

01 IB-10HL/IB-20HL Dry Bath Incubator

Features

1. Quick and easy-to-exchange Blocks
2. Special-designed blocks improves temperature homogeneity
3. Heating lid function available for turn on / off
4. Individual sensor-controlled blocks allow for block-specific calibration
5. Wifi-function is available with the APP software
6. IB-20HL hold a software with a strong functions (Thermal cycler's software function)
 - Set and display temperature, time and lid temperature
 - Set 9 programs and 99 cycles
 - Link programs function



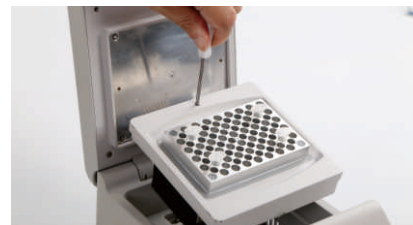
IB-10HL



IB-20HL

Can be set and operation PCR program

Easy to exchange blocks



Specification

| | | |
|-----------------------------|-----------------------------|--|
| Model | IB-10HL | IB-20HL |
| Temperature control range | RT.+5°C~105°C | -5°C~105°C (If Ambient Temperature≤20°C) 0°C~105°C (If Ambient Temperature≤25°C) 4°C~105°C (If Ambient Temperature≤30°C) |
| Lid's temperature range | RT.+5°C~110°C | RT.+5°C~110°C |
| Timer range | 0~99h59min / 0~99min59sec | 0~99h59min/0~99min59sec |
| Temp. accuracy for blocks | ±0.5°C | ±0.5°C |
| Temp. accuracy for lid | ±1°C | ±1°C |
| Uniformity within the block | ±0.5°C | ±0.5°C |
| Display accuracy | 0.1°C | 0.1°C |
| Heating time | ≤15min (from 40°C to 100°C) | Heating speed: (37°C-100°C)≥6°C/min |
| Cooling time | — | Cooling speed: (100°C-37°C)≥6°C/min |
| Dimensions (W x D x H)mm | 267 × 166 × 167mm | 313 × 168 × 196mm |
| Weight | 2.3kg | 3.0kg |

Code

| Code | Description |
|-------------|------------------------------------|
| AS-01270-00 | IB-10HL, AC100~240V, 50/60Hz, 120W |
| AS-01280-00 | IB-20HL, AC100~240V, 50/60Hz, 120W |

Accessories

IB-10HL

| Code | Block | Description |
|-------------|--------|-------------------------|
| AS-01271-01 | IB10-A | 96×0.2ml PCR tubes |
| AS-01271-02 | IB10-B | 54×0.5ml tubes |
| AS-01271-03 | IB10-C | 35×1.5ml tubes |
| AS-01271-04 | IB10-D | 35×2.0ml tubes |
| AS-01271-05 | IB10-E | 15×0.5ml+20×1.5ml tubes |
| AS-01181-28 | T4 | Block extraction tool |

IB-20HL

| Code | Block | Description |
|-------------|--------|-------------------------|
| AS-01281-01 | IB20-A | 96×0.2ml PCR tubes |
| AS-01281-02 | IB20-B | 54×0.5ml tubes |
| AS-01281-03 | IB20-C | 35×1.5ml tubes |
| AS-01281-04 | IB20-D | 35×2.0ml tubes |
| AS-01281-05 | IB20-E | 15×0.5ml+20×1.5ml tubes |
| AS-01181-28 | T4 | Block extraction tool |



02 MiniT Series Mini-Dry Bath Incubator

Features

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



MiniT



MiniT-C



MiniT-100



MiniT-100H

Specification

| Model | MiniT | MiniT-C | MiniT-100 | MiniT-100H |
|-----------------------------|----------------------|----------------------|----------------------|----------------------|
| Temperature control range | RT.+5-80°C | 0°C-100°C | RT.+5°C-100°C | RT.+5°C-100°C |
| Timer range | 1-999min or 1-999sec | 1-999min or 1-999sec | 1-999min or 1-999sec | 1-999min or 1-999sec |
| 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.) | ≤12min | ≤20min | ≤15min | ≤15min |
| Cooling time (25°C to 0°C) | — | ≤25min | — | — |
| Temp. control accuracy | ±0.3°C | ±0.3°C | ±0.3°C | ±0.3°C |
| Heating Lid | — | — | — | Heating Lid |
| Lid's temperature range | — | — | — | RT.+5°C-100°C |
| Dimensions (W x D x H)mm | 150 x 110 x 100 mm | 162 x 110 x 140 mm | 152 x 120 x 112 mm | 152 x 120 x 112 mm |
| Weight | 0.5kg | 1.0kg | 0.8kg | 0.9kg |
| Power supply | DC 12V | DC 12V | DC 24V | DC 24V |

03 MiniT-H2C/MiniT-H3 Mini-Dry Bath Incubator

Features

1. Working area dimension: 3 individual controller
2. LCD display. It is easy to set and use
3. Simultaneously display the set and actual time, temperature, Auto-stop and sound-alert after program completed
4. Temperature deflection adjusting meet different demands
5. MiniT-H3 has a heating function only and its temperature ranges from RT.+5~100°C
6. MiniT-H2C has cooling/heating function and its temperature ranges from 0°C~99.9°C



MiniT-H2C/MiniT-H3

Specification

| Model | MiniT-H3 | | | MiniT-H2C | | |
|-------------------------------|-----------------------------------|--------------|--------------|--------------------------------|--------------|--------------|
| | 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 | RT.+5~99.9°C | RT.+5~99.9°C | RT.+5~99.9°C | 0~99.9°C | RT.+5~99.9°C | RT.+5~99.9°C |
| Heating time (25°C to 99.9°C) | ≤20min | ≤20min | ≤20min | ≤20min | ≤20min | ≤20min |
| Cooling time (25°C to 99.9°C) | -- | -- | -- | ≤25min (*) | -- | -- |
| Temp. control accuracy | ≤0.5°C | | | ≤0.5°C | | |
| Temp. stability @37°C | 0.2°C | | | 0.2°C | | |
| Display accuracy | 0.1°C | | | 0.1°C | | |
| Timer range | 1~ 999h or 1~ 999min or 1~ 999sec | | | 1~999h or 1~999min or 1~999sec | | |
| Block quantity | 3 | | | 3 | | |
| Power supply | DC12V,120W | | | DC12V,120W | | |
| Dimensions (mm) | 360×180×150 | | | 360×180×150 | | |
| Weight | 3kg | | | 3kg | | |

*1. Tested in ambient temperature <25°C

Ordering information

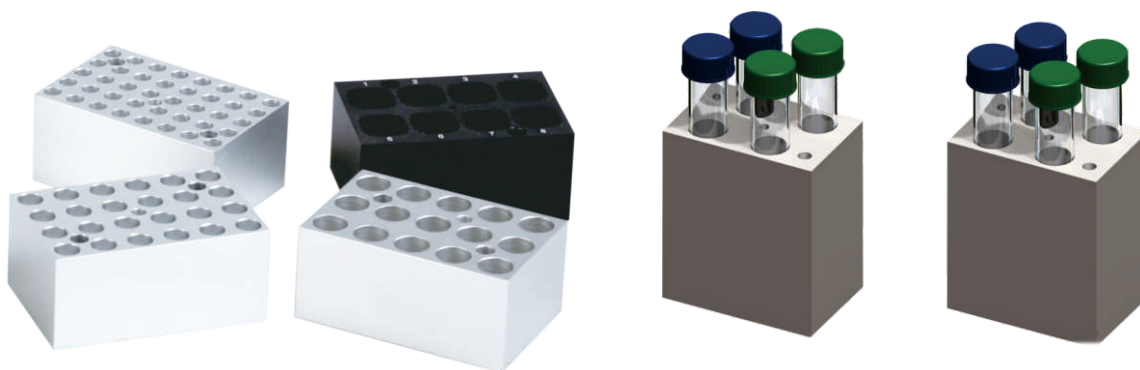
| No. | Code | Description |
|-----|-------------|--------------------------------------|
| 01 | AS-01130-00 | MiniT mini dry bath, DC12V, 40w |
| 02 | AS-01170-00 | MiniT-C mini dry bath, DC12V, 60w |
| 03 | AS-01150-00 | MiniT-100 mini dry bath, DC24V, 40w |
| 04 | AS-01160-00 | MiniT-100H mini dry bath, DC24V, 50w |
| 05 | AS-01220-00 | MiniT-H3 3-in-1 mini dry bath |
| 06 | AS-01230-00 | MiniT-H2C 3-in-1 mini dry bath |

Accessories

| No. | Code | Type | Description |
|-----|-------------|--------|--|
| 01 | AS-01131-01 | A-MinT | 40×0.2ml tubes |
| 02 | AS-01131-02 | B-MinT | 24×0.5ml tubes |
| 03 | AS-01131-03 | C-MinT | 15×1.5ml tubes |
| 04 | AS-01131-04 | D-MinT | 15×2.0ml tubes |
| 05 | AS-01131-05 | E-MinT | 8×12.5×12.5ml cuvette block |
| 06 | AS-01131-06 | F-MinT | 4×15ml tubes |
| 07 | AS-01131-07 | G-MinT | 2×50ml tubes |
| 08 | AS-01131-99 | | Can be customized according to customer demand |

Note: MiniT-100H can just use A-MiniT block and can not exchange!

MiniT series and MiniT-H2C/MiniT-H3 blocks



04^{K30} Dry Bath Incubator



Specification

| | |
|------------------------------|---------------|
| Model | K30 |
| Temperature control range | RT.+5°C-100°C |
| Timer range | 1min~99h59min |
| Temp. control accuracy | ±0.5°C |
| Heating time (20°C to 100°C) | ≤15min |
| Certificate | CE |
| Dimensions (L×W×H)mm | 225×160×197 |
| Weight | 3kg |

Blocks for K3



Ordering information

| No. | Code | Description |
|-----|-------------|-----------------------------------|
| 01 | AS-01030-00 | K30, AC220V/AC120V, 50/60Hz, 100W |

Accessories

| No. | Code | Type | Description |
|-----|-------------|------|-------------------------|
| 01 | AS-01031-01 | A-30 | 96×0.2ml tubes |
| 02 | AS-01031-02 | B-30 | 29×0.5ml+32×1.5ml tubes |
| 03 | AS-01031-03 | C-30 | 61×0.5ml tubes |
| 04 | AS-01031-04 | D-30 | 41×1.5ml tubes |
| 05 | AS-01031-05 | E-30 | 41×2.0ml tubes |
| 06 | AS-01031-06 | F-30 | 61×Φ6mm tubes |
| 07 | AS-01031-07 | H-30 | 28×Φ12mm tubes |
| 08 | AS-01031-08 | I-30 | 28×Φ13mm tubes |
| 09 | AS-01031-09 | J-30 | 21×Φ15mm tubes |
| 10 | AS-01031-10 | K-30 | 21×Φ16mm tubes |
| 11 | AS-01031-11 | L-30 | 17×Φ18mm tubes |
| 12 | AS-01031-12 | M-30 | 14×Φ20mm tubes |
| 13 | AS-01031-13 | N-30 | 9×Φ25mm tubes |
| 14 | AS-01031-14 | O-30 | 4×Φ32mm tubes |

05 MK-10/MK-20 Dry Bath Incubator

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 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



MK-10



MK-20



Blocks for MK-10/MK-20

Specification

| | | |
|------------------------------|-------------------|---|
| Model | MK-10 | MK-20 |
| Temperature control range | RT.+5°C-100°C | -10°C-100°C |
| Timer range | 1min - 99h59min | 1min - 99h59min |
| Tem. stability @100°C | ±0.5°C | ±0.5°C |
| Display accuracy | ±0.1°C | ±0.1°C |
| Heating time (25°C to 100°C) | ≤12min | ≤15min |
| Cooling time (20°C to -10°C) | -- | ≤15min (20°C to -5°C) if the room temperature is lower than 30°C) ≤15min (20°C to -10°C) if the room temperature is lower than 25°C) |
| Certificate | CE | CE |
| Dimensions (L×W×H)mm | 300 × 220 × 180mm | 300 × 220 × 180mm |
| Weight | 2.5kg | 5kg |

Ordering information

| No. | Code | Description |
|-----|-------------|---|
| 01 | AS-01040-00 | MK-10 (Heating), AC220V/120V, 50/60Hz, 150W |
| 02 | AS-01050-00 | MK-20 (Heating/Cooling), AC220V/120V, 50/60Hz, 200W |

Accessories

| No. | Code | Type | Description | The highest Temperature | The lowest Temperature |
|-----|-------------|------|------------------------------|-------------------------|------------------------|
| 01 | AS-01051-01 | A | 96 x 0.2ml tubes | 100°C | -10°C |
| 02 | AS-01051-02 | B | 54 x 0.5ml tubes | 100°C | -10°C |
| 03 | AS-01051-03 | C | 35 x 1.5ml tubes | 100°C | -10°C |
| 04 | AS-01051-04 | D | 35 x 2.0ml tubes | 100°C | -10°C |
| 05 | AS-01051-05 | E | 15 x 0.5ml+20 x 1.5ml tubes | 100°C | -10°C |
| 06 | AS-01051-06 | F | 24 x diameter ≤ Φ12mm tubes | 100°C | 0°C |
| 07 | AS-01051-07 | G | 12 x 15ml Falcon | 100°C | 0°C |
| 08 | AS-01051-08 | H | 6 x 50ml Falcon | 100°C | 0°C |
| 09 | AS-01051-09 | I | 103 x 67 x 30ml Bath Block | 100°C | 0°C |
| 10 | AS-01051-10 | J | 96 x 0.2ml Microplate | 100°C | 0°C |
| 11 | AS-01051-11 | K | 24 x 5ml tubes | 100°C | 0°C |
| 12 | AS-01051-12 | L | 96-Deep well plate | 80°C | 8°C |
| 13 | AS-01051-13 | M | 15 x 5ml Eppendorf tubes | 100°C | 0°C |
| 14 | AS-01051-14 | N | 24 x 2ml tubes (Deep-hole) | 100°C | 0°C |
| 15 | AS-01051-15 | O | 24 x 1.5ml tubes (Deep-hole) | 100°C | 0°C |
| 16 | AS-01051-16 | P | Deepwell plates 96/1000μL | 100°C | 0°C |
| 17 | AS-01051-17 | Q | MTPs and Deepwell-Platten | 100°C | 0°C |

06 MK200 Series High Temperature Dry Bath Incubator

Features

MK200 series high temperature dry bath incubator, the highest temperature of MK200-1 and MK200-2 can reach 150°C. The highest temperature of MK200-4 can reach 120°C



MK200-1



MK200-1A



Blocks for MK200 Series



MK200-2



MK200-4

Ordering information

| No. | Code | Description |
|-----|-------------|--|
| 01 | AS-01080-00 | MK200-1, AC220V/AC120V, 50/60Hz, 200W |
| 02 | AS-01090-00 | MK200-1A, AC220V/AC120V, 50/60Hz, 200W |
| 03 | AS-01100-00 | MK200-2, AC220V/AC120V, 50/60Hz, 400W |
| 04 | AS-01110-00 | MK200-4, AC220V/AC120V, 50/60Hz, 600W |

Specification

| | | | | |
|-------------------------------|-------------------|-------------------|-------------------|-------------------|
| 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-120°C |
| Timer range | 1min-99h59min | 1min-99h59min | 1min-99h59min | 1min-99h59min |
| Tem. stability @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 150°C) | ≤30min | ≤30min | ≤30min | ≤30min |
| Display accuracy | 0.1°C | 0.1°C | 0.1°C | 0.1°C |
| Dimensions (L×W×H)mm | 280 × 240 × 110mm | 280 × 240 × 110mm | 280 × 240 × 110mm | 380 × 240 × 110mm |
| Block quantity | 1 | 1 | 2 | 4 |
| Display screen | LED | LED | LED | LED |

Accessories

| No. | Code | Type | Description | Dimensions (mm) |
|-----|-------------|------|----------------------|-----------------|
| 01 | AS-01081-01 | BK01 | 49×Φ6mm | 96×96×49mm |
| 02 | AS-01081-02 | BK02 | 49×Φ7mm | 96×96×49mm |
| 03 | AS-01081-03 | BK03 | 25×Φ10mm | 96×96×49mm |
| 04 | AS-01081-04 | BK04 | 25×Φ12mm | 96×96×49mm |
| 05 | AS-01081-05 | BK05 | 25×Φ13mm | 96×96×49mm |
| 06 | AS-01081-06 | BK06 | 12×Φ15mm | 96×96×49mm |
| 07 | AS-01081-07 | BK07 | 16×Φ15mm | 96×96×49mm |
| 08 | AS-01081-08 | BK08 | 12×Φ16mm | 96×96×49mm |
| 09 | AS-01081-09 | BK09 | 16×Φ16mm | 96×96×49mm |
| 10 | AS-01081-10 | BK10 | 12×Φ19mm | 96×96×49mm |
| 11 | AS-01081-11 | BK11 | 16×Φ19mm | 96×96×49mm |
| 12 | AS-01081-12 | BK12 | 9×Φ20mm | 96×96×49mm |
| 13 | AS-01081-13 | BK13 | 9×Φ26mm | 96×96×49mm |
| 14 | AS-01081-14 | BK14 | 4×Φ28mm | 96×96×49mm |
| 15 | AS-01081-15 | BK15 | 4×Φ40mm | 96×96×49mm |
| 16 | AS-01081-16 | BK16 | 49×0.5ml tubes | 96×96×49mm |
| 17 | AS-01081-17 | BK17 | 25×1.5ml tubes | 96×96×49mm |
| 18 | AS-01081-18 | BK18 | 25×2.0ml tubes | 96×96×49mm |
| 19 | AS-01091-01 | BK19 | 96×0.2ml tubes | 78×114×26mm |
| 20 | AS-01091-02 | BK20 | 96×0.2ml ELISA plate | 81×123×19mm |

BK19 and BK20 can only be used in MK200-1A

07 MK2000 Series Dry Bath Incubator

Description

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

Features

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

Special features of MK2000-2HL

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 runned some simple PCR tests



MK2000-1



MK2000-2



Blocks for MK2000 Series



MK2000-2E
Each block can be set
at different temperatures



MK2000-2HL
Can run some
simple PCR tests

Specification

| Model | MK2000-1 | MK2000-2 | MK2000-2E | MK2000-2HL |
|------------------------------------|-----------------|--------------------|-------------------|--------------------|
| Temperature control range | RT.+5°C-105°C | RT.+5°C-105°C | RT.+5°C-105°C | RT.+5°C-100°C |
| Timer range | 1min - 99h59min | 1min - 99h59min | 1min - 99h59min | 1min - 99h59min |
| Temp. stability @100°C | ≤0.5°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 | ±0.2°C |
| Across similar block @37°C | ---- | ±0.3°C | ---- | ±0.3°C |
| Heating time (25°C to 100°C) | ≤20min | ≤20min | ≤20min | ≤20min |
| Display accuracy | 0.1°C | 0.1°C | 0.1°C | 0.1°C |
| Block quantity | 1 | 2 | 2 (Independent) | 2 |
| Dimensions (L×W×H)mm | 250×190×130mm | 365 × 210 × 150 mm | 365 × 210 × 150mm | 420 × 225 × 145 mm |
| Weight | 2.5kg | 4.5kg | 4.5kg | 5.5kg |

Ordering information

| No. | Code | Description |
|-----|-------------|--|
| 01 | AS-01180-00 | MK2000-1, AC220V/AC120V, 50/60Hz, 100W |
| 02 | AS-01190-00 | MK2000-2, AC220V/AC120V, 50/60Hz, 200W |
| 03 | AS-01120-00 | MK2000-2E, AC220V/AC120V, 50/60Hz, 200W |
| 04 | AS-01210-00 | MK2000-2HL (Heating lid), AC220V/AC120V, 50/60Hz, 200W |

Accessories

| Code | Type | Description | Code | Type | Description |
|-------------|------|------------------------------------|-------------|--------|----------------------------|
| AS-01181-01 | BH01 | 96 x 0.2ml PCR tubes | AS-01181-15 | BH15 | 40 x Φ6mm tubes |
| AS-01181-02 | BH02 | 45 x 0.5ml tubes | AS-01181-16 | BH16 | 28 x Φ10mm tubes |
| AS-01181-03 | BH03 | 35 x 1.5ml tubes | AS-01181-17 | BH17 | 24 x Φ12mm tubes |
| AS-01181-04 | BH04 | 35 x 2.0ml tubes | AS-01181-18 | BH18 | 24 x Φ13mm tubes |
| AS-01181-05 | BH05 | 15 x 0.5ml+20 x 1.5ml tubes | AS-01181-19 | BH19 | 14 x Φ15mm tubes |
| AS-01181-06 | BH06 | 20 x 1.5+15 x 2.0ml tubes | AS-01181-20 | BH20 | 14 x Φ16mm tubes |
| AS-01181-07 | BH07 | 32 x 0.2+22 x 0.5+9 x 1.5ml tubes | AS-01181-21 | BH21 | 12 x Φ19mm tubes |
| AS-01181-08 | BH08 | 20 x 5ml tubes | AS-01181-22 | BH22 | 11 x Φ20mm tubes |
| AS-01181-09 | BH09 | 20 x 10ml tubes | AS-01181-23 | BH23 | 6 x Φ26mm tubes |
| AS-01181-10 | BH10 | 12 x 15ml tubes | AS-01181-24 | BH24 | 6 x Φ28mm tubes |
| AS-01181-11 | BH11 | 6 x 50ml tubes | AS-01181-25 | BH25 | 2 x Φ40mm tubes |
| AS-01181-12 | BH12 | 96 x 0.2ml Elisa plate or 4 slides | AS-01181-26 | BH26 | 2 x 7-12.5 x 12.5 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 |
| AS-01181-15 | | | AS-01211-01 | L4 | Stainless plate |

MK2000-2HL can just use the BH01~ BH07 blocks, L4 is special for MK2000-2HL