

# THERMASONIC<sup>®</sup>

GEL WARMER

Models  
82-04, 82-04-10, and 82-04-20

## Operating Instructions



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## 1. Safety

**The following symbols marked on the equipment mean:**



Caution: Read these operating instructions fully before use and pay particular attention to sections containing this symbol.

**Always observe the following safety precautions:**

- Connect only to a power supply with a voltage corresponding to that on the electrical information label.
- Connect only to a power supply that provides a safety ground terminal.
- Before moving, disconnect at the power supply socket.
- If liquid is spilled inside the unit, disconnect it from the power supply and have it checked by a competent person.
- Do not submerge the unit in water.

## 2. Assembly

### 2.1 Installation

The THERMASONIC Gel Warmer can be placed on a flat and stable surface or can be mounted onto a wall, preferably away from drafts. See section 2.2 for proper wall mounting instructions. Plug power cord into a power supply that matches the voltage listed on the electrical information label on the side of the unit.

### 2.2 Wall Mounting

The THERMASONIC Gel Warmer can be mounted onto a wall by using the following instructions:

- The two mounting slots on the Gel Warmer are 4" apart.
- The mounting hardware must be capable of supporting a minimum of ten pounds.
- If mounting onto drywall the use of wall anchors, designed for use with drywall, is recommended.
- Insert screw so that approximately 1/16" clearance is present under the screw head.
- Carefully position the Gel Warmer so that the large round holes in the rear wall will pass over the heads of the screws.
- Press the Gel Warmer tightly against the wall and slide it downward, thereby trapping the screw head in the narrow grooves in the rear of the unit.

## 3. Operation

### 3.1 Controls and Indicator Lamps (Figure 1)

The Indicator Lamp indicates when Heating Element is on.

The Temperature Adjust Screw allows for adjustment of the operating temperature.

### 3.2 Setting the Operating Temperature

For ease of operation, the proper operating temperature has been preset at the factory. However, if a change to the operating temperature is required, the temperature adjustment screw on the rear of the unit can be turned. Turning the screw clockwise will increase the temperature. Turning the screw counterclockwise will decrease the temperature. Turn the screw in 1/10 turn increments. Allow sufficient time for the temperature to equilibrate.

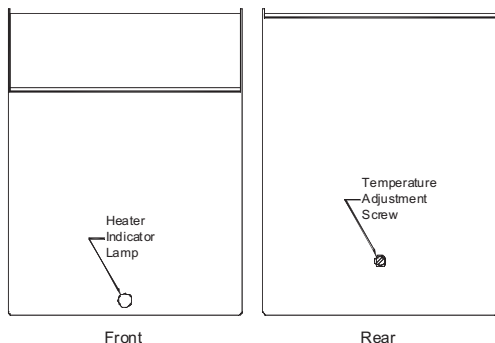


Figure 1

### 3.3 Operating the Gel Warmer

Allow sufficient time for the gel to reach proper temperature. It is advisable to keep the blue dust cover closed at all times. Your THERMASONIC Gel Warmer is designed for continuous operation and it is not necessary to disconnect the warmer at night.

Note: Since gels are aqueous, some condensation in the applicator cap may be noted. If this occurs, open the cap or place the bottle upside down.

## 4. Technical Specifications

This equipment is intended for indoor use and will meet its performance figures within the ambient temperature range of 20°C to 35°C, with maximum relative humidity of 80% (non-condensing). Installation Category II (transient voltages). Pollution Degree 2 in accordance with IEC 664. Suitable for operation at altitudes of up to 6500 feet.

**Specifications:**

Supply Voltage Range:	115V~ +/- 10%, 50/60 Hz 230V~ +/- 10%, 50/60 Hz
Power Rating:	Model 82-04, 82-04-10: 23W Model 82-04-20: 22W

**5. Maintenance and Service**

The THERMASONIC Gel Warmer is designed to comply with IEC1010-1. No routine maintenance is required.

**5.1 Cleaning**

Disengage power cord prior to cleaning. The outer casing may be cleaned with water and a damp cloth. Do not submerge or immerse the Gel Warmer in water. Abrasive materials such as paper towels may scratch the paint and damage the plastic lid. Do not use solvents to clean the plastic lid. Before using any cleaning or decontamination method except those recommended by the manufacturer, users should check that the proposed method would not damage the equipment.

**5.2 Internal Fuse (230V only)**

There is a supply fuse located inside the unit. The fuse is not replaceable by the operator. If the Gel Warmer does not operate when plugged into the correct voltage power supply, the unit must be returned to the manufacturer for replacement of the fuse. The fuse must be 5mm x 20mm quick acting, rated 250V with axial leads.

Model 82-04-20 (230V)	0.25AF
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