

Cool-Hotter Dry Bath Incubator

Product Description

There are two modes of Cool-Hotter Dry Bath Incubators available with different temperature increasing and decreasing performances. With the feature of interchangeable block, both modules are for a variety of applications including ligation, storage, restriction digests, denaturing DNA, BUN, melting agar, coagulation studies, hybridization and Hot Start thermo-cycled reaction. Both models incorporate a PID controller for easy temperature selection, rapid heat up and cooling down with an excellent stability. Temperature may be set in 0.1°C increments from -10°C to 100°C. Both contain Constant Operation, Programmable Mode, and Annealing Mode.

Similarly to Dry Bath Incubator, there are optional Data Logging software package, and optional Function Control software package available for different levels of user requirement.



Cat. No. :MC-01N



Cat. No. :MC-01S



MC-B17
For 15 ml centrifuge tube, 15 wells

MC-B20
Well size 20mm, 15 wells

MC-B25
Well size 25mm, 6 wells

MC-B29
For 50ml centrifuge tube, 6 wells



MC-B0.5
For 0.5ml, 30 wells

MC-B1.5
For 1.5 or 2.0ml, 30 wells

MC-B13
Well size 13mm, 30 wells



MC-B0.2H
(1/2) Half Block for 0.2ml tube, 40 wells (or 0.2ml PCR Strip tube for 8 wells x 5)

MC-B0.5H
(1/2) Half Block for 0.5ml tube, 15 wells

MC-B1.5H
(1/2) Half Block for 1.5 or 2ml tube, 15 wells

One Cool-Hotter Dry Bath Incubator can insert 2 ea of Half Block

Ordering Information

- MC-01N-110/220 Cool-Hotter Dry Bath Incubator; without block
- MC-01S-110/220 Superior Cool-Hotter Dry Bath Incubator; without block

Aluminum Insert Block for MC-01N: 90 x 127 x 50mm (W x L x H)

Aluminum Insert Block for MC-01S: 90 x 127 x 30mm (W x L x H)

- MC-MP01 For Microplate; Titerplate (Plane bottom)
- MC-MP02 For 96 wells Deep Microplate; PCR Plate or 0.2 ml PCR Strip Tube
- MC-B0.5 For 0.5ml tube, 30 wells
- MC-B1.5 For 1.5 or 2.0ml tube, 30 wells
- MC-B0.5+1.5 Combination: 1.5 or 2.0ml tube, 15 well and 0.5ml tube, 15 wells (On the same side).
- MC-B0.2+0.5+1.5 Combination: 0.2ml tube (or Strip tube for 8 wells), 24 wells 1.5 or 2.0ml tube, 10 well and 0.5ml tube, 10 wells
- MC-B0.2H (1/2) Half Block for 0.2 tube or PCR Strip tube for 8 wells, 40 wells
- MC-B0.5H (1/2) Half Block for 0.5ml tube, 15 wells
- MC-B1.5H (1/2) Half Block for 1.5 or 2.0ml tube, 15 wells
- MC-B13 Well size: 13mm, 30 wells
- MC-B17 Well size: 17mm, For 15ml Centrifuge tube, 15 wells
- MC-B20 Well size: 20mm, 15 wells
- MC-B25 Well size: 25mm, 6 wells
- MC-B29 For 50 ml Centrifuge tube, 6 wells
- MC-BS0.2+0.5 Combination: 0.2ml tube, 36 wells; 0.5ml, 20 wells
- MC-BS0.5+1.5 Combination: 0.5ml tube, 18 wells; 1.5ml, 14 wells

● customized blocks are also available



MC-MP01
For Microplate; Titerplate (Plain Block)



MC-B0.5+1.5
Combination: 1.5ml or 2.0 ml tube, 15 wells and 0.5ml tube, 15 wells (on the same side)



MC-MP02
For 96 wells Deep Microplate or PCR plate



MC-B0.2+0.5+1.5
Combination: 0.2ml tube (or Strip tube for 8 wells), 24 wells; 1.5ml or 2.0ml tube, 10 wells and 0.5ml tube, 10 wells (on the same side)



MC-BS0.5+1.5
Combination: 0.5ml tube, 18 wells; 1.5ml, 14 wells



MC-BS0.2+0.5
Combination: 0.2ml tube, 36 wells; 0.5ml, 20 wells

Cool-Hotter Dry Bath Incubator

Features

- Microprocessor control with Digital performance
- Wide temperature control range & Great temperature controlled performance
- LCD screen & Timer
- User temperature calibration
- Used as a water bath
- Data Log software package available & Function Control software package available

Specification

- Controller: Digital Microprocessor controller
- Display: 128 x 64 Dot Matrix Display
- Temperature Control Range: -10 ~ 100°C in the environment of 25 °C
- Temperature increase: 0.1°C
- Temperature Calibration: Yes
- Temperature uniformity: ± 0.2°C
- Temperature accuracy: ± 0.2°C
- Operation mode:
 - Constant operation: Constant temperature (-10~100°C); Timer: 1-9999 mins
 - Program operation: Programmable: 1-4 steps and up to 9 cycles; Timer: 1-9999 mins for each step
 - Annealing Program
- Data Log: RS 232
- Operating Temperature: Ambient to 40°C
- Safety Device: Leakage proof for heating chamber
- Special Feature: Used as water bath incubator
- Heating Chamber Material: water-proof Aluminum
- Block Material: Aluminum
- Chamber Dimension: 125 x 90 x 50mm (L x W x D) for MC-01N
125 x 90 x 30mm (L x W x D) for MC-01S
- Block Type: Standard and customized types are available
- Rated Voltages: 110V / 220V selectable
- Unit dimension: 200 x 295 x 140 mm (W x L x H)
- Weight: approx. 8.0kg



■ Water bath

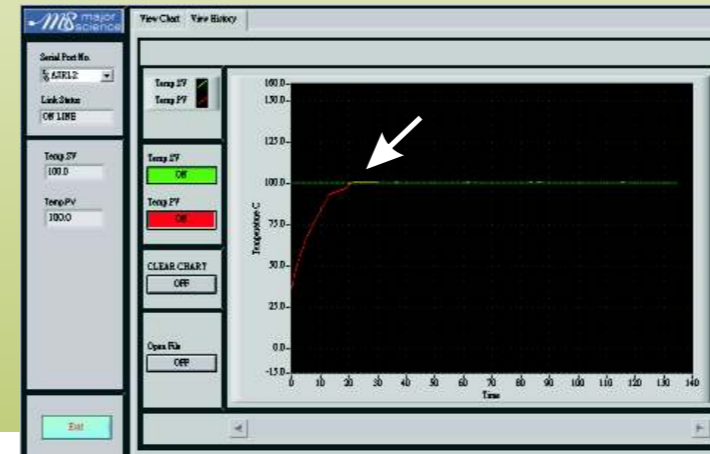
Ordering Information

MC-01N-110/220	Cool-Hotter Dry Bath Incubator; without block
MC-01S-110/220	Superior Cool-Hotter Dry Bath Incubator; without block
MC-RS232	RS 232 cable
MC-DLSW	Data Logging software package
MC-PCSW	Function Control software package
MC-DLSW-R	Data Logging software package, including a RS 232 cable
MC-PCSW-R	Function Control software package, including a RS 232 cable

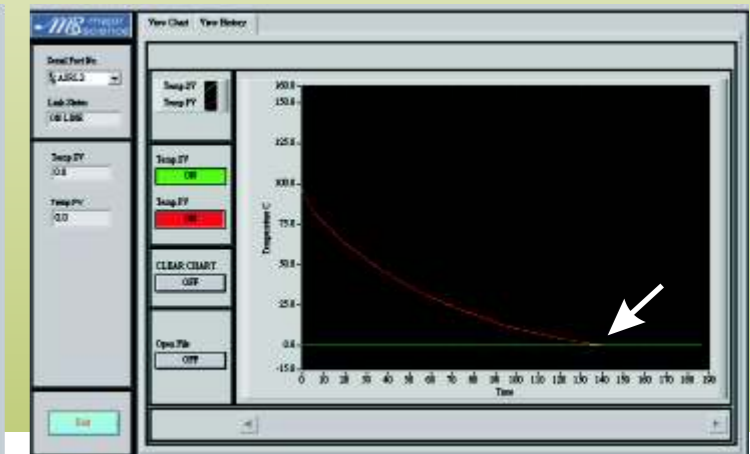


Cat. No. :MC-01N

- Temp. Set Value: 100°C
- Initial Temp. Value: 37 °C
- Block Mode: MC-BS0.2+0.5
- Process Time: approx. 18mins

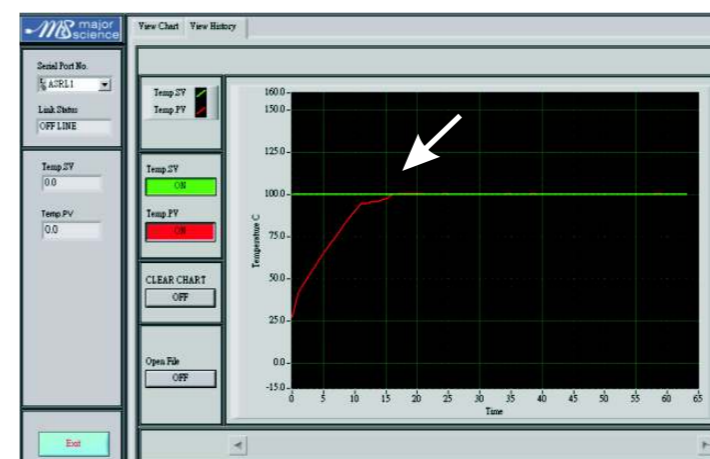


- Temp. Set Value: -10°C
- Initial Temp. Value: 100 °C
- Block Mode: MC-BS0.2+0.5
- Process Time: approx. 120mins



Cat. No. :MC-01S

- Temp. Set Value: 100°C
- Initial Temp. Value: 27 °C
- Block Mode: MC-BS0.2+0.5
- Process Time: approx. 12mins



- Temp. Set Value: -10°C
- Initial Temp. Value: 100 °C
- Block Mode: MC-BS0.2+0.5
- Process Time: approx. 50mins

