

# LACE-ROGLA16 Intelligent High Speed Refrigerated Centrifuge



SPEED UP TO 12000RPM/9930XG

MAX. CAPACITY 4X100ML SWING ROTOR

DUAL SYSTEM TO PARAMETERS CONTROL INPUT

LCD TOUCH SCREEN + TOUCH KEYPAD

CHAMBER TEMPERATURE DISPLAY

REFRIGERATED

ANGLE/SWING ROTORS

It has the advantages of small size, 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	ROGLA-12
Max. Rotor capacity	4X100ml
Max. Speed rpm/xg	12000rpm/12290xg
Standard rotor	12×1.5/2.0 ml
Power	700VA
Display	LCD Touch Screen
Ambient temperature	0-40°C
Temperature control range	-20-40°C
Temp adjustment accuracy	±1°C
Speed Adjustment	±50r/min
Noise	≤55dB (A)
Timer	0-99h59min/continuous/short spin button
Operation Program	100 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	52/62
Dimension D*W*H	698×407×346 mm

# Rotors

- 12ROG1 Rotor 12 × 1.5/2.0ml 12000rpm/9930
- 12ROG2 Rotor 24 × 1.5/2.0ml 11500rpm/12990
- 12ROG3 Rotor 10 × 5ml 12000rpm/9930
- 12ROG4 Rotor 8 × 7ml 12000rpm/12271
- 12ROG5 Rotor 6 × 50ml (round bottom) 12000rpm/9600xg
- 12ROG6 Rotor 6 × 50ml (conical bottom) 12000rpm/10500xg
- 12ROG7 Rotor 12 × 10ml/5ml 12000rpm/11612xg

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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