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Genius Dry Bath Incubator

V.2.1

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The Genius dry bath incubators includes single and dual block modes, along with a competitive range of interchangeable block. It is designed for a variety of applications, including restriction digests, denaturing DNA, BUN, melting agar, coagulation studies, hybridization and Hot Start thermo-cycled reaction. Microprocessor controller offers easy temperature selection, rapid heat up and excellent stability. The temperature can 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 can be set from 1- 999 mins. Genius series can be used as a mini water bath. Optional Function Control software controls dry bath incubator and real time data recording through a PC for your specified requirement.

Features

>Microprocessor control with digital performance for precise, accurate control
>Wide temperature control range & great temperature controlled performance
>Rapid temperature increasing rate
>Digital LED display & timer
>User temperature calibration
>Used as a water bath
>Molded aluminum alloy chamber
>Function Control software available

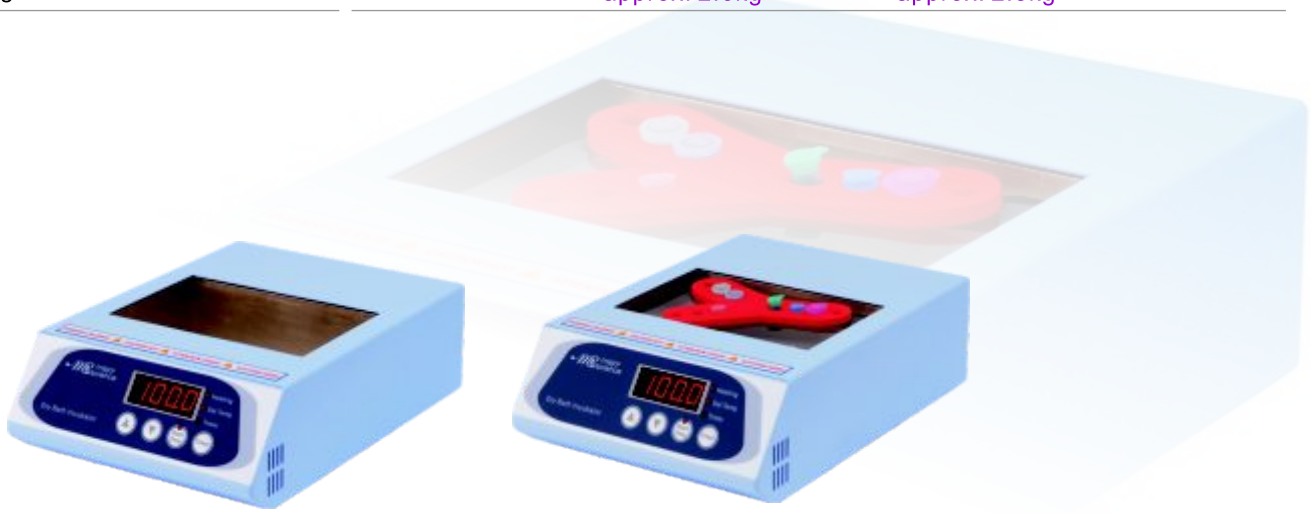
CE

Cat. No. :MD-01N

CE

Cat. No. :MD-02N

Specification	MD-01N (One Block)	MD-02N (Dual Block)
Display	LED Display	
Heating Power	125W	200W
Unit Dimension (W x L x H)	200 x 290 x 80mm	
Controller	Digital microprocessor controller	
Heating Chamber	Molded aluminum alloy chamber	
Temperature Control Range	5°C above ambient to 150°C	
Temperature Increment	0.1°C	
Temperature Uniformity at 37°C	± 0.2°C	
Temperature Accuracy at 37°C	± 0.2°C	
Temperature Calibration	Yes	
Timer	1 ~ 999mins, continuous	
Safety Device	Leakage proof for heating chamber	
	Over temperature protection	
	SSR failure detection	
Operating Temperature	Ambient to 40°C	
Special Feature	Used as water bath incubator	
Block Material	Aluminum alloy	
Block Type	Standard and customized type are available	
Data Log	RS 232	
Rated Voltage	110V or 220V	
Weight	approx. 2.6kg	approx. 2.8kg



■ 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

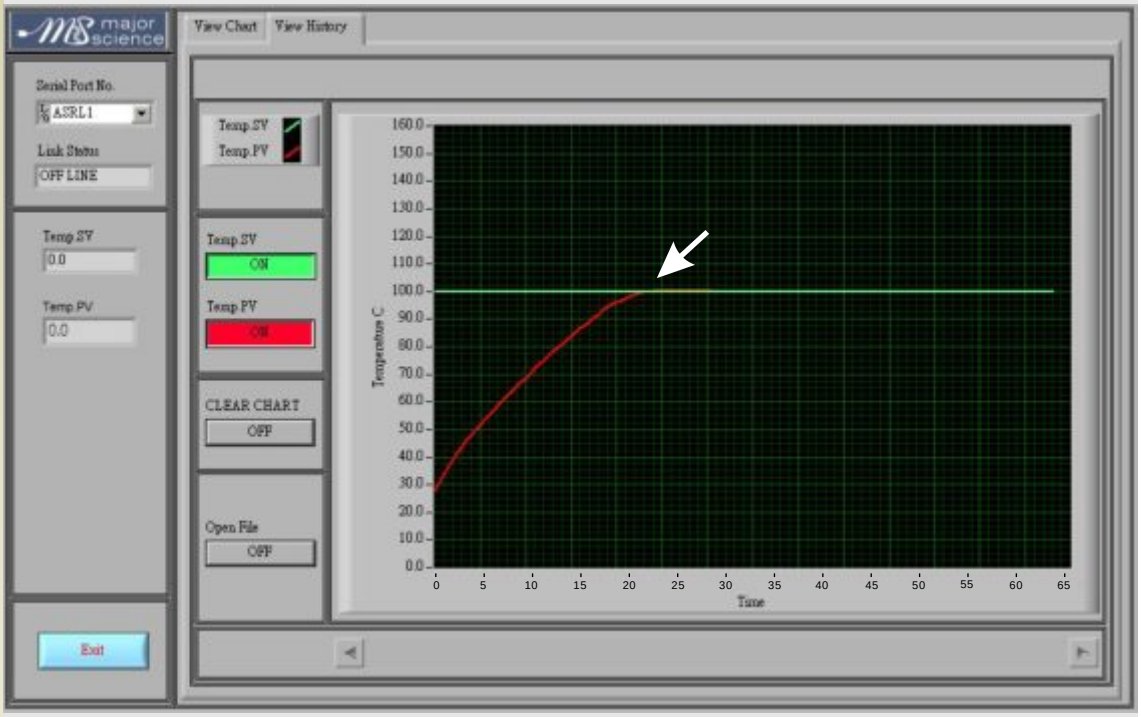
Modes with external thermocouple are also available

Cat. No. :MD-01N

- Temp. Set Value: 100°C
- Initial Temp. Value: 27.6 °C

Block Mode: MD-B0 .2

Process Time: approx. 22mins

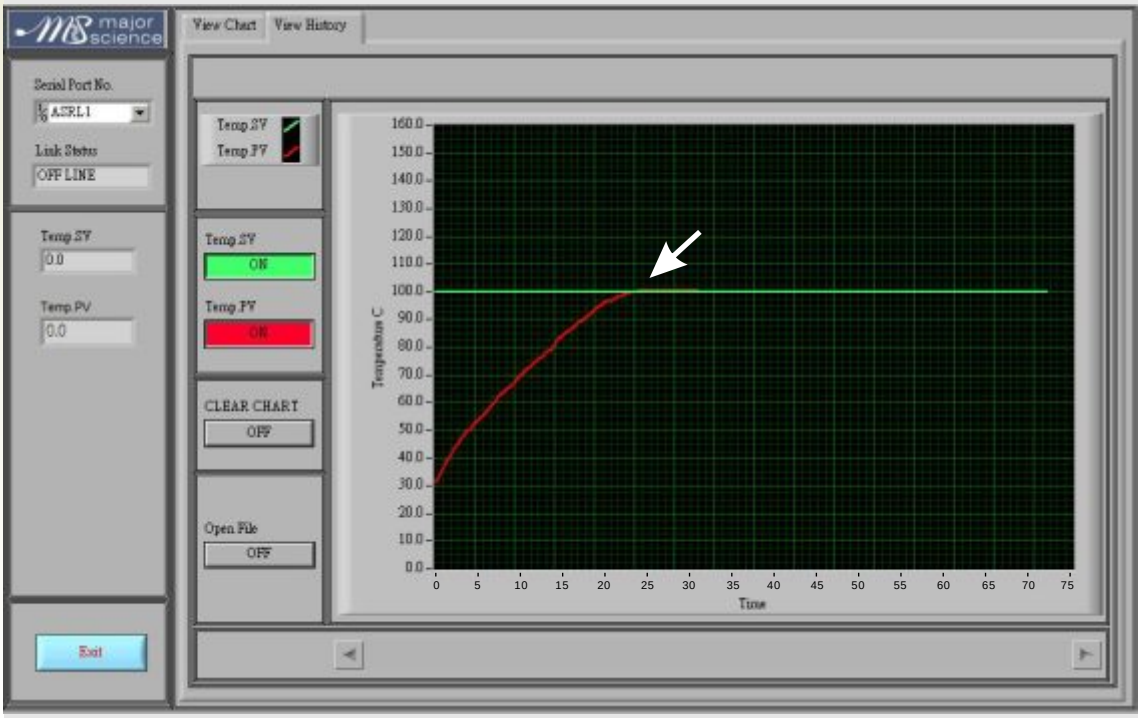


Cat. No. :MD-02N

- Temp. Set Value: 100°C
- Initial Temp. Value: 31.5°C

Block Mode: MD-B0 .2

Process Time: approx. 24mins



Dry Bath Blocks

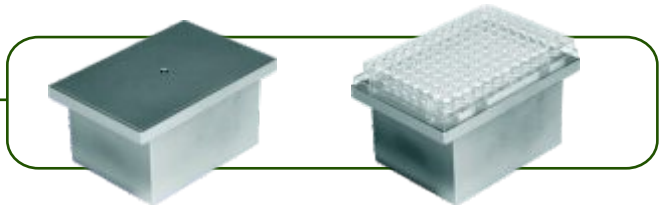
Dry Bath Blocks are designed for Elite Dry Bath Incubator and Genius Dry Bath Incubator. The precision machined aluminum alloy blocks, which are suitable for microplate and different test tubes, range from 0.2ml tube to 50ml centrifuge tube, deliver efficient heat transfer. In addition to the standard blocks, customized blocks are also available for specified user requirement.

Specification

Block Material	Aluminum alloy
Dimension (W x L x H)	79 x 104 x 50mm
Block Lifter Well	Yes
Thermometer Well	Yes (except microplate blocks)

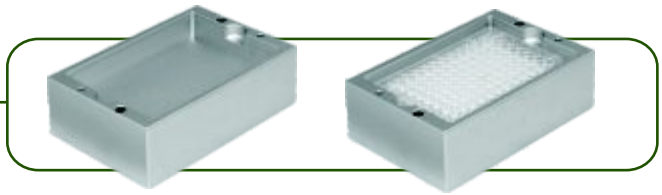
MD-MP01-S

For Microplate;Titerplate (Plain Block for Single Block unit only)



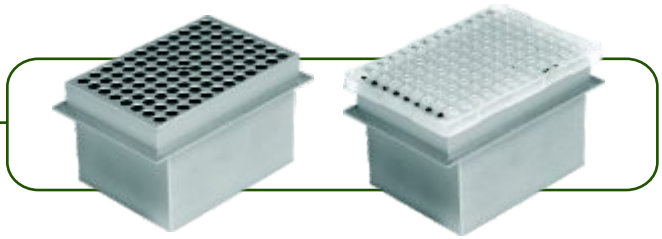
MD-MP01-D

For Microplate;Titerplate (Dual Block unit only)



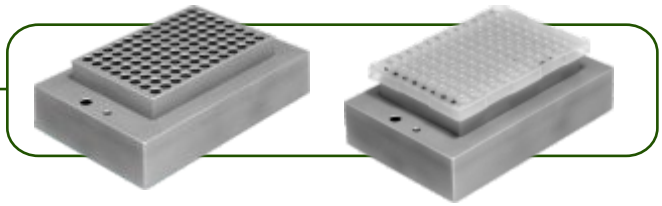
MD-MP02-S

For 96 wells Deep Microplate or PCR plate (for Single Block unit only)



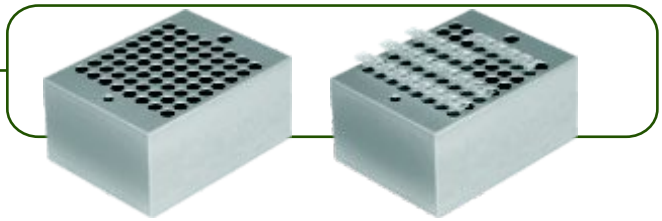
MD-MP02-D

For 96 wells Deep Microplate or PCR plate (for Dual Block unit only)



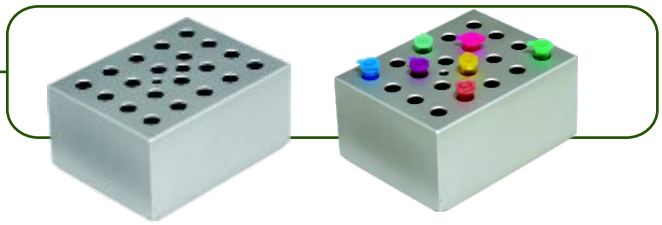
MD-B0.2

For 0.2ml tube, 64 wells (or 0.2ml PCR Strip tube for 8 wells x 8)



MD-B0.5

For 0.5ml tube, 20 wells



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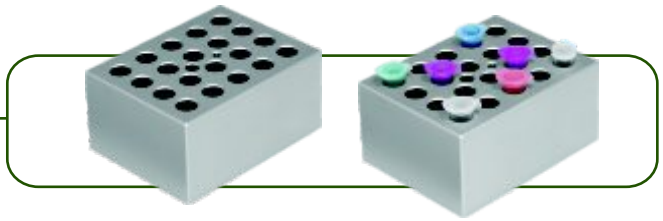
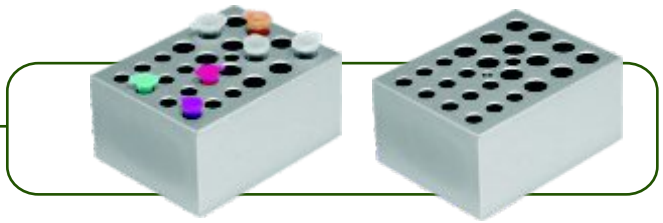
MD-B1.5

For 1.5ml tube, 20 wells



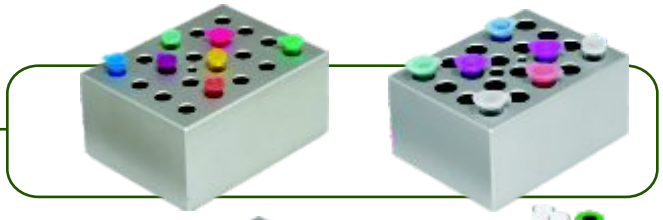
MD-B0.5+1.5

Combination: for 0.5ml tube,12 wells; and for 1.5ml tube,12 wells (on the same side)



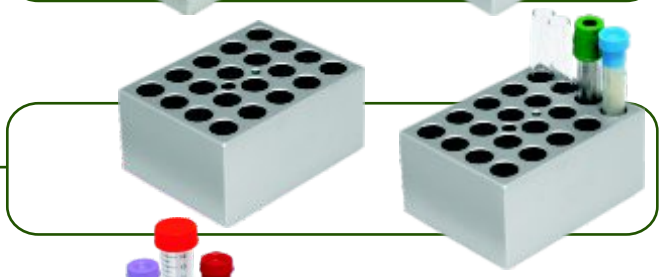
MD-B0.5/1.5

One Side for 1.5 or 2.0ml tube, 20 wells and another side for 0.5 ml tube, 20 wells (on the opposite side)



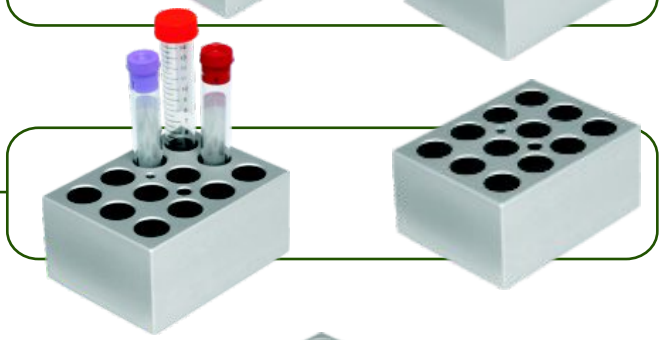
MD-B13

Well size 13mm,20 wells



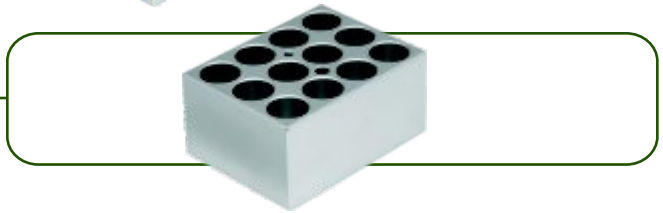
MD-B17

For 15ml centrifuge tube,12 wells



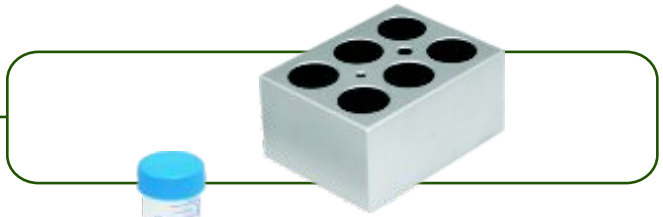
MD-B20

Well size 20mm,12 wells



MD-B25

Well size 25mm, 6 wells



MD-B29

For 50ml centrifuge tube,4 wells

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