

REFRIGERATED MICROCENTRIFUGE CEN47-150R



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This compact, powerful micro centrifuge is useful to separate or sediment small volume samples at high speed. The short-spin key, soft brake, FastTemp features optimizes the overall function of the centrifuges. Faults are diagnosed automatically and displays fault code. These hybrid micro-centrifuge can run PCR tubes, Capillary tubes along with standard tubes.

Used in Molecular Biology Separations, Clinical, Labs, Biochemistry, Tissue Culture, Genomics, Drug discover. Also known as Microfuge, Refrigerated Microcentrifuge, Laboratory Microcentrifuge.

CEN47-150R REFRIGERATED MICROCENTRIFUGE

Microprocessor controller

LCD display

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

Memory of 9 programs

9 levels of acceleration and 9 levels of deceleration

Servomotor was adopt for lid open & lid lock, emergency lid release.

Aerosol-tight quick lock rotors for safe centrifugation of hazardous samples

Inner chamber material: Stainless Steel

Rotors are in aeronautical aluminum material

Electronic door interlock and Automatic rotor identification and Imbalance protection

Faults are diagnosed automatically, display fault code.

Ergonomic operating and information panel.

CFC-free refrigerants system (TECUMSEH EUROPE COMPRESSOR), with both pre-cooling and standstill cooling function.



SPECIFICATIONS

| | |
|---------------------------------------|--|
| Model | CEN47-150R |
| Maximum Capacity (No of tubes x Vol.) | 24x1.5/2 ml |
| Temperature Range | -10°C to 35°C |
| Temperature Accuracy | ± 1°C |
| Maximum Speed RPM | 15000 |
| Speed Accuracy | ± 10 rpm |
| Maximum RCF | 21630xg |
| Timer Range | 1~999 min 59S |
| Temperature Increment | 1°C |
| Acceleration Rate | 9 |
| Deceleration Rate | 9 |
| Drive System | Direct, induction motor drive |
| Overall Dimension | 285x400x285 mm |
| Program | 9 user-defined |
| Noise Level | ≤ 55 dB(A) |
| Weight (Net/Gross) | 19 kg |
| Power | 800 W |
| Power Supply | AC 200-240V, 50/60Hz or AC 100-130V, 50/60Hz |

OPTIONAL ACCESSORIES

| Accessory Code | Name | Description | RPM | RCF _{xg} | Capacity |
|----------------|-------------------|-----------------------------------|-------|---------------------|---------------|
| LS54107 | Fixed-Angle Rotor | 4xPCR strip | 15000 | 21630 _{xg} | |
| LS54299 | Fixed-Angle Rotor | with adapters for 0.2ml and 0.5ml | 15000 | 21630 _{xg} | 24x1.5/2.0 ml |



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