

TABLETOP REFRIGERATED CENTRIFUGE CEN17-16R



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CEN17-16R

These centrifuges are widely used in the fields of biochemistry, pharmacy, clinical medicine and other research fields for variety of separation needs. The programmable microprocessor centrifuge allows modification of the parameter during operation. In addition, accommodates various type of tubes or plates and size of the sample.

Used in Cell Separation, Precipitation, Sample Processing, Clinical, Cell Culture, Microplate Processing, Biochemistry, medical diagnosis.

Also known as Floor Standing Centrifuge, Laboratory Floor Type Centrifuge, Floor Type Refrigerated Centrifuge, Benchtop Centrifuge, Laboratory Tabletop Centrifuge.

CEN17-16R TABLETOP REFRIGERATED CENTRIFUGE

Inner chamber material: Stainless Steel

Microprocessor controller

LCD display

Electronic door interlock

Automatic rotor identification

Imbalance protection

Brushless DC motor

Memory of 12 programs

19 levels of acceleration and 19 levels of deceleration

Faults are diagnosed automatically

CFC-free refrigerants system (TECUMSEH EUROPE COMPRESSOR)

Precise temperature control with double loop control design is highly efficient, allows fast heating and cooling

Operating parameters can be modified during the operation

RCF can be set up directly, without RPM to RCF translation



SPECIFICATIONS

Model	CEN17-16R
Maximum Capacity (No of tubes x Vol.)	12x10 ml
Temp. Control Range	-20°C to 40°C increments
Temperature Accuracy	± 1°C
Maximum Speed	16500 rpm
Speed Accuracy	± 10 rpm
Maximum RCF	21630xg
Time Range	1~99 h 59 min, pulse
Temp. Accuracy	± 1 °C
Acceleration Rate	40
Deceleration Rate	40
Drive System	Direct, Induction motor drive (Inverter Control)
Rotor Identification	Auto-ID Instant, Automatic
Refrigeration System	CFC-Free

Overall Dimension	24.6 x 16.5 x 14.1 in / 62.5 x 42 x 36 mm
Program	12 user-defined
Noise Level	≤ 60 dB(A)
Weight (Net/Gross)	50 kg
Max. Power Consumption	1000 W
Power Supply	AC 200-240V, 50/60Hz or AC 100-127V, 50/60Hz

OPTIONAL ACCESSORIES

Accessory Code	Name	Rotor Capacity	Max Speed (rpm)	Max RCF(g)
2201221005	No. 1 Fixed-Angle Rotor	12x1.5/2.0 ml(with adapters for 0.2/0.5ml tube)	16500 rpm	19000Xg
2201221006	No. 2 Fixed-Angle Rotor	12x5 ml	15000 rpm	18270Xg
2201221007	No. 3 Fixed-Angle Rotor	24x1.5/2.0 ml(with adapters for 0.2/0.5ml tube)	15000 rpm	21630Xg
2201221008	No. 4 Fixed-Angle Rotor	12x10 ml	12000 rpm	13310Xg
2201221009	No. 5 Fixed-Angle Rotor	48x1.5/2.0 ml(with adapters for 0.2/0.5ml tube)	12000 rpm	15970Xg

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