

Eppendorf Centrifuge 5425 R



Maximum Speed: 15,060 rpm; Maximum RCF: 21,300 x g

Rating: Not Rated Yet

Price

Sales price \$4,500.00

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Manufacturer [Eppendorf](#)

Description

The Eppendorf Centrifuge 5425 R is a compact, refrigerated microcentrifuge designed for high-throughput molecular and cell biology applications, including DNA/RNA purification, protein separation, and sample preparation in tubes from 0.2 to 5 mL. As a successor to the 5424 R, it features whisper-quiet operation (average 45 dB(A) for short runs), an advanced cooling system for precise temperature control down to -10°C, six rotor options for versatility, and ergonomic QuickLock lids. It ensures reliable, vibration-free performance with fast pre-cooling (8 minutes to 4°C) and compatibility with the VisioNize system for remote monitoring.

Specifications

Type: Refrigerated microcentrifuge; 24-place capacity

Maximum Speed: 15,060 rpm

Maximum RCF: 21,300 x g

Temperature Range: -10°C to +40°C

Temperature Accuracy: ±1°C at 4°C (at max. speed)

Rotor Options: 6 rotors (e.g., fixed-angle for 24 x 1.5/2.0 mL, 10 x 5.0 mL, swing-bucket for PCR strips)

Capacity: Up to 48 x 0.5 mL, 24 x 1.5/2.0 mL, 10 x 5.0 mL (rotor-dependent)

Centrifuges: Eppendorf Centrifuge 5425 R

Acceleration Time: Adjustable ramps; fast acceleration/deceleration

Deceleration Time: Adjustable ramps; soft-stop function

Timer: 10 s to 9:59 h; continuous run; short-spin

Noise Level: 45 dB(A) average (short runs up to 12 min at max speed)

Cooling Features: Pre-cooling in 8 min (21°C to 4°C); continuous post-run cooling; fast temperature equilibration without samples

Lid/Closure: Aerosol-tight Eppendorf QuickLock lids; soft-touch one-finger closure

Display/Interface: Digital display; program keys (up to 3); multilingual menu

Dimensions (W x D x H): 32.6 x 54.8 x 24.0 cm (without lid open)

Weight: Approx. 36 kg

Power Requirements: 100–240 V AC, 50/60 Hz, 350 W

Other Features: OptiBowl design for quiet operation; vibration-reducing compressor; aerosol-tight for biohazard safety

Comes with our 90-day warranty.

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