

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 Analytical 3980 COD reactor is constructed of durable materials. The aluminum block incorporates a 25-vial capacity and a well for a reference temperature probe.

The Analytical 3980 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 Analytical 3980 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 timer digestions. When the countdown timer expires, a deep 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

Analytical 3980 COD (115V) and 3981 COD(230V) is Supplied with power and instructions.

Accessories

- Test tube cooling rack (25 tube Capacity)
- Laboratory bench safety shield
- Electronic thermometer for reactor (°C)
- Electronic thermometer for reactor (°F)

Specifications

Temperature of Reaction
Temperature Stability
Temperature Range
Accuracy
Capacity

Warm-up Time
Operating Mode
Block
Environment
Power Supply (fuse protected)
Dimensions
Weight

Analytical 3980

105°C or 150°C (221°F or 302°F)
±0.5°C (±0.9°F)
-10°C to 160°C (14°F to 320°F)
±2°C (±3.6°F)
25 vials (dia 16 x 100mm) one receptacle for a Stainless steel reference thermometer
10-15 minutes, depending on selected temperature
timed (0 to 180 minutes) or infinity mode
aluminum
5 to 50°C (41 to 122°F)
Analytical 3980; 115 VAC; 60 Hz; 250 W
Analytical 3981; 230 VAC; 50 Hz; 250 W
190 x 300 x 95mm (7.5 x 11.8 x 3.7")
approximately 4.8 Kg (10.6 lb.)

Regulatory compliances



Corporate Social Responsibility



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Foundation**

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2. Improving quality of life by offering YOGA Training courses, Workshops / Seminars etc.
3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds, souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Comps etc.

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