

# Dry Bath Incubator

## MK-10/MK-20 Dry Bath Incubator

The MK-10/MK-20 Dry Bath Incubator is a microprocessor-controlled product using advanced thermoelectric technique. With this technique, more stable and accurated temperature control is achieved. Replacement is convenient with optional metal block of various specifications configured for different types of test tubes.

### Features:

1. LCD display. It is easy to set up and use
2. Simultaneous display of set and actual time, temperature
3. Temperature deflection adjusting meet with different demands
4. Easy to replace the metal blocks and is very simple to clean and sterilize
5. Microprocessor controlled incubation time and temperature
6. Beep-signal/Stop after program completed
7. Peltier design of MK-20 provides efficient thermal control

### Specification:

Model	MK-10	MK-20
Temperature Control Range	RT+5°C~70°C	-10°C~100°C
Timing Range	1min~99h59min	1min~99h59min
Temp. Control Accuracy	±0.5°C	±0.5°C
Display Accuracy	±0.1°C	±0.1°C
Heating Time(25 to 100°C)	≤12min	≤20min
Cooling Time(20 to -10°C)	----	≤30min (*)
Heating Part	Heater	Peltier
Cooling Part	----	Peltier
Certificate	CE	CE
Dimension(mm)	300 x 220x 180	300 x 220x 180
Net Weight	2.5kg	5kg

\*1) Cooling time ≤25min (20°C to -5°C) if the room temperature is lower than 30 °C

\*2) Cooling time ≤30min (20°C to -10°C) if the room temperature is lower than 25 °C

Code	Description
AS-01040-00	MK-10 AC220V or AC120V, 50/60Hz, 150W
AS-01050-00	MK-20 AC220V or AC120V, 50/60Hz, 200W

### Block for MK-10 / MK-20

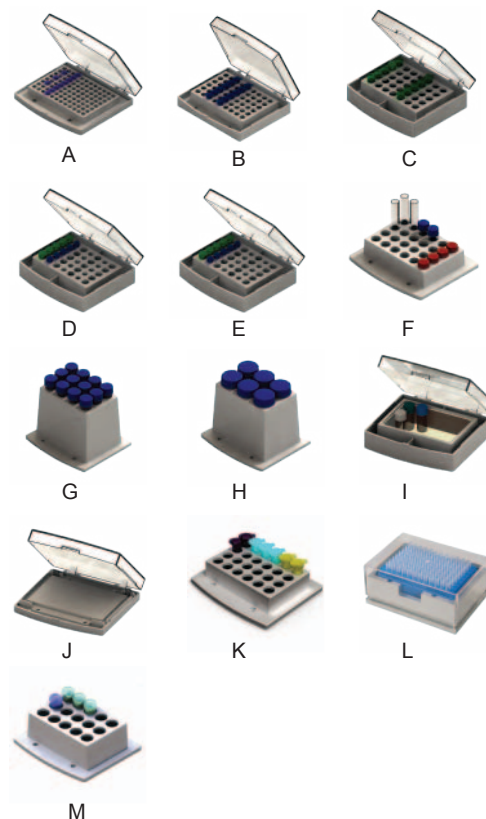
Code	Type	Description
AS-01051-01	A	96x0.2ml
AS-01051-02	B	54x0.5ml
AS-01051-03	C	35x1.5ml
AS-01051-04	D	35x2.0ml
AS-01051-05	E	15x0.5ml+20x1.5ml
AS-01051-06	F	24xDiameter≤Φ12mm tubes
AS-01051-07	G	12x15ml Falcon
AS-01051-08	H	6x50ml Falcon
AS-01051-09	I	103x67x30mm Bath Block
AS-01051-10	J	96x0.2ml Microplate
AS-01051-11	K	24x5ml tubes
AS-01051-12	L	96-Deep well plate
AS-01051-13	M	15x5ml Eppendorf tubes



MK-10



MK-20



# Dry Bath Incubator

## MK2000 Series Dry Bath Incubator

Mk2000 series dry bath incubator are ideal for incubation and activation of cultures, enzyme reactions, immunoassays, melting/boiling points and a wide variety of other laboratory procedures.

MK2000-2E is an innovative design accommodating two blocks with independent digital temperature control. Each block can be set at different temperatures - ideal for multiple users or for applications where samples have to be transferred between two temperatures very quickly.

### ■ Features:

1. Exceptional temperature uniformity and accuracy
2. Wide range of interchangeable aluminium blocks
3. Heat up to 105°C, optional external temperature probe
4. Blocks as accessories for all applications -- tubes, vials and microplates
5. Block extraction tool is supplied, allowing blocks to be removed easily
6. Auto-stop and sound-alert after program completed

### ■ Specification:

Model	MK2000-1	MK2000-2	MK2000-2E
Temperature Control Range	RT+5°C~105°C	-RT+5°C~105°C	RT+5°C~105°C
Timing Range	1min~99h59min	1min~99h59min	1min~99h59min
Temperature Stability @100°C	≤0.5°C	≤0.5°C	≤0.5°C
Uniformity: within the block @37°C	±0.2°C	±0.2°C	±0.2°C
across similar block @37°C	----	±0.3°C	----
Heating Time(25 to 100°C)	≤15min	≤15min	≤15min
Display Accuracy	±0.1°C	±0.1°C	±0.1°C
Block Quantity	1	2	2
Net Weight	2.5kg	4.5kg	4.5kg
Dimension(mm)	250 x 190 x 130	365 x 210 x 150	365 x 210 x 150

Code	Description
AS-01180-00	MK2000-1 AC220V or AC120V, 50/60Hz, 100W
AS-01190-00	MK2000-2 AC220V or AC120V, 50/60Hz, 200W
AS-01120-00	MK2000-2E AC220V or AC120V, 50/60Hz, 200W

### ■ Block for MK2000 Series Dry Bath Incubator

Code	Type	Description	Code	Type	Description
AS-01181-01	BH01	96x0.2ml tubes	AS-01181-15	BH15	40xΦ6mm tubes
AS-01181-02	BH02	45x0.5ml tubes	AS-01181-16	BH16	28xΦ10mm tubes
AS-01181-03	BH03	35x1.5ml tubes	AS-01181-17	BH17	24xΦ12mm tubes
AS-01181-04	BH04	35x2.0ml tubes	AS-01181-18	BH18	24xΦ13mm tubes
AS-01181-05	BH05	15x0.5ml+20x1.5ml	AS-01181-19	BH19	14xΦ15mm tubes
AS-01181-06	BH06	20x1.5ml+15x2.0ml	AS-01181-20	BH20	14xΦ16mm tubes
AS-01181-07	BH07	32x0.2ml+20x0.5ml+9x1.5ml	AS-01181-21	BH21	12Φ19mm tubes
AS-01181-08	BH08	20x5ml tubes	AS-01181-22	BH22	11xΦ20mm tubes
AS-01181-09	BH09	20x10ml tubes	AS-01181-23	BH23	6xΦ26mm tubes
AS-01181-10	BH10	12x15ml tubes	AS-01181-24	BH24	6xΦ28mm tubes
AS-01181-11	BH11	6x50ml tubes	AS-01181-25	BH25	2xΦ40mm tubes
AS-01181-12	BH12	96x0.2ml Elisa plate or 4 slides	AS-01181-26	BH26	2x7-12.5x12.5 Cuvette
AS-01181-13	BH13	Solid block (no holes)	AS-01181-27	PT1000	External temperature probe
AS-01181-14	BH14	384 well PCR Plate	AS-01181-28	T4	Block extraction tool



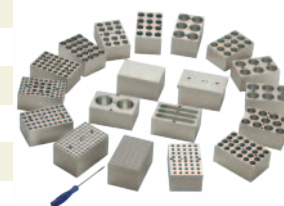
MK2000-1



MK2000-2



MK2000-2E



Block

# Dry Bath Incubator

## MiniT Series Dry Bath Incubator

The MiniT series dry bath incubator combine a microprocessor-controlled, a fast heating micro-tube block. The MiniT series are suitable for a range of uses in life science, molecular biology, environmental and industrial laboratories and a variety of applications including incubation, enzyme reactions, immuno-assays. The small form factor allows these to find a place on even the most crowded laboratory benchtop and easy to move.

### Features:

1. LCD display. It is easy to set up and use
2. Small footprint: MiniT series are a personal sized that fits in the palm of your hand
3. Simultaneous display of set and actual time, temperature
4. Temperature deflection adjusting meet with different demands
5. Beep-signal/Stop after program completed
6. Interchangeable aluminum alloy sample blocks provide versatility and allow easy cleaning and disinfecting
7. With DC12V or DC24V power for total portability

### Specification:

Model	MiniT	MiniT-C	MiniT-100	MiniT-100H
Temperature Control Range	RT+5°C~80°C	0°C~100°C	RT+5°C~100°C	RT+5°C~100°C
Timing Range	0~999min or 0~999sec	0~999min or 0~999sec	0~999min or 0~999sec	0~999min or 0~999sec
Temp. Control Accuracy	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Display Accuracy	±0.1°C	±0.1°C	±0.1°C	±0.1°C
Heating Time(25°C to Max.Temp.)	≤12min	≤20min	≤15min	≤15min
Cooling Time(25°C to 0°C)	----	≤25min (*)	----	----
Temp. Control Accuracy @40°C	±0.3°C	±0.3°C	±0.3°C	±0.3°C
Heating Lid	----	----	----	Lid (*)
Heating Lid Temperature Range	----	----	----	RT+5°C~100°C
Dimension(L x W x H) mm	150 x 110 x 100	162 x 110 x 140	152 x 120 x 112	152 x 120 x 115
Net Weight	0.5kg	1.0kg	0.85kg	0.9kg

\*1. MiniT-100H dry bath incubator only holds one type block (A-MiniT block)



MiniT



MiniT-C

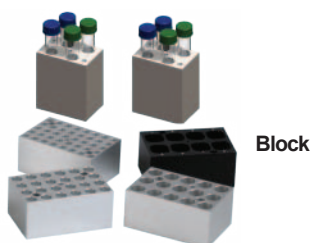


MiniT-100



MiniT-100H

Code	Description
AS-01130-00	MiniT DC12V 40W
AS-01170-00	MiniT-C DC12V 60W
AS-01150-00	MiniT-100 DC24V 40W
AS-01160-00	MiniT-100H DC24V 50W



Block

### Block for MiniT series

Code	Type	Description
AS-01131-01	A-MiniT	40x0.2ml
AS-01131-02	B-MiniT	24x0.5ml
AS-01131-03	C-MiniT	15x1.5ml
AS-01131-04	D-MiniT	15x2.0ml
AS-01131-05	E-MiniT	8--12.5x12.5x32mm
AS-01131-06	F-MiniT	4x15ml
AS-01131-07	G-MiniT	2x50ml
AS-01131-99	Z-MiniT	5--8x0.2ml micro-tubes

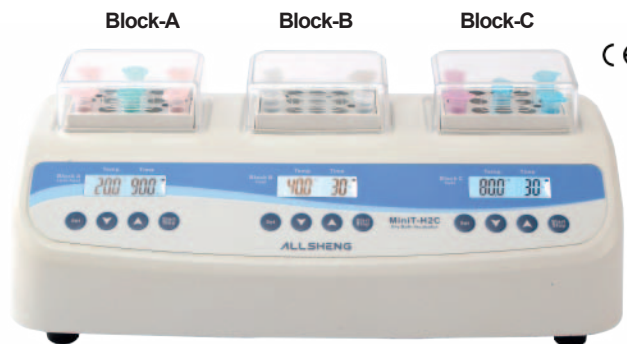
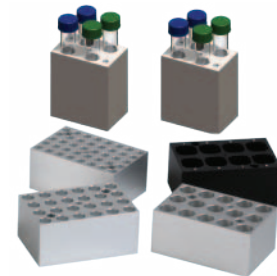
# Dry Bath Incubator

## MiniT-H2C / MiniT-H3 3-in-1 mini dry bath incubator

MiniT-H2C / MiniT-H3 are 3-in-1 mini dry bath incubator. The MiniT-H2C is a heating and cooling incubator and the MiniT-H3 is a heating only incubator with 3 individually controlled mini dry bath. Many aluminum blocks are available covering a range of tube sizes from 0.2ml, 0.5ml, 1.5ml or 2.0ml tubes blocks. These are suitable for labs with heavy work load.

### ■ Features:

1. Working area dimension: 3 individually controlled
2. LCD display. It is easy to setup and use
3. Simultaneously display the set and actual time, temperature
4. MiniT-H3 has a heating function only and its temperature ranges from RT+5~100°C
5. MiniT-H2C has cooling/heating functions
6. Auto-stop and sound-alert after program completed



### ■ Specification:

Model	MiniT-H2C			MiniT-H3		
	Block-A	Block-B	Block-C	Block-A	Block-B	Block-C
Working area	Block-A	Block-B	Block-C	Block-A	Block-B	Block-C
Temperature Control Range	0°C~105°C	RT+5~105°C	RT+5~105°C	RT+5~105°C	RT+5~105°C	RT+5~105°C
Heating Time(25 to 100°C)	≤20min	≤20min	≤20min	≤20min	≤20min	≤20min
Cooling Time(25 to 0°C)	≤25min (*)	----	----	----	----	----
Temperature Control Accuracy	≤ 0.5°C			≤ 0.5°C		
Temp. Control Accuracy @37°C	0.2°C			0.2°C		
Display Accuracy	0.1°C			0.1°C		
Timing Range	0~999min or 0~999sec			0~999min or 0~999sec		
Block Quantity	3			3		
Power	DC12V,120W			DC12V,120W		
Dimension(mm)	360 × 180 × 150			360 × 180 × 150		
Net Weight	3kg			3kg		

\*1. Tested in ambient temperature < 25°C

Code	Description
AS-01230-00	MiniT-H2C AC100~240V, 50/60Hz, 120W
AS-01220-00	MiniT-H3 AC100~240V, 50/60Hz, 120W

Code	Type	Description
AS-01131-03	C-MiniT	15x1.5ml
AS-01131-04	D-MiniT	15x2.0ml
AS-01131-05	E-MiniT	8--12.5x12.5x32mm
AS-01131-06	F-MiniT	4x15ml
AS-01131-07	G-MiniT	2x50ml
AS-01131-99	Z-MiniT	5--8x0.2ml micro-tubes

### ■ Block for MiniT Series

Code	Type	Description
AS-01131-01	A-MiniT	40x0.2ml
AS-01131-02	B-MiniT	24x0.5ml

# Dry Bath Incubator

## MK2000-2HL Dry Bath Incubator

MK2000-2HL dry bath incubator applies the thermal cycle's heating lid technology, Unique dual block design operates via touch screen which is the most advanced and luxury dry block heating product in the world.

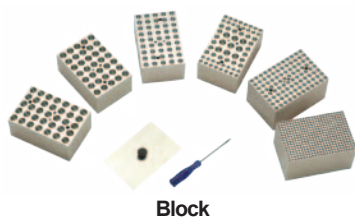
### ■ Features:

1. Touch screen allows for easy to read and easy programming and easy to use
2. Hold a heating lid, 60 user programmable settings
3. Programmable system, program link functions, it can be run some simple PCR tests
4. Block extraction tool is supplied, allowing blocks to be removed easily

### ■ Specification:

<b>Model</b>	<b>MK2000-2HL</b>
Temperature Control Range	RT+5°C~100°C
Timing Range	1min~99h59min
Uniformity: within one block@37°C	±0.2°C
across similar blocks @37°C	±0.3°C
Temp. Control Accuracy	±0.5°C
Display Accuracy	0.1°C
Heating Time(25°C to Max.Temp.)	≤15min
Dimension(L x W x H) mm	420 x 225 x 145
Net Weight	5.5kg

Code	Description
AS-01210-00	MK2000-2HL AC220V or AC120V, 50/60Hz, 200W



## K30 Dry Bath Incubator

### ■ Specification:

<b>Model</b>	<b>K30</b>
Temperature Control Range	RT+5°C~100°C
Timing Range	1min~99h59min
Temperature Control Accuracy	±0.5°C
Heating Time(20°C to Max.Temp.)	≤20min
Dimension(L x W x H) mm	225 x 160 x 197
Net Weight	3kg

Code	Description
AS-01030-00	K30 AC220V or AC120V, 50/60Hz, 100W

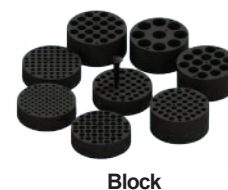
### ■ Block for MiniT series

Code	Type	Description
AS-01031-01	A-30	96x0.2ml
AS-01031-02	B-30	29x0.5ml+32x1.5ml
AS-01031-03	C-30	61x0.5ml
AS-01031-04	D-30	41x1.5ml
AS-01031-05	E-30	41x2.0ml
AS-01031-06	F-30	61xΦ6mm
AS-01031-07	H-30	28xΦ12mm
AS-01031-08	I-30	28xΦ13mm



### ■ Block for MiniT series

Code	Type	Description
AS-01181-01	BH-01	96x0.2ml
AS-01181-02	BH-02	45x0.5ml
AS-01181-03	BH-03	35x1.5ml
AS-01181-04	BH-04	35x2.0ml
AS-01181-05	BH-05	15x0.5ml+20x1.5ml
AS-01181-06	BH-06	20x1.5ml+15x2.0ml
AS-01181-07	BH-07	32x0.2ml+22x0.5ml+9x1.5ml
AS-01181-08	BH-08	20x5.0ml tubes
AS-01181-12	BH-12	96x0.2ml Elisa plate or 4 slides
AS-01181-13	BH-13	Solid block(no holes)
AS-01181-14	BH-14	384 well PCR Plate
AS-01181-28	T4	Block extraction tool
AS-01211-01	L4	Stainless plate



Code	Type	Description
AS-01031-09	J-30	21xΦ15mm
AS-01031-10	K-30	21xΦ16mm
AS-01031-11	L-30	17xΦ18mm
AS-01031-12	M-30	14xΦ20mm
AS-01031-13	N-30	9xΦ25mm
AS-01031-14	O-30	4xΦ32mm

# Dry Bath Incubator

## MK200 Series Dry Bath Incubator

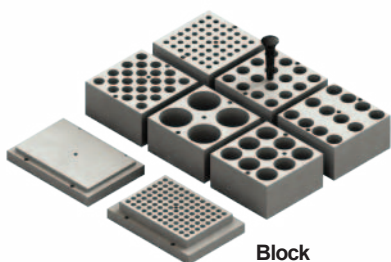
Model	MK200-1	MK200-1A	MK200-2	MK200-4
Temperature Control Range	RT+5°C~150°C	RT+5°C~150°C	RT+5°C~150°C	RT+5°C~150°C
Timing Range	1min~99h59min	1min~99h59min	1min~99h59min	1min~99h59min
Temp. Control Accuracy @40~100°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Temp. Control Accuracy @40°C	±0.3°C	±0.3°C	±0.3°C	±0.3°C
Temp. Control Accuracy @120°C	±1°C	±1°C	±1°C	±1°C
Heating Time(40°C to Max.Temp.)	≤30min	≤30min	≤30min	≤30min
Display Accuracy	0.1°C	0.1°C	0.1°C	0.1°C
Dimension(L x W x H) mm	280 x 240 x 110	280 x 240 x 110	280 x 240 x 110	380 x 240 x 110
Quantity of Blocks	1	1	2	4
Display	LED	LED	LED	LED

Code	Description
AS-01080-00	MK200-1 AC220V or AC120V, 50/60Hz, 200W
AS-01090-00	MK200-1A AC220V or AC120V, 50/60Hz, 200W
AS-01100-00	MK200-2 AC220V or AC120V, 50/60Hz, 400W
AS-01110-00	MK200-4 AC220V or AC120V, 50/60Hz, 600W

### Block for MK200 Series Dry Bath Incubator

Code	Type	Description	Dimensions (mm)
AS-01081-01	BK01	49xΦ6mm	96x96x49
AS-01081-02	BK02	49xΦ7mm	96x96x49
AS-01081-03	BK03	25xΦ10mm	96x96x49
AS-01081-04	BK04	25xΦ12mm	96x96x49
AS-01081-05	BK05	25xΦ13mm	96x96x49
AS-01081-06	BK06	12xΦ15mm	96x96x49
AS-01081-07	BK07	16xΦ15mm	96x96x49
AS-01081-08	BK08	12xΦ16mm	96x96x49
AS-01081-09	BK09	16xΦ16mm	96x96x49
AS-01081-10	BK10	12xΦ19mm	96x96x49
AS-01081-11	BK11	16xΦ19mm	96x96x49
AS-01081-12	BK12	9xΦ20mm	96x96x49
AS-01081-13	BK13	9xΦ26mm	96x96x49
AS-01081-14	BK14	4xΦ28mm	96x96x49
AS-01081-15	BK15	4xΦ40mm	96x96x49
AS-01081-16	BK16	49x0.5ml tubes	96x96x49
AS-01081-17	BK17	25x1.5ml tubes	96x96x49
AS-01081-18	BK18	25x2.0ml tubes	96x96x49
AS-01091-01	BK19	96x0.2ml tubes	78x114x26
AS-01091-02	BK20	96x0.2ml microplate	81x123x19

REMARK: MK200-1A can only hold BK19 or BK20 !



Block



MK200-1



MK200-1A



MK200-2



MK200-4