

# LACE-ROGLA24 Intelligent High Speed Refrigerated Centrifuge



24000RPM/39900XG

MAX. CAPACITY 4X100ML SWING ROTOR

TOUCH KEYPAD + TOUCH SCREEN

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, labs 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
- 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-24
Max. Rotor capacity	4X100ml
Max. Speed rpm/xg	24000rpm/39900xg
Standart rotor	12×1.5/2.0 ml (Titanium Alloy)
Power	1500W
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	≤60dB (A)
Timer	0-99h59min/continuous/short spin button (option)
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	75/95
Dimension	710×630×350 mm

# Rotors

-  24ROG1 - Angle Rotor, 12x1,5/2ml Titanium Alloy - 24000 rpm/39740xg
-  24ROG3 - Angle Rotor, 18x1,5ml - 16000rpm/17800xg
-  24ROG1 - Angle Rotor, 24x1,5/2ml - 16000rpm/23798xg
-  24ROG4 - Angle Rotor 30x1,5ml - 12000rpm/15694xg
-  24ROG6 - Angle Rotor 48x1,5ml - 13000rpm/18138xg
-  24ROG6 - Angle Rotor 48x0,5ml - 13500rpm/15640xg
-  24ROG7 - Angle Rotor Titanium Alloy 10x5ml
-  24ROG8 - Angle Rotor 8x7ml 14000rpm/12271xg
-  24ROG9 - Angle Rotor - 12x10ml/5ml 15000rpm/21595xg
-  24ROG10 - Angle Rotor 8x15ml (conical bottom) 12000rpm/14830xg
-  24ROG9 Angle Rotor 12 x 10ml/5ml 15000rpm/21595xg
-  24ROG10 Angle Rotor 8x15ml (conical bottom) 12000rpm/14830xg
-  24ROG11 Angle Rotor 8x15ml (round bottom) 12000rpm/14830xg
-  24ROG9 Angle Rotor 12 x 10ml/5ml 15000rpm/21595xg
-  24ROG13 Angle Rotor 6 x 50ml (through-hole) 6000rpm/3670xg
-  24ROG14 Angle Rotor 6 x 50ml (round bottom) 12000rpm/13820xg
-  24ROG15 Angle Rotor 6 x 50ml (conical bottom) 12000rpm/13820xg
-  24ROG15 Angle Rotor 4 x 100ml 11000rpm/12700x
-  24ROG18 Swing out rotor 12 x 10ml 4000rpm/2360xg
-  24ROG18 Swing out rotor 4 x 50ml 4000rpm/2360xg
-  24ROG19 Swing out rotor 4 x 100ml 4000rpm/2490xg
-  24ROG20 Swing micro-plate rotor 2x2x48 holes 3000rpm/1120xg

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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