

Block Cooler



The CB-1 Block cooler consist with high efficiency peltier cooling device, two line LED display, air duck, thermal isolation top lid, to maintain sample at target temperature, wide variety aluminum block selectable, small footprint.

CB-1 dedicates equipped pre-set nine programs from 0°C to 75°C, 0.5°C accuracy, dedicate for sample storage or reaction, replace ice box prevent wet on bench, It is really nice apparatus in laboratory.



Ready status for operation



Offset function for temperature adjustment

Features

- Cost-effective controlled temperature apparatus
- Electric ice cube in every laboratory
- Nine preset temperature programs
- Block heater and cooler in one unit
- Over heat protection

Applications

- Education, university, academic and research institute
- Analytical chemistry, colorimetric laboratory
- Food industrial and inspection laboratory
- Drug discovery, Biotechnology company
- Proteomics, genomics core facility
- Enzyme reaction, immunology
- Reagent storage

Specifications

Temperature range	0°C to 75°C
Pre-set temperatures	9 (0, 4, 16, 25, 37, 42, 55, 65, and 72°C)
Temperature accuracy	± 0.5°C full range
Cooling performance	35 minutes (from 25°C to 0°C)
Temperature control	PID microprocessor controlled
Temperature calibration	Pre-calibrated
Display	LCD display
Heating / Cooling element	Peltier
Over temperature cutoff	100°C
Power	AC 100 - 240V, 50 - 60Hz with 75 Watt
Cabin dimensions	107 x 71 x 38mm (W x D x H)
Physical dimensions	200 x 304 x 184mm (W x D x H)
Weight	6.5kg
Certification	CE

The spec is subject to change without prior notice.

Block					
Material	Aluminum				
Size	107 x 71 x 38mm (W x D x H)				
Surface treatment	Solid anodized				
Block type	48 well Multi-size				35 well
Tube size	8 x 0.2mL	21 x 0.5mL	15 x 1.5mL	4 x 2.0mL	35 x 1.5mL
Hole I.D.	6.5mm	8mm	11mm	13mm	11mm
Hole depth	20mm	29mm	34.5mm	34.5mm	34.5mm

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Ordering Information

Catalog No.	Description
1093001	CB-1 Block Cooler, Block Cooling / Heating drybath with built incubation program and 48-well aluminum block, 100 - 240V AC / 50 - 60Hz
1093002	CB-1 Block Cooler, Block Cooling / Heating drybath with built incubation program and 35-well aluminum block (for 1.5ml tube), 100 - 240V AC / 50 - 60Hz
Accessories	
1093101	48-well aluminum block for CB-1
1093102	35-well aluminum block (1.5ml tube) for CB-1
1093201	48-well Rubber for block * 1
1093202	35-well Rubber for block * 1
1092104	Block Extractor

