

Refrigerated | High speed | Floorstanding

LG-16M



Order No.:011111601

The LG-16M is a floor standing high speed refrigerated centrifuge with LED&LCD dual screen display,which can meet the needs of large capacity and high speed at the same time.Widely used in laboratories for chemical polymer products, biomacromolecule,nanomaterials research, pharmaceutical purification pretreatment etc.

FEATURES

User-friendly functions

- >12 user-defined programs
- >40 rates acceleration and deceleration
- >1min to 99h59m timer range
- >LCD&LED screen show parameters simply and clearly
- >Water-proof touch key pad,each parameter has corresponding button to set
- >RCF can be set directly.RPM/RCF convert automatically
- >User can reset parameters when rotor is spinning
- >Automatic rotor lock, without using any tools

Ensure safety

- >Automatic rotor recognition to prevent overspeed
- >Microprocessor control
- >Motorized electronic 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
- >Various protections to ensure safe centrifugation

Refrigeration

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

Good components

- >Motor: 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: Aluminum alloy fixed angle rotor; Steel swing out rotor
- >Rotors are autoclavable

TECHNICAL DATA

Max Speed	16000rpm
Max RCF	27520xg
Max Capacity	6x500ml
Temperature Range	-20°C ~ +40°C
Temperature Accuracy	±1°C
Speed Accuracy	±10rpm
Time Setting	1m~ 99h59m/Pulse
Noise	≤65dB(A)
Power Consumption	4500w
Dimension	850x730x930mm
Weight	240kg

■ AVAILABLE ROTORS

No.1



Order No.:10100600503

Rotor:Fixed angle rotor
Capacity:6×50ml round bottom
Max speed:16000rpm
Max RCF:27520×g
Tube size:Φ29×111mm

No.2



Order No.:10102400020

Rotor:Fixed angle rotor
Capacity:24×1.5/2.2ml
Max speed:16000rpm
Max RCF:25520×g
Tube size:Φ11×42mm

No.3



Order No.:10101600100

Rotor:Fixed angle rotor
Capacity:16×10ml
Max speed:16000rpm
Max RCF:27500×g
Tube size:Φ16×86mm

No.4



Order No.:10100601000

Rotor:Fixed angle rotor
Capacity:6×100ml
Max speed:14000rpm
Max RCF:23600×g
Tube size:Φ37×123mm

No.5



Order No.:10100800503

Rotor:Fixed angle rotor
Capacity:8×50ml round bottom
Max speed:14000rpm
Max RCF:23270×g
Tube size:Φ29×111mm

No.6



Order No.:10100603000

Rotor:Fixed angle rotor
Capacity:6×300ml
Max speed:10000rpm
Max RCF:16750×g
Tube size:Φ61×136mm

No.7



Order No.:10100605000

Rotor:Fixed angle rotor
Capacity:6×500ml
Max speed:8000rpm
Max RCF:11860×g
Tube size:Φ74×170mm

No.8



Order No.:10000407500

Rotor:Swing out rotor
Capacity:4×750ml
Max speed:4000rpm
Max RCF:3500×g
Tube size:Φ100×141mm