



# 2015 BROCHURE

## Dry Bath Incubator



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Major Science designs and manufactures a comprehensive range of thermoblock reactors used throughout the world for analytical, diagnostic and research purposes. The key product group includes Mini, Genius, Elite and Ultimate Dry Bath Incubator. This line features digital micro-processor control, user temperature calibration, advanced temperature control performance as well as long durability and user-friendly design.

- Multi-purpose system: could be used as a mini water bath or bead bath with leak proof heating chamber
- Molded aluminum alloy chamber with PTFE coating resists stains and water marks
- PID temp. control helps maintain temperature accuracy: no more temperature overshooting
- Safety device: over-heating protection & SSR failure detection (selected model only)
- Outstanding heating rate
- Temperature uniformity at  $\pm 0.2^{\circ}\text{C}$
- User temperature calibration available for all units
- External temp. probe available for function control & data logging software (MD-01N/02N only, optional with RS232 )



**Mini Heating Dry Bath Incubator**  
MD-MINI

FC CE



**Mini Cooler**  
MC-02 Series

CE



**NEW**



Bead bath

**Elite Dry Bath Incubator**  
EL-01

CE



**Elite Dry Bath Incubator**  
EL-02

CE



Water Bath

**Genius Dry Bath Incubator**  
MD-01N

CE



**Genius Dry Bath Incubator**  
MD-02N

CE



**Ultimate Dry Bath Incubator**  
MC-01 Series

CE



**Mini, Elite and Genius Dry Bath Incubator**

Cat. No.	MD-MINI	EL-01	EL-02	MD-01N	MD-02N
Display	LED Display	LCD Display		LED Display	
Temp. Control Range	5°C above ambient to 100°C	5°C above ambient to 150°C			
Temp. Increment	0.10°C				
Temp. Accuracy at 37°C	± 0.25°C	±0.20°C			
Timer	1-9999 mins, continuous	Up to 99(hr) : 59(mins), continuous		1-999 mins, continuous	
Unit Dimension	153 x 125 x 97mm	152 x 150 x 135mm	152 x 230 x 135mm	200 x 298 x 80mm	

**Ultimate Dry Bath Incubator**

Cat. No.	MC-01N	MC-01S
Chamber Dimensions	130 x 90 x 50mm	130 x 90 x 30mm
Unit Dimension	200 x 295 x 140mm	
Display	2.6" LCD	
Temp. Control Range	30°C below ambient temperature ( minimum -10°C ) to 100°C	
Temp. Increment	0.10°C	
Temp. Accuracy at 37°C	± 0.20°C	
Operation Mode	Constant operation: constant temp.( -10 ~ 100°C ); Timer:1-9999 mins Program operation: 1-4 steps and up to 9 cycles; Timer: 1-9999 mins for each step; Annealing program	

**Mini Cooling Dry Bath Incubator**

Cat. No.	MC-0201	MC-0203
Display	LCD	
Heating / Cooling Power	max. 60W	max. 60W
Unit Dimension(W x L x H)	135 x 152 x 185mm, excluding lid	
Controller	high performance microprocessor	
Heating / Cooling Chamber	Molded aluminum alloy coated with PTFE	
Temperature control range	30°C below ambient (min: -10°C) to 20°C	30°C below ambient to 100°C (min: -10°C)
Temp. Increment / Decrement	0.1°C	
Heating Rate	N / A	Max. 5°C / min
Cooling Rate	Max. 4°C / min	
Programmable	N / A	Yes
Timer	1 - 9999 mins	
Block type	Standard (MD-MINI) and customization upon request	
Special Feature	USB for data logging and control	
	N / A	

\*Please visit our website [www.majorsci.com](http://www.majorsci.com) for more product selection and detail information.

\*Technical specification subject to change without notice.



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