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.

Please read this manual carefully prior to operation. Any attempt to use this instrument that is not in accordance with the manual, may cause harm or injury to the user.

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.

Warning and Hazard Signs:

Caution, Hot Surface

Caution

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/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.

To disconnect power at any time, the main cord on the AC Adaptor is to be used as the Mains Disconnect.

Specifications:

Temp. Range:	Ambient +5 to 100°C
Temp. Accuracy:	+/- 0.3°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:	2 lbs / 0.9kg
Electrical:	24v DC, 2A converted from 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 min.

The instrument can be cleaned with a damp cloth or isopropyl alcohol. The user is responsible for the appropriate decontamination in case of spillage of hazardous material inside the case of the instrument. NOTE: The user is responsible for only using the cleaning agent listed above. The use of any decontamination or cleaning agents that could cause a HAZARD as a result of a reaction with parts of the equipment or with material contained in it is prohibited. If there is any doubt regarding the compatibility of a specific decontamination or cleaning agent, please contact the manufacturer.

For additional information regarding the compatibility of cleaning solutions or if there is any doubt regarding the compatibility of a specific decontamination or cleaning agent please contact Benchmark Scientific Inc.

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.