LABSTAC

REFRIGERATED MICROCENTRIFUGE CEN46-140R

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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.

CEN46-140R 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	CEN46-140R
Maximum Capacity (No of tubes x Vol.)	12x5 ml
Temp. Control Range	-10°C to 35°C
Temperature Accuracy	± 1°C
Maximum Speed	14000 rpm
Speed Accuracy	± 10 rpm
Maximum RCF	18880xg with 24x1.5/2.0 ml rotor / 4 x PCR-strips rotor
Time Range	Count up or down
Acceleration Rate	10
Deceleration Rate	10
Refrigeration System	CFC-Free
Control System	Microprocessor
Display	Full color touchscreen interface
Programmability	via easy access touchscreen menu
Drive System	Direct, induction motor drive
Overall Dimension	11.2x15.7x11.2 in / 28.5x40x28.5 mm
Program Storage	16 user-defined
Noise Level	≤ 56 dB(A)
Weight (Net/Gross)	20 kg

Max. Power Consumption	800 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)
2202106005	No. 1 Fixed-Angle Rotor	24x1.5/2.0 ml(with adapters for 0.2/0.5ml tube)	14000 rpm	18880Xg
2202106006	No. 2 Fixed-Angle Rotor	4xPCR-Strips	14000 rpm	18880Xg
2202106007	No. 3 Fixed-Angle Rotor	12x5 ml	14000 rpm	15880Xg

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