

HI 839800

## COD Test Tube Heater with 25 Vial Capacity

- **Low temperature alert**

Appears when the block is warming up. It alerts the user that the temperature is below the set value.

- **High temperature alert**

Appears when the block is warming up. It alerts the user that the temperature is above the set value.

- **Countdown timer**

Shows time remaining until the heating element shuts off.

The HI 839800 COD reactor is constructed of durable materials. The aluminum block incorporates a 25-vial capacity and a well for a reference temperature probe.

The HI 839800 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: 150° and 105°C. COD and total phosphorus digestions are conducted at 150°C, and total nitrogen digestions are at the 105°C.

In addition, the HI 839800 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.

### ORDERING INFORMATION

HI 839800-01 (115V) and HI 839800-02 (230V) is supplied with power cable and instructions.

### ACCESSORIES

HI 740216	Test tube cooling rack (25 tube capacity)
HI 740217	Laboratory bench safety shield
HI 151-00	Electronic thermometer for reactor (°C)
HI 151-01	Electronic thermometer for reactor (°F)



Outer casing stays cool to the touch!



HI 740217  
Lab Safety Shield



HI 740216  
Test Tube Cooling Rack

SPECIFICATIONS	HI 839800
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)	HI 839800-01: 115 VAC; 60 Hz; 250 W HI 839800-02: 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.)