

REFRIGERATED MICROCENTRIFUGE LTCEN24-2



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

LTCEN24-2 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	LTCEN24-2
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)
2502409008	No. 1 Fixed-Angle Rotor	24x1.5/2.0 ml(with adapters for 0.2/0.5ml tube)	14000 rpm	18880Xg
2502409009	No. 2 Fixed-Angle Rotor	4xPCR-Strips	14000 rpm	18880Xg
2502409010	No. 3 Fixed-Angle Rotor	12x5 ml	14000 rpm	15880Xg



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