

**Operations Manual**  
**Item: BSH300 (-E)**  
**V1.0**

**myBLOCK™ Mini**



**Benchmark**  
Scientific

**Introduction:**

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

The MyBlock Mini is an extremely compact digital dry bath with powerful heating and cooling capabilities. The instrument provides accurate and uniform temperature control for most common laboratory test-tubes, ranging in sizes from 0.2ml up to 50ml.

**Installation:**

Place the MyBlock Mini 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.
- Press the “Prog.” key to select the desired program (1- 9).
- To adjust the temperature of the chosen program, press the “shift” key until the white underscore is beneath the temperature value. Then use the up and down keys to adjust to the desired temperature.
- Once the temperature is selected, it begins to adjust automatically after 3 seconds.
- To adjust the timer, press the “shift” key until the white underscore is beneath the item value. Then use the up and down keys to adjust the set time.
- Press start/ stop button to start and stop the timer.
- Each program (1-9) allows for two consecutive temperatures to be linked together. To set a second, linked temperature, press the “shift” key until the underscore passes the time setting and illuminates the lower block on the right side of the display. With this block illuminated, follow the instructions above for setting the desired settings.



**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:	0°C to 100°C
Temp. Accuracy:	+/- 0.5°C
Temp. Increments:	0.1°C
Temp. Uniformity:	+/- 0.2°C
Heating Time:	20°C to 100°C, <20 min.
Cooling Time:	20°C to 0°C, <25 min.
Environment:	4°C to 35°C
Dimensions:	4.3 x 6.4 x 5.5 in. 11 x 16.2 x 14 cm
Weight:	1.5 lbs. / 3.3kg
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](mailto:info@benchmarkscientific.com).

