g	8×1×2ml	1101060003
				8×1×5ml	1101060004
				8×1×10ml	1101060001
				8×1×15ml conical tube	1101060005
				8×1×30ml	1101060002

AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	12×50ml conical tube	0494070800	14000rpm/31335×g	12×1×2ml	1101070003
				12×1×5ml	1101070004/conical tube 1101070005/round tube
				12×1×7ml	1101070012
				12×1×10ml	1101070006/glass tube 1101070007/conical tube 1101070008/round tube
				12×1×15ml	1101070001/conical tube
				12×1×25ml	1101070010
				12×1×50ml round tube	1101070002
	6×250ml	0494090200	14000rpm/32825×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	8000rpm/15190×g	6×1×250ml	1101120001
				6×1×500ml	1101120002