Refrigerated Centrifuge
CF321

The CF321 High-Speed Refrigerated Centrifuge features state of the art cooling technology which ensures high temperature accuracy and provides rapid cooling for temperature sensitive samples. The ergonomically designed device comes with a 5-inch touchscreen and an intuitive user interface.
The centrifuge has a maximum capacity of 12 x 5mL and reaches a maximum speed of 21,300×g (15,000 rpm).

Features

- Multiple rotors suited for various applications: 24×1.5/2.0 mL tubes, 18×1.5/2.0mL tubes for spin columns, 12x5mL tubes, 4×8×0.2mL PCR strips/tubes (for 4×0.2 mL PCR strips or 32×0.2mL PCR tubes)
- Maximum Relative Centrifugal Force (RCF) is up to 21,300 × g (15,000 rpm)
- The standard rotor comes with aerosol-tight lid that ensures safe handling of hazardous samples.
- Double lock lid design offers improved safety, and the lid can be easily closed with light pressure.
- A 5-inch, high resolution touch screen with wide viewing angle and an intuitive user interface provides excellent user experience.
- Streamlined bar-shaped indicator light changes color or flashes to indicate working status, warning,and alarms.
- With wide temperature control range: -10°C to +40°C
- With a fast pre-cooling time (Room Temperature to 4°C in only 8 minutes), the centrifuge is ready for use in a very short time.
- Ensures reliable cooling at 4°C, even at maximum rotor speed .
- Built-in condensate tank to prevent the accumulation of condensate in the rotor chamber.

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Specifications	
Model	CF321
Name	High-speed refrigerated centrifuge
Display	5-inch touch screen
Speed Range (RPM)	300 to 15,000 rpm; increment: 100rpm
Max. RCF	21,300 × g (15,000 rpm)
Rotor Capacity	24×1.5/2.0mL tubes, 18×1.5/2.0mL tubes for spin columns, 12×5mL tubes, 4×8×0.2mL PCR strips/tubes
Time Setting Range	30s-99h59min, with continuous run function
Motor Type	Brushless DC motor
Power Supply	AC220-230V 50-60Hz
Power (W)	600
Dimensions (mm)	520× 305× 285
Weight (kg)	30 kg
Noise level (dB)	<60dB(A)
Deceleration time	15 s
Acceleration time	16 s
Cooling	Refrigerated
Temperature control range	-10 °C to +40 °C
Maximum speed temperature control	4 °C (continuous)
Pre-cooling Time (from Room Temperat	≤5 minutes from RT (~21°C) to 4°C
SOFT brake function	Yes
Condensate drain function	Built-in condensate tank

Standard	Optional		
24×1.5/2.0mL	18×1.5/2.0mL	12×5mL	4×8×0.2mL