

Refrigerated | Low speed | Floorstanding



LD-8M

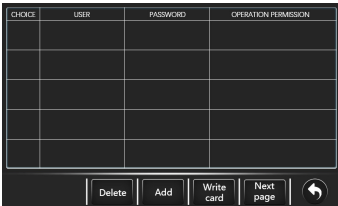
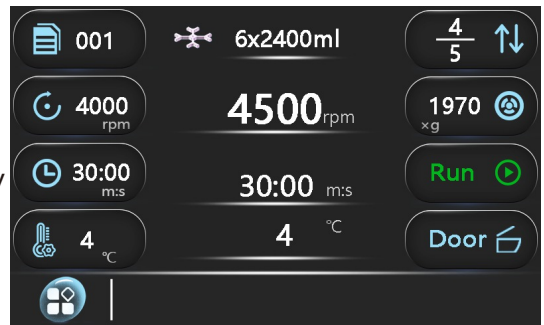
Order No.:011010801

LD-8M is large capacity refrigerated centrifuge with max capacity 6x2400ml,can run 12 blood bags or 384pcs blood tubes at a time. LCD touch screen for viewing and setting parameters,SHUKE 3.0 version operation system has more functions.

FEATURES

LCD touch screen

- >Simple and clear to show all parameters
- >Touch screen,easy to set parameters
- >RCF can be set directly;RCF and RPM convert automatically
- >Intelligent status display,real-time and real values
- >User can set parameters even with gloves
- >User can reset parameters when rotor is spinning



RECORD TIME	ROTOR	SPEED	TIME	TEMP	ACC/DEC	NO.

Buttons: USB OUT, navigation arrows

ERROR	CODE	TIME	ERROR	CODE	TIME

Buttons: USB OUT, navigation arrows

User-friendly functions

- >up to 1000 user-defined programs, with password protection
- >up to 100000 run histories
- >up to 40 rates acceleration and deceleration
- >up to 5 stages multi-stage centrifugation mode available
- >up to 99h59m59s timer range, 1s increment
- >Support short spin and continuous centrifugation
- >Curve display---Speed curve,RCF curve and Temperature curve are displayed together,clear to see their changing and relations
- >Can run 12 blood bags at a time
- >Can run 384pcs blood bags at a time

Ensure safety

- >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

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; Steel/Stainless steel swing out rotor.
- >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.

Optional Intelligent management platform

Connect with the PC through the communication interface, access the user equipment management platform, and upload equipment data in real time, which can realize batch remote monitoring and facilitate data management.

Optional Traceability of centrifuge records

The sample number can be manually or automatically scanned and input, and the centrifugation record of each sample can be traced.


TECHNICAL DATA

Max Speed	8000rpm
Max RCF	14500xg
Max Capacity	6x2400ml/12xblood bag/384pcs blood tube
Temperature Range	-20°C ~ +40°C
Temperature Accuracy	±1°C
Speed Accuracy	±20rpm
Time Setting	1s~ 99h59m59s
Noise	≤65dB(A)
Power Consumption	7500w
Dimension	960x880x950mm
Weight	471kg
Power supply	380V 50Hz 20A/220V 50Hz 20A

AVAILABLE ROTORS




Order No.:10000624000
 Rotor: Swing out rotor
 Capacity: 6x2400ml
 Max speed: 4500rpm
 Max RCF: 7095xg



Order No.:10000624007
 Rotor: Swing out rotor
 Capacity: 12xblood bag
 Max speed: 4500rpm
 Max RCF: 7095xg



Order No.:10100610000
 Rotor: Fixed angle rotor
 Capacity: 6x1000ml
 Max speed: 8000rpm
 Max RCF: 14500xg
 Tube size: Φ97x166mm



Order No.:10100605000
 Rotor: Fixed angle rotor
 Capacity: 6x500ml
 Max speed: 8000rpm
 Max RCF: 11860xg
 Tube size: Φ74x170mm



Order No.:10038400077
 Rotor: Swing out rotor
 Capacity: 384pcs blood tube
(available 162x15ml/60x50ml adapter)
 Max speed: 4000rpm
 Max RCF: 4710xg
 Tube size: Φ13x75~100mm