

LACE-ROMA5 Intelligent Low Speed Refrigerated Centrifuge



LOW SPEED

SPEED UP TO 5500rpm/4800xg

MAX. CAPACITY 4x250ml

LCD TOUCH SCREEN+TOUCH
KEYPAD

REFRIGERATED -20°C to 40°C

SWING OUT ROTORS

LACE-ROMA is a low noise, automatic-balance and high separation effect. It is controlled by microprocessor, equipped with the D.C. brushless motor, easy operation with touching panel, digital display. It is applicable to the experiments of analysis in the fields such as hospital, biology, medicine and agriculture. It's an ideal instrument for the hospital, medical, cytology, physical, chemical, laboratory to make qualitative analysis to serum, plasma, radio-immunity...

- Micro controller and high torque and brushless motor provide stable operation and low noise
- Ergonomic design
- Short spin on button (one-button short start)
- Pre-cooling function
- Standby cooling function
- Improved system for opening the lid in case of power failure
- A built-in condensate collection vessel reduces the risk of contamination
- Microprocessor based technology, easy and direct operation interface
- Stainless steel sample compartment with corrosion resistant coating
- Free maintenance no contact drive rotation system
- Imbalance detection safety system
- It has various early warning functions such as over-speed, under-voltage and over-voltage, three-stages damping and shock absorption,
- Special combination damping device, which makes the motor run safely and reliably, prevent the sample from vibration to achieve excellent centrifugal effect.
- Double data settings - Touch Screen/Soft touch keypad to parameter settings
- Different types of optional rotors available
- The parameters can be changed during device operation
- The bio-safety airtight angle rotor uses a silicone rubber integral seal (EU RoHS 2015/863) to avoid fully guarantee for the safety of the staff and laboratory environment
- Special damping and shock absorption, which makes the motor run safely and reliably, and achieve excellent centrifugal effect
- Cover lead shock absorber provide easy and smooth operation with sample

Item Name	ROMA
Max. Rotor capacity	4x250ml
Max. Speed rpm/xg	5500rpm/4800xg
Standard rotor	32x15 ml
Power	1850W
Display	LCD Touch Screen
Ambient temperature	0-40°C
Temperature control range	-20 to +40°C
Temp adjustment accuracy	±1°C
Speed Adjustment	±50r/min
Noise	≤60dB (A)
Timer	0-99h59min/continuous/short spin button (option)
Operation Program	20 set
Electric safety lid lock	Mechatronic motor door lock
RPM/RCF conversion	Yes
Acceleration/Brake	10 programming step of acceleration and deceleration
Parameter settings	Soft touch keyboard / Touch screen display
Microbiological paint coating protection	Yes
End process sound alarm	Yes (light, sound, voice)
Power supply	AC 220V/50Hz ±10%
Weight kg NV/GW	85/100
Dimension	630×760×400 mm

Rotors

- 5ROM2 Swing rotor 4 × 250ml 4000rpm/3290xg
- 5ROM3 Swing rotor 4x50ml 5000rpm/4600xg
- 5ROM4 Swing rotor 4x100ml 5000rpm/4800xg
- 5ROM5 Swing rotor 8x50ml 4000rpm/2960xg
- 5ROM6 Swing rotor 24x10/15ml 5000rpm/4620xg
- 5ROM7 Swing rotor 32x10/15ml 4000rpm/2960xg
- 5ROM8 Swing rotor 48x5ml (tube) 4000rpm/2960xg
- 5ROM9 Swing rotor 48x5ml/2ml 4000rpm/2960xg
- 5ROM10 Swing rotor 76x5ml/2ml 4000rpm/3080xg
- 5ROM Microplate Rotor 2 x 2 x 96 holes 4000rpm/2360xg

Please note:

If this centrifuge does not match the specific needs of your application, or some option are not listed for sale, please feel free to contact us. Our manufacturing engineers will come up with technical solutions to meet your needs. We reserve the right to change technical specification any time.

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