

Refrigerated | High speed | Floorstanding



Order No.:011112200

LG-22

The LG-22 is a multipurpose floor standing high speed refrigerated centrifuge with intelligent LCD touch screen. Equipped with RFID rotor identification technology and three-axis gyroscope real-time monitoring technology. It can spin up to 22000rpm/33875xg, swing out rotors and fixed angle rotors for choice to meet different centrifugal needs.

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, speed down curvily slowly from 600rpm to 0rpm to prevent samples shake
- >up to 7 stages multi-stage centrifugation mode available
- >up to 99h59m59s timer range, 1s increment
- >Support short spin and continuous centrifugation
- >LCD touch screen for viewing and setting parameters

Ensure safety

- >RFID automatic rotor identification
- >Imbalance detection by three axis gyroscope
- >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
- >Password to lock the device
- >Various protections to ensure safe centrifugation
- >With never be lost electronic instruction manual

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: 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; Aluminum alloy/Stainless steel swing out rotor.
- >Rotors are autoclavable

TECHNICAL DATA

Max Speed	22000rpm
Max RCF	33873xg
Max Capacity	4x750ml
Temperature Range	-20°C ~ +40°C
Temperature Accuracy	±1°C
Speed Accuracy	±10rpm
Time Setting	1s~ 99h59m59s
Noise	≤60dB(A)
Power Consumption	1800w
Dimension	680x620x840mm
Weight	134kg

■ AVAILABLE ROTORS



Order No.:10101200020

Rotor:Fixed angle rotor
Capacity:12×1.5/2.2ml
Max speed:22000rpm
Max RCF:33873×g
Tube size:Φ11×42mm



Order No.:10101200050

Rotor:Fixed angle rotor
Capacity:12×5ml
Max speed:17000rpm
Max RCF:23489×g
Tube size:Φ14×54mm



Order No.:10102400020

Rotor:Fixed angle rotor
Capacity:24×1.5/2.2ml
Max speed:16500rpm
Max RCF:26389×g
Tube size:Φ11×42mm



Order No.:10102400021

Rotor:Fixed angle rotor (aerosol tight)
Capacity:24×1.5/2.2ml
Max speed:18000rpm
Max RCF:31405×g
Tube size:Φ11×42mm



Order No.:10101200100

Rotor:Fixed angle rotor
Capacity:12×10ml
Max speed:15000rpm
Max RCF:20803×g
Tube size:Φ16×86mm



Order No.:10100600503

Rotor:Fixed angle rotor
Capacity:6×50ml
round bottom
Max speed:13000rpm
Max RCF:18440×g
Tube size:Φ29×111mm



Order No.:10100600502

Rotor:Fixed angle rotor
Capacity:6×50ml
conical bottom
Max speed:13000rpm
Max RCF:18440×g
Tube size:Φ29×116mm



Order No.:10100401000

Rotor:Fixed angle rotor
Capacity:4×100ml
Max speed:11000rpm
Max RCF:13365×g
Tube size:Φ38×123mm



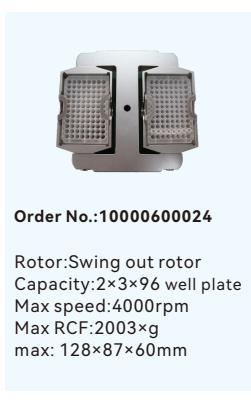
Order No.:10100800503

Rotor:Fixed angle rotor
Capacity:8×50ml
round bottom
Max speed:11000rpm
Max RCF:13365×g
Tube size:Φ29×111mm



Order No.:10101200150

Rotor:Fixed angle rotor
Capacity:12×15ml
conical bottom
Max speed:13000rpm
Max RCF:18667×g
Tube size:Φ17×121mm



Order No.:10000600024

Rotor:Swing out rotor
Capacity:2×3×96 well plate
Max speed:4000rpm
Max RCF:2003×g
max: 128×87×60mm



Order No.:10000402500

Rotor:Swing out rotor
Capacity:4×250ml
Max speed:4500rpm
Max RCF:3735×g
Tube size:Φ63×121mm
Same adapters to LD-5M



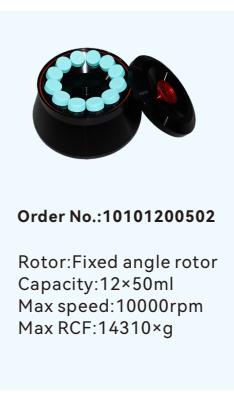
Order No.:10000405000

Rotor:Swing out rotor
Capacity:4×500ml
Max speed:4200rpm
Max RCF:3551×g
Tube size:Φ80×137mm
Same adapters to LD-5M



Order No.:10000407500

Rotor:Swing out rotor
Capacity:4×750ml
Max speed:4000rpm
Max RCF:3500×g
Tube size:Φ100×141mm
Same adapters to LD-5M



Order No.:10101200502

Rotor:Fixed angle rotor
Capacity:12×50ml
Max speed:10000rpm
Max RCF:14310×g