

**Operations Manual**  
**Item: CLS-3956**  
**V1.0**



The mini heat block is an extremely compact digital dry bath (heat block). The instrument provides excellent temperature uniformity and accuracy for heating of tubes from 0.2ml up to 50ml. Each unit includes a convenient block lifter for removing blocks without having to wait until they have cooled.

**Installation:**

Place the mini heat block 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 "SET" key and select the desired 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. The display will then read "OK"
- Remove the clear cover and install the appropriate block (purchased separately). Once installed, load your samples into the block and attach the cover



**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:	1.2 lbs / 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 Chemglass Scientific by phone at:  
1-800-843-1794.



**Introduction:**

Thank you for purchasing the mini heat block. Please read this manual thoroughly prior to operating the instrument.