

LACE-RUEN20 Intelligent High Speed Refrigerated Centrifuge



HIGH SPEED + HIGH CAPACITY

SPEED UP TO 20600RPM/29280xg

MAX. CAPACITY 6X250ml

LCD TOUCH SCREEN+TOUCH
KEYPAD

REFRIGERATED -20°C to 40°C

ANGLE/SWING OUT ROTORS

LACE-RUEN20 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	RUEN-20
Max. Rotor capacity	4X250ml
Max. Speed rpm/xg	20600rpm/29280xg
Standard rotor	12×1.5/2.0 ml
Power	1800W
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	85/110
Dimension	630×760×400mm

Rotors

- 20RUE1 Rotor 12 × 1.5/2.0ml 20600rpm/29899xg
- 20RUE2 Rotor 24 × 1.5/2.0ml 14000rpm/18220xg
- 20RUE3 Rotor 12 × 10ml/5ml 14000rpm/18820xg
- 20RUE4 Rotor 8 × 15ml (round bottom) 12000rpm/14830xg
- 20RUE5 Rotor 8 × 15ml (conical bottom) 12000rpm/14830xg
- 20RUE6 Rotor 6 × 50ml (round bottom) 12000rpm/13820xg
- 20RUE7 Rotor 6 × 50ml (conical bottom) 12000rpm/15120xg
- 20RUE8 Rotor 8 × 50 ml (conical bottom) (conical bottom) 10000rpm/11400xg
- 20RUE9 Rotor 4 × 100ml 10000rpm/10500xg
- 20RUE10 Rotor 6 × 100ml 11000rpm/13310xg
- 20RUE11 Rotor 6 × 250ml 8000rpm/9600xg
- 20RUES12 Swing rotor carrier
- 20RUESB13 Buckets 4 × 50ml 5000rpm/4620xg
- 20RUESB14 Buckets 4 × 100ml 5000rpm/4800xg
- 20RUESB15 Buckets 8 × 50ml 4000rpm/2960xg
- 20RUESB16 Buckets 32 × 15ml/10ml 4000rpm/2810xg
- 20RUESB17 Buckets 48 × 5ml (tube) 4000rpm/2810xg
- 20RUESB18 48 × 5ml/2ml 4000rpm/2423/2960xg
- 20RUES19 Swing out Rotor 48 × 5ml/2ml 4000rpm/3080xg
- 20RUES20 Swing out Rotor 4 × 250ml 4000rpm/2780xg
- 20RUES21 Microplate Rotor 2×2×96 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.

COLO LabExperts
Polje ob Sotli 4
SI-3255 Slovenia
Tel +386 590 48 880
www.colo.si
Email: office@colo.si

