Dry Bath Incubator

Mini Cooler, MC-0203



MD-MINI-LID MD-MINI-CAR-ADAPTER

• 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 ±0.2°C

· User temperature calibration available for all units

Mini Dry Bath, MD-MINI

Cat. No.	MD-MINI
Display	LED
Temperature control range	5°C above ambient to 100°C
Temperature increment	0.1°C
Temperature accuracy	± 0.25°C at 37°C
Timer	9999 (min) / Continuous
Dimension (mm)(WxLxH)	153x125x97



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MC-0203 Cat. No. LCD Display Power max. 60W Dimension (mm)(WxLxH) 135x152x185 (excluding lid) High performance 32 bits microprocessor Controller Molded waterproof aluminum alloy coated with PTFE Heating /Cooling chamber 30°C below ambient temperature Temperature control range (minimum -10°C) to 100°C Temperature increment 0.1°C Yes Temperature calibration Heating rate Max. 5°C per min Cooling rate Max. 4°C per min Yes (Quick start, Constant, Programmable, Programmable Annealing program) Timer 9999 (min) Safety Leak proof heating chamber Standard and customized type are available Block type PC Connection

Elite Dry Bath Incubator, EL series



Genius Dry Bath Incubator, MD series



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Cat. No.	EL-01	EL - 02	MD-01N	MD-02N	
Display	LO	CD	LED		
Temperature control range	5°C above ambient to 150°C				
Temperature increment	0.1°C				
Temperature accuracy at 37°C	± 0.2°C				
Timer	99 (hr): 59 (min) / Continuous 999 (min) / Con		Continuous		
Dimension (mm)(WxLxH)	152x150x135	152x230x135	200x2	98x80	

MD-01N / EL-01



Temp. set value:100°C Initial temp. value:25°C

Block model: MD-B1.5

Process time: Approx. 25mins



MD-02N / EL-02

Annealing program

Temp. set value:100°C Initial temp. value:30°C

Block model: MD-B1.5

Process time: Approx. 31mins



^{*}All technical specifications are subject to change without notice.

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^{*}Please visit our website at www.majorsci.com for more product selection and detailed information.

Dry Bath Block / Beads

The precisely machined aluminum alloy blocks deliver efficient heat transfer and are suitable for microplate and various test tubes ranging from 0.2ml to 50ml centrifuge tubes.



Mini Dry Bath Block, Dr. MD-MINI series



Dry Bath Block, MD series Ultimate Dry Bath Block, MC series

Dry Bath Block Specifications

*Customized blocks available.

Cat. No.	Mini Dry Bath Blocks	Dry Bath Blocks	Ultimate Dry Bath Blocks
Block material		Aluminum alloy	
Dimension (mm)(WxLxH)	47x71x32 (MD-MINI-B01/02/05/06/07) 47x71x75(MD-MINI-B03/04)	87x128x62.3(MD-MP01-S) 104x158x50 (MD-MP01-D/ MD-MP02-D) 87x128x69.5(MD-MP02-S) 79x104x50(standard blocks)	89x129x46(standard blocks) 64.5x89x46 (MC-B0.2H/0.5H/1.5H) 89x129x30 (MC-BS0.2+0.5/0.5+1.5)

Flow chart for customization process:





Laser marked on the selected blocks

Metallic Thermal Beads Specifications

Cat. No.	Metallic Thermal Beads
	Metal composition
Properties	Moisture and gas impermeable
	High thermal conductivity
	Smooth, rounded surface
Working temperature range	-80°C to 180°C
Size	Diameter 5-8mm, Height 1-2mm

Metallic thermal beads as an alternative to the dry bath aluminum blocks. The beads are dry metallic thermal alloy designed to replace water in a water bath and ice in an ice bucket.







MD-MINI-B01	MD-MINI-B02	MD-MINI-B03	MD-MINI-B04	MD-MINI-B05	MD-
MD-MINI-B01	For 0.2ml tube (PCR	strip tube), 32 wells, Ø6	3.35mm, depth 17mm, (V	VxLxH) 47x71x32mm	
MD-MINI-B02	For 1.5ml tube, 12 we	ells, Ø10.88mm, depth 3	30mm, (WxLxH) 47x71x3	32mm	
MD-MINI-B03	For 15ml tube, 6 well	s, Ø17.3mm, depth 70m	nm, (WxLxH) 47x71x75m	ım	
MD-MINI-B04	For 50ml tube, 2 well	s, Ø29.0mm, depth 70m	nm, (WxLxH) 47x71x75r	nm	
MD-MINI-B05	For 0.5ml tube, 12 we	ells, Ø7.9mm, depth 25r	nm,(WxLxH) 47x71x32m	ım	
MD-MINI-B06	For 2.0ml or 1.5ml tu	be, 12 wells, Ø11.0mm,	depth 30mm, (WxLxH) 4	17x71x32mm	
MD-MINI-B07	For 2.0ml or 1.5ml tu	be, 12 wells, Ø11.0mm,	depth 30mm, (WxLxH) 4	17x71x32mm	
MS-BL95-E	Block Lifter, 95mm le	ngth with E-type retainir	ng rings		



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	MD-MP01-S	MD-MP01-D	MD-MP02-S	MD-MP02-D	MD-B0.2	MD-B0.5	MD-B1.5 / MD-B1.5V	MD-B0.5+1.5
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	MD-B0.5/1.5	MD-B13	MD-B17	MD-B20	MD-B25	MD-B29	MD-BD01	MD-BD02

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
MD-B1.5	For 1.5ml or 2.0ml tube, 20 wells
MD-B1.5V	For 1.5ml or 2.0ml V-shaped tube, 20 wells
MD-B0,5+1,5	Combination: for 0.5ml tube, 12 wells; and for 1.5ml tube, 12 wells
MD-00.3⊤1.3	(on the same side)

MD-B0.5/1.5	One side for 1.5 or 2.0ml tube, 20 wells and another side for 0.5ml tube, 30 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
MD-BD01	Single bead MD dry bath block, (WxLxH) 79 x104x76mm
MD-BD02	Dual bead MD dry bath block, (WxLxH) 104 x158x76mm
MS-BL95-E	Block Lifter, 95mm length with E-type retaining rings

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