

Operations Manual

Item: BSH200-HL

V1.0

myBLOCK™ HL
With Heated Lid



Benchmark Scientific

Introduction:

Thank you for purchasing the MyBlock™ HL Mini DryBath with heated lid. Please read this manual thoroughly prior to operating the instrument.

The MyBlock HL is the first and only mini heat block featuring a heated lid for protecting samples against unwanted condensation and evaporation. The block and lid temperature can be controlled independently, making this MyBlock the

ideal choice for the most temperature sensitive applications, including immunoassays, Lamp assays, enzyme reactions and other temperature hyper-sensitive procedures.

Installation:

Place the MyBlock HL on a flat and level surface nearby an electrical outlet. It should not be near a heat source or in direct sunlight.

Operation:

- Attach the power cord and place the power switch into the on “-” position.
- Lift the lid of the block and install the appropriate block (purchased separately).
- Press the “SET” key and select the desired block temperature using the up and down arrows.
- Press the “SET” key again and select the desired lid temperature using the up and down arrows.
- The instrument will now quickly heat to the desired temperature. The right side of the display will read “NOT OK” until the desired temperature has been reached in both, the block and lid. The display will then read “OK”
- Once the unit is up to temperature, load your samples into the block and lower the lid.



CAUTION: Hot surfaces, especially on the block, can cause serious injury or burns.

CAUTION: Do not put water or liquids into the well as shock, serious injury and death may occur.

CAUTION: Do not heat flammable or explosive substances as serious injury and death may occur.

Specifications:

Temp. Range:	Ambient +5 to 100°C
Temp. Accuracy:	+/- 0.5°C
Temp. Increments:	0.1°C
Temp. Uniformity:	+/- 0.2°C
Block Construction:	High Grade Aluminum
Environment:	4°C to 35°C
Dimensions:	4.4 x 5.9 x 4 in. 11.2 x 15 x 10 cm
Weight:	3 lbs / 1.5kg
Electrical:	120V to 240V, 50-60 Hz

Cleaning and Maintenance:

The aluminum blocks can be removed for cleaning by using the included block lifter. Once removed, the blocks can be cleaned with isopropyl alcohol or can be sterilized in an autoclave at 121°C for 20 minutes.

The instrument can be cleaned with a damp cloth or isopropyl alcohol.

Service and Contact:

In the event that service or technical support is required, please contact Benchmark Scientific by phone at 1-908-769-5555 or by email at info@benchmarkscientific.com.