

HB120-S

Dry bath

Features

- A wide range of temperature control up to 120°C
- Timer control up to 99+ hours
- Various types of optional blocks are available
- Overheating protection
- Lid for protection and heat preservation

Specifications

Functions	HB120-S
Temperature range	Heating Room temp.-120°C
Temperature setting range	15°C~120°C
Temperature control accuracy [at 37°C]	± 0.5°C
Temperature uniformity	± 0.5°C
Max. heating rate	5.5°C/min
Overheating protection	140°C
Timer	0min-99h59min
Display	LED
Adapter block material	aluminum
Voltage, Frequency	100-120V/220-240V,50Hz/60Hz
Power	160W
Dimension[WxDxH]	175 x 290 x 85mm
Weight	3kg



Cat.No.

Standard:18900218
Thin:18900274

Standard:
18900219
Thin:18900275

Standard:
18900253(1.5mL)
18900220(2mL)
Thin:
18900276(1.5mL)
18900277(2mL)

Standard:18900221

Standard:18900546

Standard:18900222

Standard:18900224
Thin:18900278

Standard:18900223
Thin:18900279

Thin:18900504

18900523

Block types

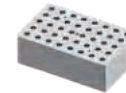
Capacity

Diameter Depth



0.2mLx54

6.4mm
15mm



0.5mLx40

8.2mm
26.4mm



1.5mLx40
2mLx40

11mm
34.7mm



5/15mLx28

17mm
48mm



5mL blood collection
tube x 45

13.5mm
48mm



50mLx8

29.8mm
48mm



0.2mL+0.5mL+1.5/2mL
18+18+18

-



96 or 384 well plate

-



8 PCR strips and
96 PCR microplate

-



Two-in-one block, bead
bath/water bath

-



Adapter block selection



Overheating protection



Timer



LED display



Dry Bath

HB60-S Dry bath

Features

- Excellent temperature control accuracy and uniformity to protect samples and ensure precision result of tests
- Timer function and continuous function are available to meet different applications
- Fast heating rate to improve the efficient workflow
- Especially suitable for sample preparation of semiautomatic biochemistry analyzer
- 5ml and 10ml mixed heating block
- Overheating protection



Overheating protection



Timer



LED display

Specifications

	HB60-S
Heating temperature range	5 gears: 25°C, 30°C, 37°C, 45°C, 60°C
Temperature accuracy	± 0.5°C
Temperature uniformity	± 0.3°C
Max. heating rate	5.5°C /min
Safety temperature	80 °C
Time setting range	0min -99h59min
Operation type	Continuous/ timer operation
Capacity	5ml×30+10ml×8pcs
Display	LED
Voltage [VAC]	200~240
Frequency [Hz]	50/60
Power [W]	160
Dimensions[W×D×H]	175×290×85mm
Weight[kg]	2.5

Block types



Capacity

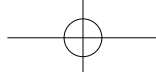
5/10mLx38

Diameter
Depth

Φ13m/15.25mm
33mm



Dry Bath



HB105-S1/HB105-S2 HB150-S1/HB150-S2 Dry bath

Features

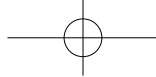
- A wide range of temperature control up to 105°C/150°C.
- Overheating protection.
- Sound reminder function.
- External temperature sensor PT1000
- Block equipped with a lid for heat preservation and prevent pollution.
- Knob adjustment is easy to operate.

Cat.No.	Block types	Capacity	Diameter Depth
18900459		0.2mLx30	6.4x15mm
18900410		0.5mLx20	8.2x26.4mm
18900461		1.5mLx20	11x34.7mm
18900462		2mLx20	11x34.7mm
18900412		5/15mLx12	17x48mm
18900413		50mLx4	29.8x48mm
18900522		Two-in-one block, bead bath/water bath Adapt to S1	
18900523		Two-in-one block, bead bath/water bath Adapt to S2	
18900520	Aluminum beads		

Dry Bath



Specifications	HB105-S1	HB105-S2	HB150-S1	HB150-S2
Temperature range[°C]	Room temp+5~105	Room temp+5~105	Room temp+5~150	Room temp+5~150
Temperature setting range [°C]	25~105	25~105	25~150	25~150
Temperature control accuracy[°C]	25-90: ±0.3 90-105: ±0.6	25-90: ±0.3 90-105: ±0.6	25-90: ±0.3 90-150: ±0.6	25-90: ±0.3 90-150: ±0.6
Temperature uniformity@37°C [°C]	±0.2	±0.2	±0.2	±0.2
Power [w]	100	200	100	200
Time setting range	0~99h59min	0~99h59min	0~99h59min	0~99h59min
External sensor	Yes	Yes	Yes	Yes
Display	LED	LED	LED	LED
Power supply	110/220V, 50/60Hz	110/220V, 50/60Hz	110/220V, 50/60Hz	110/220V, 50/60Hz
External dimension[mm]	290x210x120	290x210x120	290x210x120	290x210x120
Weight[kg]	3.2	3.2	3.2	3.2
Operating temperature[°C]	+10~40	+10~40	+10~40	+10~40
Operating humidity [% RH]	<80	<80	<80	<80



Mini Dry bath is portable, compact and convenient. It is useful for rapid and uniform heating of biological samples, in applications like preservation and denaturation of nucleic acids and proteins, etc.

Mini HCL100
Mini HC100
Mini H100
Dry Bath

Features

- Light in weight
- LCD display of both temperature and time.
- Rapid calibration support
- Overheating protection
- Optional blocks with different capacities are available
- Safe and stable
- USB interface to save the data
- Mini HCL100 with hot lid provided to preserve the generated heat

Cat.NO.	Block types	Capacity	Diameter x depth
18900414		0.2mlx40	6.4x20 mm
18900415		0.5mlx24	8.2x28.4mm
18900416		1.5mLx15	11.2x31mm
18900428		2mlx15	11x31mm
18900417		5mLx6	17x31mm
18900426		15mlx4	16.4x45mm
18900427		50mlx2	29x45mm

Specifications

	Mini HCL100	Mini HC100	Mini H100
Temperature setting range[°C]	0-100	0-100	25-100
Temperature range [°C]	Room temperature-23~100	Room temperature-23~100	Room temperature+5~100
Temperature control accuracy[°C]	±0.5	±0.5	±0.5
Temperature display accuracy[°C]	0.1	0.1	0.1
Minimum time taken for heating(25°C-100°C)	≤20min	≤20min	≤20min
Minimum time for cooling (20°C-0°C)	≤25min	≤25min	/
Max. Heating Rate	8°C /min	8°C /min	6.5°C /min
Max. Cooling Rate	3°C /min	3°C /min	/
Time setting range	0-999min/0-999sec	0-999min/0-999sec	0-999min/0-999sec
Display	LCD	LCD	LCD
No. of programs in memory	9(2steps for each)	9 (2steps for each)	9(2steps for each)
Rapid calibration	Support	Support	Support
USB interface	Support	Support	Support
Error code reminder	Support	Support	Support
External dimension [mm]	110x162x140	110x162x140	110x162x140
Overall weight [kg]	≤1	≤1	≤1
Power supply	DC12V,100-240V, 50/60Hz	DC12V,100-240V, 50/60Hz	DC12V,100-240V, 50/60Hz
Power[w]	60	60	60
Operating temperature[°C]	+10-40	+10-40	+10-40
Operating humidity [% RH]	≤80	≤80	≤80

Dry Bath