

## HI839800 COD Test Tube Heater

with 25 Vial Capacity

- **Low temperature alert**
  - Alerts the user that the temperature is below the set value
- **High temperature alert**
  - Alerts the user that the temperature is above the set value
- **Countdown timer**
  - Shows time remaining until the heating element shuts off

The HI839800 COD reactor is constructed of durable materials. The aluminum block incorporates a 25-vial capacity and a well for a reference temperature probe.

The HI839800 COD reactor is an easy to use test tube heater. Its well-marked user interface provides intuitive operation. The reactor is equipped with two predefined temperature settings: 105 °C and 150 °C. COD and total phosphorus digestions are conducted at 150 °C, and total nitrogen digestions are at the 105 °C.

In addition, the HI839800 has 3 LED's for visual indication. A green LED indicates power, a blinking red LED warns the user of a hot heater block (above 50°C), and a yellow LED indicates heating.

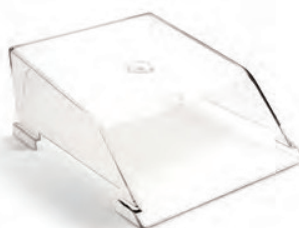
A three hour countdown timer is also incorporated to control timed digestions. When the countdown timer expires, a beep will sound and the heating element will turn off.

The reactor contains a thermal fuse that prevents overheating by turning off the heating element.

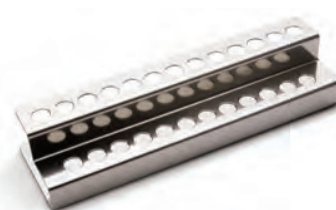
Block temperature is continuously displayed on the LCD even when there is no active temperature program running.



Outer casing stays cool to the touch!



HI740217  
Lab Safety Shield



HI740216  
Test Tube Cooling Rack

### Specifications

### HI839800

Temperature of Reaction	105°C or 150°C (221°F or 302°F)
Temperature Stability	±0.5°C (±0.9°F)
Temperature Range	-10°C to 160°C (14°F to 320°F)
Accuracy	±2°C (±3.6°F)
Capacity	25 vials (dia 16 x 100 mm), one receptacle for a stainless steel reference thermometer
Warm-up Time	10-15 minutes, depending on selected temperature
Operating Mode	timed (0 to 180 minutes) or infinity mode
Block	aluminum
Environment	5 to 50°C (41 to 122°F)
Power Supply (fuse protected)	HI839800-01: 115 VAC; 60 Hz; 250 W; HI839800-02: 230 VAC; 50 Hz; 250 W
Dimensions	190 x 300 x 95 mm (7.5 x 11.8 x 3.7")
Weight	approximately 4.8 kg (10.6 lb.)
<b>Ordering Information</b>	<b>HI839800-01</b> (115V) and <b>HI839800-02</b> (230V) is supplied with power cable and instructions.