

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.) | 12x5 ml |
| Temperature Range | -20°C to 40°C |
| Temperature Accuracy | ± 1°C |
| Maximum Speed RPM | 16000 |
| Speed Accuracy | ± 10 rpm |
| Maximum RCF | 18270xg |
| Timer Range | 1~99 h 59 min, pulse |
| Temperature Increment | 1°C |
| Acceleration Rate | 40 |
| Deceleration Rate | 40 |
| Drive System | Direct, induction motor drive |
| Rotor Identification | Auto-ID Instant, Automatic |
| Overall Dimension | 625x420x360 mm |

| | |
|--------------------|--|
| Program | 12 user-defined |
| Noise Level | ≤ 60 dB(A) |
| Weight (Net/Gross) | 50 kg |
| Power | 1000 W |
| Power Supply | AC 200-240V, 50/60Hz or AC 100-130V, 50/60Hz |

OPTIONAL ACCESSORIES

| Accessory Code | Name | Description | Capacity | RPM | RCF _{xg} |
|----------------|-------------------|-----------------------------------|---------------|-------|-------------------|
| LS52554 | Fixed-Angle Rotor | With adapters for 0.2/0.5 ml tube | 12x1.5/2.0 ml | 16000 | 17800xg |
| LS52866 | Fixed-Angle Rotor | 12x5 ml | | 15000 | 18270xg |
| LS54347 | Fixed-Angle Rotor | With adapters for 0.2/0.5 ml tube | 24x1.5/2.0 ml | 13000 | 16850xg |



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