

TECHNICAL DATA SHEET

ALab™ HB120-S/HB120-SC/HB60-S Dry Bath Series

Digital Dry Baths • 3 models • up to 120°C / five levels 25–60°C • LED display



ALab™ HB120-S/HB120-SC/HB60-S Dry Bath Series

The ALab™ HB120-S/SC dry bath (photo of the HB120-S/SC; the page covers three models). Image shown for reference.

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SECTION I

Product Overview

The ALab™ HB120-S, HB120-SC and HB60-S are low profile, space saving dry baths with digital control and display of time and temperature, a timer and overheating protection.

HB120-S/SC: room temp+5 to 120°C, $\pm 0.5^\circ\text{C}$ uniformity at 37°C, 170 W (HB120-SC with user temperature calibration). HB60-S: 5 gears (25, 30, 37, 45, 60°C), $\pm 0.3^\circ\text{C}$ uniformity at 37°C, 160 W, 5mL×30+10mL×8 dual purpose heating block. LED display, time setting range 0min-99h59min.

SECTION II

Core Advantages

- **Models** — HB120-S / SC, HB60-S
- **Uniformity** — ± 0.5 / $\pm 0.3^\circ\text{C}$ @ 37°C
- **Profile** — low, space saving
- **Range** — up to 120°C / 5 levels
- **Display** — LED, timer
- **Blocks** — 13 listed items

SECTION III

Specifications

Technical data — HB120-S / SC • HB60-S

Specifications	
Brand	ALab™ by ACS Material
Model	HB120-S, HB120-SC, HB60-S
SKU #	ALHB2000
Temperature control accuracy [°C]	± 0.5
Time setting range	0min-99h59min
External sensor	—
Display	LED
Voltage, frequency	110/220V, 50/60HZ
External dimension [W×D×H]	175×290×85
Operating temperature [°C]	10–40
Operating humidity [% RH]	<80

Specifications by model — HB120-S / SC • HB60-S

Specifications by model		
Parameter	HB120-S / SC	HB60-S
Temperature range [°C]	Room temp+5 to 120	Room temp+5 to 60
Temperature setting range [°C]	15–120	5 gears: 25, 30, 37, 45, 60
Temperature control accuracy [°C]	± 0.5	± 0.5
Temperature uniformity @ 37°C [°C]	± 0.5	± 0.3
Power [W]	170	160
Time setting range	0min-99h59min	0min-99h59min
External sensor	—	—
Display	LED	LED
Voltage, frequency	110/220V, 50/60HZ	110/220V, 50/60HZ
External dimension [W×D×H]	175×290×85	175×290×85
Weight [kg]	3	2.5
Operating temperature [°C]	10–40	10–40
Operating humidity [% RH]	<80	<80

Heating blocks — HB120-S / HB120-SC

Heating blocks for HB120-S/HB120-SC (Standard: 151×95×50mm, Thin: 151×95×36.5mm)			
Capacity	Standard	Thin	Diameter×depth
54×0.2mL	18900218	18900274	6.4×15mm
40×0.5mL	18900219	18900275	8.2×26.4mm
40×1.5mL	18900253	18900276	11×34.7mm
40×2mL	18900220	18900277	11×34.7mm
60×2mL Ampoules	18900818	18900877	12×37mm
28×5/15mL	18900221	—	17×48mm
8×50mL	18900222	—	29.8×48mm
18+18+18 (0.2mL+0.5mL+1.5/2mL)	18900224	18900278	Each capacity
microplate	18900223	18900279	127×85mm
45×5mL blood collection tubes	18900546	—	13.5×48mm
12×0.2mL PCR 8-tube strip or 0.2mL 96 PCR Microplate	—	18900504	5.7×13.2mm

Heating blocks — Other items printed under the HB120-S/HB120-SC heading

Other items printed under the HB120-S/HB120-SC heading	
Capacity	Cat. No.
Two-in-one block, bead bath/water bath — Adapt to S2	18900523
Aluminum beads	18900520

SECTION IV

Applications

Dry baths for heating samples in the laboratory with accurate, uniform temperature control; heating block capacities and catalogue numbers are listed for the HB120-S/HB120-SC.

Product value: low profile, space saving dry baths with digital control and display of time and temperature, overheating protection, a lid for heat preservation and a wide range of heating blocks (HB120-S/SC). Select the model before ordering.

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