

heating

- MICROPROCESSOR CONTROL WITH DIGITAL PERFORMANCE FOR PRECISE, ACCURATE CONTROL
- WIDE TEMPERATURE CONTROL RANGE WITH EXCELLENT UNIFORMITY
- RAPID TEMPERATURE INCREASE RATE
- LCD SCREEN SHOWING TIMER AND TEMPERATURE SIMULTANEOUSLY
- USER TEMPERATURE CALIBRATION

DIGITAL DRY BATHS

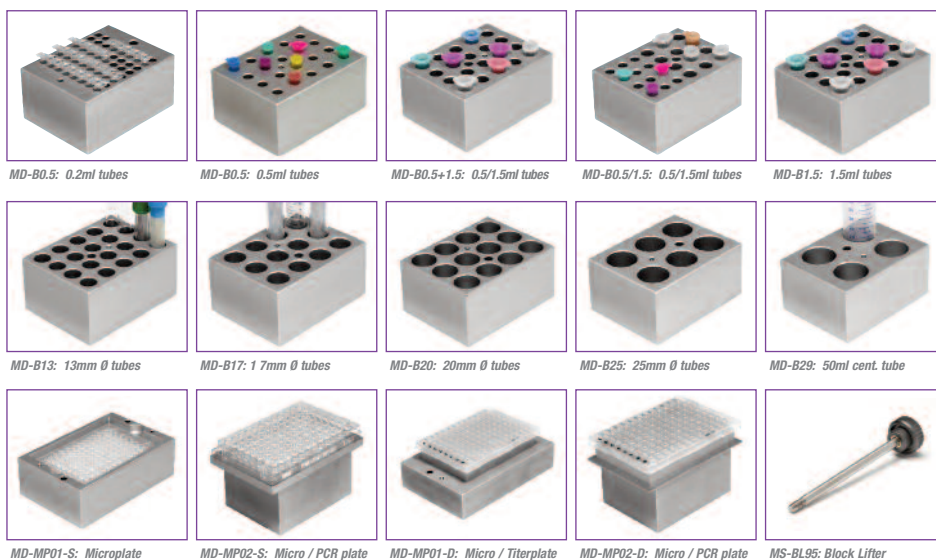
CUBE digital dry baths are available in single and dual block models, and comprise a comprehensive range of interchangeable blocks. Each digital dry bath is compact and easy-to-use. Interchangeable quick-change blocks have rapid heat-up times and reproducible temperature uniformity and accuracy, and may be used in a variety of applications, which include: restriction digestion, BUN, melting agar, coagulation studies, hybridisation, Hot Start PCR® reactions and DNA denaturation. Because of an impermeable moulded aluminium alloy block construction, each Cube dry bath may also be adapted as a mini water bath incubator if desired.



Both dry baths incorporate a digital microprocessor controller for accurate temperature control in 0.1°C increments from ambient +5°C to 150°C. Rapid and easy programming is facilitated by the easy to use arrow keys on the sloped front panel, while both the temperature and running time are shown simultaneously on the conspicuous dual digital LCD display. Software options are available for data logging to a PC and computer control (please enquire).

Technical Specifications

Cat. No.	TCDB-01	TCDB-02
NUMBER OF BLOCKS	1	2
DISPLAY	LCD DISPLAY	
HEATING POWER	125W	200W
DIMENSIONS (W x L x H)	15x15x13.5 mm	15x23x13.5 mm
CONTROLLER	DIGITAL MICROPROCESSOR	
HEATING CHAMBER	MOULDED ALUMINIUM ALLOY CHAMBER	
TEMPERATURE RANGE	5°C ABOVE AMBIENT TO 150°C	
TEMPERATURE INCREMENT	0.1°C	
TEMP. UNIFORMITY AT 37°C	WITHIN 0.2°C	
TEMP. ACCURACY AT 37°C	WITHIN 0.2°C	
TEMP. CALIBRATION	YES	
TIMER	UP TO 99(HR) : 59(MIN), CONTINUOUS	
SAFETY	LEAK PROOF HEATING CHAMBER OVER TEMPERATURE PROTECTION SSR FAILURE DETECTION	
OPERATING TEMP.	AMBIENT TO 40°C	



ORDERING INFORMATION

SINGLE BLOCK

TCDB-01	The Cube Dry Bath Incubator (one block unit); without block 220V
Accessories	
MD-MP01-S	Block for Microplate; Titerplate Plain Block for Single Block Unit Only
MD-MP02-S	Block for 96 wells deep Microplate or PCR plate for Single Block Unit Only
MD-MP01-D	Block for Microplate; Titerplate Plain Block for Dual Block Unit Only
MD-MP02-D	Block for 96 wells deep Microplate or PCR plate for Dual Block Unit Only
MD-B0.5/1.5	Double side block: one side for 1.5 or 2.0 ml tube, 20 wells; Opposite side for 0.5 ml tube, 30 wells
MD-B0.5+1.5	Combination block : for 0.5 ml tube, 12 wells and for 1.5 or 2.0 ml tube, 12 wells (on the same side)
MD-B0.2	Block for 0.2 ml tube, 64 wells or for 0.2 ml PCR strip tubes for 8 wells x 8

DUAL BLOCK

TCDB-02	The Cube Dry Bath Incubator (dual block unit); without block 220V
MD-B0.5	Block for 0.5 ml tube, 20 wells
MD-B1.5	Block for 1.5 ml tube, 20 wells
MD-B13	Block well size 13 mm, 20 wells
MD-B17	Block for 15 ml centrifuge tube, 12 wells
MD-B20	Block well size 20 mm, 12 wells
MD-B25	Block well size 25 mm, 6 wells
MD-B29	Block for 50 ml centrifuge tube, 4 wells
MD-RS232	RS232 Cable
MD-DSLW	Single License Software Package for Datalogging