



MD-01N and MD-02N

One block and Two block Dry Baths with interchangeable heating block modules for a variety of applications. Models include PI controller for easy temperature selection, rapid heat up and excellent stability. Temperature may be set in 0.1°C increments from above ambient to 150°C. Temperature uniformity  $\pm 0.2^\circ\text{C}$ , temperature accuracy  $\pm 0.2^\circ\text{C}$ . Includes temperature calibrated function. RS-232 output for datalogger. Includes a temperature calibration function and a timer 0 to 9999 minutes. Temperature range: Ambient plus 5°C to +155°C at an accuracy of  $\pm 0.2^\circ\text{C}$   
 Ext Dims: 260Lx210Wx80D mm  
 Block dims: 105Lx80Wx50mmD with handy lift out device.

Block Models	Tube Capacity / Dia	No. of Wells	Depth of Wells
AB-15	15ml / 17mm	12	40mm
AB-10	10ml / 16mm	12	
AB-2/1.5	0.2ml	30	16mm parallel
AB-0.5	0.5ml	20	28mm tapered
AB-0.2	1.5ml	20	34mm tapered
AB-MP	96 Well Microtitre Plate (2 blocks)		

Custom blocks available on request.



Heat/Cool Dry Bath  
MC-01N

Heat/Cool Dry Bath with large screen and advanced programmable microprocessor controller to control temperature (-10°C to 100°C in 0.1°C increments) and time (0-9999 mins). Cooling is provided by a peltier device. Easy user calibrated temperature to in-house when required. It is very suitable for an reaction needing very low or high temperatures. Heat/Cool Dry Bath incubator combines accuracy, flexibility, and reliability of a traditional incubator. It is suitable for any type of block from 0.2ml to 50ml tube sizes. Uses a 128x24 dot matrix large screen. RS-232 output for datalogger. The aluminium block fits into a leakproof stainless steel chamber which is heated and cooled, with the cooling carried out by an efficient peltier cooling unit.  
 Temperature Accuracy:  $\pm 0.2^\circ\text{C}$   
 Block Dimensions: 125Lx90Wx50H mm  
 Ext Dims: 300Lx210Wx180H mm

Two operation modes:  
 Constant Operation - Temperature (-10°C to 100°C) with timer (0~9999 mins).  
 Program operation - Programmable 1~4 step, 1~9 cycle time  
 Temperature Accuracy:  $\pm 0.2^\circ\text{C}$ , Temperature Uniformity:  $\pm 0.2^\circ\text{C}$   
 Block Dimension: 125Lx90Wx50D mm  
 Unit Dimension: 30Lx21Wx18D cm

Available blocks on following page.



Block Models	Tube Dia	No. of Wells
MC-B0.5	0.5ml	30
MC-B1.5	1.5ml	30
MC-B10	10mm	30
MC-B13	13mm	30
MC-B16	16mm	15
MC-B17	15 ml centrifuge tube	15
MC-B20	20mm	15
MC-B25	25mm	6
MC-B29	50mm centrifuge tube	6
MC-MP01	For microplate and Titerplate (Plain block)	
MC-MP02	For 96 wells deep microplate or PCR plate	
MC-B0.5+1.5	Combination: 15x15ml and 15x0.5ml	
MC-B0.2+0.5+1.5	Combination: 24x0.2ml and 10x0.5ml and 10x1.5ml	