

Genius Dry Bath Incubator

Product Description

One and dual block Genius Dry Bath Incubators use interchangeable heating block modules for a variety of applications, including restriction digests, denaturing DNA, BUN, melting agar, coagulation studies, hybridization and Hot Start thermo-cycled reaction, in addition to the function of water bath. All models incorporate a PID controller for easy temperature selection, rapid heat up and excellent stability. Temperature may be set in 0.1°C increments from 5°C above ambient to 150°C. An optional temperature probe is available for placing directly in samples. A timer equipped may be set from 0 to 999 mins for user's convenience. In addition to the optional Data Logging software package, another optional Function Control software package controls dry bath incubator through a computer.

RENEWED



Cat. No. :MD-01N



Cat. No. :MD-02N



MD-B17
For 15ml centrifuge tube, 12 wells



MD-B29
For 50ml centrifuge tube, 4 wells



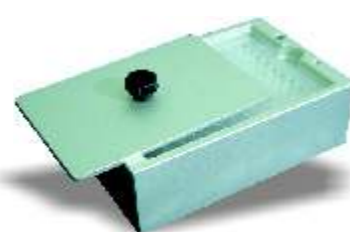
MD-MP01-S
For Microplate; Titerplate (Plain Block for Single Block unit only)



MD-MP02-S
For 96 wells Deep Microplate or PCR plate (for Single Block unit only)



MD-MP02-D
For 96 wells Deep Microplate or PCR plate (for Dual Block unit only)



MD-MP01-D
For Microplate; Titerplate (Dual Block unit only)

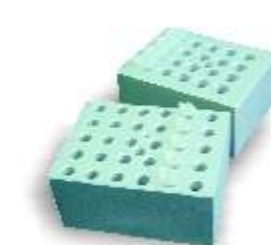
Ordering Information

- MD-01N-110/220 Genius Dry Bath Incubator (one block unit); without block
- MD-02N-110/220 Genius Dry Bath Incubator (dual block unit); without block

Aluminum Insert Block 79 x 104 x 50mm (W x L x H)

- MD-MP01-S For Microplate; Titerplate (Plane bottom for single block unit only)
- MD-MP02-S For 96 wells Deep Microplate or PCR plate (for single block unit only)
- MD-MP01-D For Microplate; Titerplate (for dual block unit only)
- MD-MP02-D For 96 wells Deep Microplate or PCR Plate (for dual block unit only)
- MD-B0.2 For 0.2ml tube, 64 wells (or 0.2 ml PCR Strip tube for 8 wells x 8)
- MD-B0.5 For 0.5ml tube, 20 wells
- MD-B1.5 For 1.5 or 2.0ml tube, 20 wells
- MD-B1.5V For 1.5 V-shaped tube only, 20 wells
- MD-B0.5/1.5 One side for 1.5 or 2.0ml tube, 20 wells
Another side for 0.5ml tube, 30 wells on the opposite side
- MD-B0.5+1.5 Combination: 1.5 or 2.0ml tube, 12 well and 0.5ml tube, 12 wells (On the same side)
- MD-B13 Well size: 13mm, 20 wells
- MD-B17 Well size: 17mm, For 15 ml Centrifuge tube, 12 wells
- MD-B20 Well size: 20mm, 12 wells
- MD-B25 Well size: 25mm, 6 wells
- MD-B29 For 50ml Centrifuge tube, 4 wells

● customized blocks are also available



MD-B0.5/1.5
One Side for 1.5 or 2.0ml tube, 20 wells and another side for 0.5 ml tube, 30 wells (on the opposite side)



MD-B0.2
For 0.2ml tube, 64 wells (or 0.2ml PCR Strip tube for 8 wells x 8)



MD-B0.5+1.5
Combination: for 0.5ml tube, 12 wells; and for 1.5ml tube, 12 wells (on the same side)



MD-B0.5
For 0.5ml tube, 20 wells

MD-B1.5
For 1.5ml tube, 20 wells

MD-B13
Well size 13mm, 20 wells

MD-B25
Well size 25mm, 6 wells

MD-B20
Well size 20mm, 12 wells

Genius Dry Bath Incubator

Features

- Microprocessor control with Digital performance
- Wide temperature control range & Great temperature controlled performance
- Rapid temperature increasing rate
- Digital LED display & Timer
- User temperature calibration
- Used as a water bath
- Data Log software package available
- Function Control software package available

Specification

- Display: One digital display
- Power: 200W for MD-01N; 300W for MD-02N
- Controller: Digital Microprocessor Controller
- Temperature Control Range: 5°C above ambient to 150°C
- Temperature Increase: 0.1°C
- Temperature Calibration: Yes
- Temperature Uniformity @ 37°C: ± 0.2°C
- Temperature Accuracy @ 37°C: ± 0.2°C
- Timer: 1 - 999 mins, continuous
- Safety Device: Leakage proof for heating chamber
- Operating Temperature: Ambient to 40°C
- Special Feature: Used as water bath incubator
- Heating Chamber: Molded Aluminum Chamber
- Block Material: Aluminum
- Block Type: Standard and customized types are available
- Data Log: RS 232
- Rated Voltages: 110V or 220V
- Unit Dimension (W x L x H): 200 x 290 x 80 mm
- Weight: 2.6kg for MD-01N; 2.8kg for MD-02N



■ Water bath

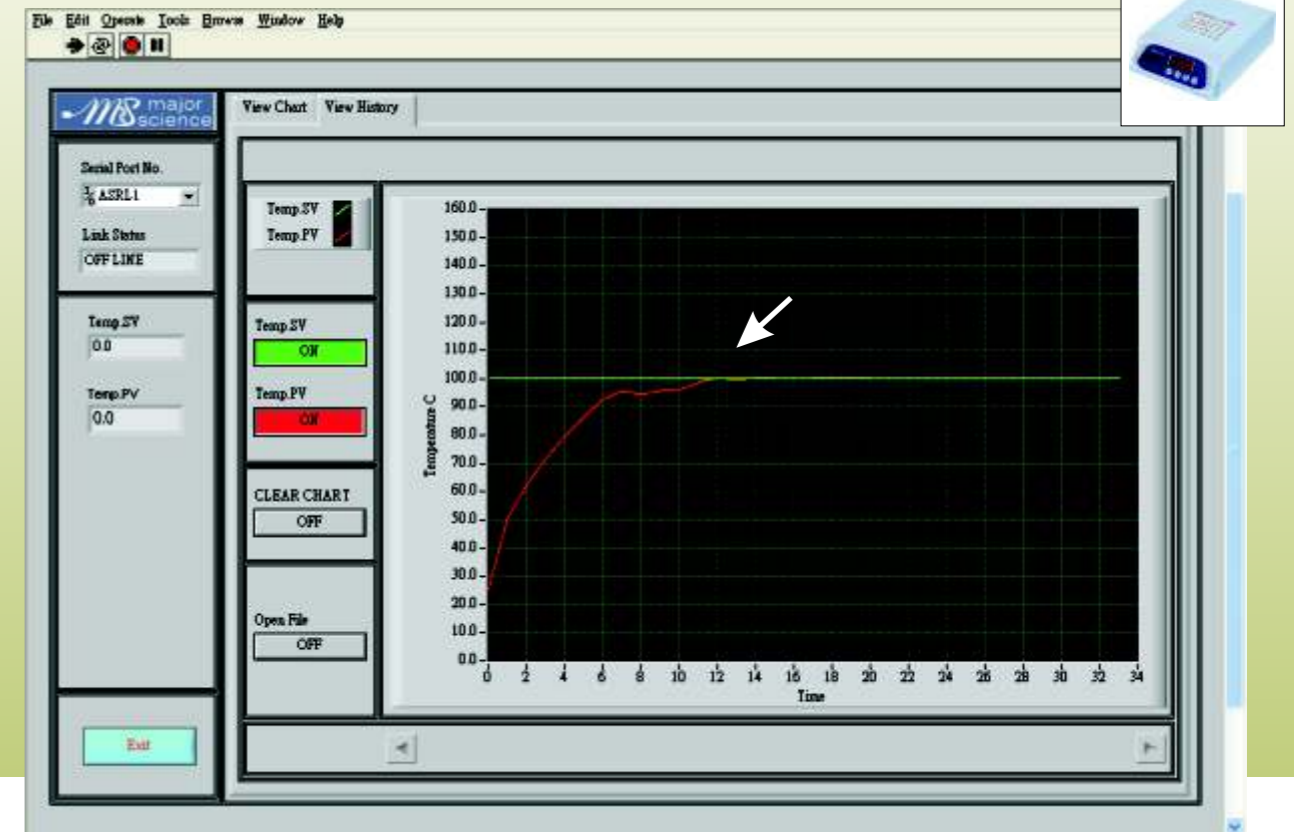
Ordering Information

MD-01N-110/220	Genius Dry Bath Incubator (one block unit); without block
MD-02N-110/220	Genius Dry Bath Incubator (dual block unit); without block
MD-P01	Thermocouple
MD-RS232	RS 232 cable
MD-DLSW	Data Logging software package
MD-PCSW	Function Control software package
MD-DLSW-R	Data Logging software package, including a RS 232 cable
MD-PCSW-R	Function Control software package, including a RS 232 cable

Modes with external thermocouple are also available

- Temp. Set Value: 100°C
- Initial Temp. Value: 25 °C

Block Mode: MD-B1. 5
Process Time: approx. 12mins



- Temp. Set Value: 100°C
- Initial Temp. Value: 34°C

Block Mode: MD-B1. 5
Process Time: approx. 14mins

