

Refrigerated | High speed | Floorstanding

# LG-10M



Order No.:0105110000

The LG-10M is a floor standing high speed refrigerated centrifuge with intelligent LCD touch screen, the max capacity is up to 6x1000ml, which is popular in vaccine production, large-capacity fermentation products, cell culture, etc.

## 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.

### 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-10M
Max Speed	10000rpm
Max RCF	18590xg
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	5500w
Dimension	740x720x900mm
Weight	250kg

# AVAILABLE ROTORS

Fixed angle rotor					
Rotor	Capacity	Order No.	Max speed/RCF	Adaptor	
				Capacity	Order No.
	6×250ml	0494090200	10000rpm/16750×g	6×4×15ml conical tube	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 round tube	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