Warm and comfortable is now even better.

5. TECHNICAL SPECIFICATIONS

This equipment is intended for indoor use and will meet its performance figures within the ambient temperature range of 68°F (20°C) to 95°F (35°C), with maximum relative humidity of 80% (non-condensing). Installation Category II (transient voltages). Pollution Degree 2, in accordance with EN 60664-1. Suitable for operation at altitudes of up to 6,500 feet.

Specifications:

- Supply Voltage Range: 120V~ +/- 10%, 50/60 Hz
- 230V~ +/- 10%, 50/60 Hz (CE version)
- Power Rating: Model 83-20: 36W, 0.28-0.35A
- Model 83-20-20: 36W, 0.15-0.18A
- Temperature Tolerance: Heating Well ± 2°C

6. MAINTENANCE AND SERVICE

No routine maintenance is required and there are no user-serviceable parts.

6.1 CLEANING

Disconnect the Gel Warmer from the electrical outlet prior to cleaning. Allow the unit to cool. The Gel Warmer may be cleaned by using a soft damp cloth and a mild detergent, or a hospital grade disinfectant product from Parker Laboratories. Do not allow the electronic controls to get wet. Do not use an abrasive cleaner or isopropyl alcohol to clean the Gel Warmer. Do not submerge or immerse the Gel Warmer in water.

7. WARRANTY

The Thermasonic Gel Warmer has a two-year Limited Warranty from date of purchase. DO NOT attempt to service your Thermasonic Gel Warmer. Any evidence of the unit being disassembled, tampered with, or misused will void the warranty. Contact Parker Laboratories, Inc. with any service or warranty questions through email: parker@parkerlabs.com

NOTE: Product must be registered online at time of purchase. Please register your model at: www.parkerlabs.com/register/thermasonic

8. FREQUENTLY ASKED QUESTIONS

This instruction manual contains the answers to most questions about the use and care of your Thermasonic Gel Warmer. You may also find answers to some of the most frequently asked questions by visiting: www.parkerlabs.com/thermasonic

---

Manufacturer's Name: Parker Laboratories, Inc.
Manufacturer's Address: 286 Eldridge Road, Fairfield, NJ 07004 USA

This model conforms to the requirements of the following European Directives:

- Low Voltage Directive 2014/35/EU
- EMC Directive 2014/30/EU

Conforming to the following standards:

- EN 55014-1:2017
- EN 55014-2:2015
- EN 61000-3-2:2014
- EN 61000-3-2:2013
- EN 62233:2008
- EN 60664-1:2007

© 2019 Parker Laboratories, Inc. All Rights Reserved.
® Thermasonic is a registered trademark of Parker Laboratories, Inc.
® Microtemp is a registered trademark of Emerson Electric Co.

PM-082-0005A
1. IMPORTANT SAFEGUARDS

This symbol when indicated on the equipment means: CAUTION
Read these operating instructions fully before use and pay particular attention to sections containing this symbol.

Always observe the following safety precautions:

1. **READ THESE INSTRUCTIONS.**
2. **CAUTION:** To provide continued protection against risk of electric shock, connect to properly grounded outlets only.
3. Do not immerse in water.
4. Unplug from outlet prior to cleaning. Allow unit to cool before cleaning the appliance.
5. Do not operate any appliance with a damaged cord or plug or after a malfunction, or has been damaged in any manner. Return unit to an authorized service facility for examination, repair or adjustment.
6. Do not use outdoors.
7. Do not use appliance for anything other than intended use.
8. Do not use attachments not recommended by the manufacturer may result in fire, electric shock or injury to persons.
9. **SAVE THESE INSTRUCTIONS.**

2. INCLUDED IN PACKAGE

Warm and comfortable is now even better.

3. ASSEMBLY

3.1 INSTALLATION

The Thermasonic Gel Warmer should be placed away from drafts, in an upright position on a flat, stable surface. Do not lay the unit flat on any side. The unit may also be wall-mounted. See section 3.2 for wall mounting instructions.

*NOTE:* UK power cord with a BS-1363 plug (Part #: UKCORD) is available from the Thermasonic® Gel Warmer.

3.2 WALL-MOUNTING

The Gel Warmer can be mounted on a wall with the use of the supplied screws and wall anchors. Follow these steps to wall mount:

1. Once wall-mount location has been identified, make two marks on the wall and male end into an IEC320/C14 receptacle (see Figure 1) and male end into an appropriate electrical outlet matching the voltage listed on the electrical information label on the back of the Gel Warmer.

2. If mounting into wood, install screws and allow 0.1” (2.5mm) clearance between the wall and the screw head. If mounting into drywall, use the wall anchors is necessary.

3. To adjust the temperature, press the arrow button with + symbol to increase temperature, or press the arrow button with – symbol to decrease temperature (see Figure 4).

4. The Thermasonic Gel Warmer contains a temperature sensor to consistently monitor function and a Microtemp® thermal cutoff to protect against overheating.

4. OPERATION

4.1 SETTING THE OPERATING TEMPERATURE

The Gel Warmer operates within a temperature range and can be adjusted in one degree increments from 97°F to 109°F (36°C to 43°C).

4.2 OPERATING THE PACKETTE GEL WARMER

This unit is designed to heat 20 single use packettes sized at 2.25” x 5.25” (5.7 cm x 13.3 cm), with each packette containing 20 grams of gel, with a total weight capacity of 400 grams. It will take approximately two hours for the unit to reach its set temperature, while the first packette (at bottom of the unit’s well) will reach desired temperature in approximately one hour. Always check the warmth of the packette prior to applying gel to the patient’s skin.

Leaving the cover closed at all times will help retain heat. Your Thermasonic Gel Warmer is designed for continuous operation, and it is not necessary to disconnect the warmer when not in use.

**NOTE:** Use of the Thermasonic Gel Warmer will not affect the performance or viscosity of Aquasonic® 100 or Aquasonic Clear® Single Use Packettes.