

Please read carefully before using

1858-INS-LAB-RevC20

PRODUCT DESCRIPTION



The intended use of the 1858 digital thermometer is the quick and accurate measurement of a person's body temperature.

SPECIFICATIONS

Range	90°F ~ 109.9°F
Accuracy	±0.2°F 95.9°F - 107.6°F; ±0.4°F <95.9°F or >107.6°F
Display	LCD (Liquid Crystal Display) XXX.X digit display
Memory	Enables display of last measurement
Battery (included)	One 1.5 VDC battery (battery is not replaceable)
Device (Battery) Life	~ 200 hours
Dimensions (L x W x H)	5 in x .71 in x .31 in (127 mm x 18 mm x 8 mm)
Weight	Approximately 0.02 lb / 0.35 oz / 10 g
Operation Environment	Temperature 41°F ~ 104°F; Humidity <85% RH
Storage / Transportation Environment	Temperature 14°F ~ 131°F; Humidity <95% RH
Classification	Type B Equipment
Quality / Compliance	This thermometer is manufactured in compliance with EN12470-3:2000, ASTM and complies with the requirements of IEC 60601-1:1990 +A1:1993+A2:1995, IEC 60601-1-2:2007. The manufacturer is ISO 9001:2000 and ISO 13485:2003 certified.

SAFETY AND MAINTENANCE

- ⚠ **WARNING:** Children must always be supervised by an adult during temperature measurement.
- ⚠ **WARNING:** Stop using the thermometer if it operates erratically or if the display malfunctions.
- ⚠ **WARNING:** Clean the thermometer probe before storing.
- ⚠ **WARNING:** Cancer and Reproductive Harm - www.p65warnings.ca.gov.
- ▲ **NOTICE:** Do not boil the probe. Clean the unit by wiping it with a dry cloth and disinfect the probe with isopropyl alcohol.
- ▲ **NOTICE:** Do not drop the thermometer or expose it to heavy shock. The unit is not shock proof.
- ▲ **NOTICE:** Do not bend or bite the probe.
- ▲ **NOTICE:** Do not disassemble. The battery is not replaceable.
- ▲ **NOTICE:** If the thermometer has been stored at below-freezing temperatures, allow it to warm naturally to room temperature before using.
- ▲ **NOTICE:** Do not store the unit under direct sunlight, at a high temperature, or in high humidity or dust; performance may be degraded.
- ▲ **NOTICE:** Performance of the device may be degraded if operated or stored outside temperature and humidity ranges stated in Specifications.

DIRECTIONS FOR USE

1. Wipe the thermometer probe with or dip it into isopropyl alcohol (~ 25 inch maximum) to disinfect.
2. Depress the ON/OFF button. A tone will sound as the screen displays **88.8**, followed by "Lo". The screen will then display the last recorded temperature, will again display "Lo", and will then be in measurement mode.
Note: If room temperature is higher than 90°F before testing, the LCD will display the actual room temperature instead of "Lo".
3. Position thermometer in desired location (mouth, rectum, or underarm) as described in following paragraphs.

Oral Use: To ensure accuracy, keep mouth closed for five minutes before testing. Place the probe under tongue as indicated by "✓" position shown in Figure 2. Close your mouth and breathe evenly through the nose to prevent the measurement from being influenced by inhaled / exhaled air. Measurement is obtained in approximately sixty seconds.

Rectal Use: If using a probe cover to help prevent cross infection and contamination, insert thermometer probe into the probe cover, then lubricate the probe cover with a water soluble jelly for easier insertion. Do not use petroleum jelly. **Note:** Use of the probe cover may result in a 0.2°F (0.1°C) difference from actual temperature. If not using a probe cover, lubricate the probe with petroleum jelly. Insert probe no more than ½ inch (1 cm) into rectum. Stop if you meet any resistance. The sensing device is on the tip of the probe and there is no need to insert the probe deep into the rectum. Measurement is obtained in approximately sixty seconds.



Axillary Use (Underarm): Wipe underarm dry. Place probe under arm and keep arm pressed firmly to side. Measurement is obtained in approximately ninety seconds.

4. °F flashes throughout the measurement process. When measurement is complete, the alarm beeps for approximately ten seconds and the measured temperature displays.
5. The thermometer will automatically turn off in approximately ten minutes. To prolong battery life, turn the thermometer off by pressing the ON/OFF button once the temperature has been noted.

Normal Temperature Alarm: When the peak temperature has registered, the "Normal Temperature" alarm (evenly spaced beeps) will sound for approximately 10 seconds.

Fever Alarm: When the peak temperature has registered higher than 100.0°F, the fever alarm (quick beeps) will sound for approximately 10 seconds.

Automatic Last Temperature Recall: The last measured temperature will display during the startup procedure, as described in step 2.

Note: Always disinfect the thermometer before use as described in step 1.

Note: When finished, dispose of any used probe shield and store the thermometer in a safe place.

CLEANING INSTRUCTIONS

To clean the thermometer, wash the tip with a solution of mild detergent and cool water. To disinfect the thermometer, wipe the sensor and lower stem with a clean cloth dipped in isopropyl alcohol.

LIMITED WARRANTY

SCOPE OF WARRANTY

GF Health Products, Inc. ("GF") warrants to the original purchaser only that it will replace or repair components, at GF's sole discretion, that are defective in material or workmanship under normal use and service. All warranties are conditioned upon the proper use of the products strictly in accordance with good commercial practice and applicable GF instructions and manuals, including proper use and maintenance. To the extent that a component is warranted by a third party, GF conveys all of its rights under that warranty to the original purchaser, to the extent permitted. This limited warranty shall only apply to defects that are reported to GF's customer service team within the applicable warranty period and which, upon examination by GF or its authorized representative, prove to be a warranty item. This limited warranty is not transferable. Within the guidelines set forth in this document, this product is warranted for one (1) year. The applicable warranty period shall commence from date of shipment to the original customer, unless there is an expiration date on the component in which case the warranty shall expire on the earlier of warranty period or the expiration date.

OBTAINING WARRANTY SERVICE

This limited warranty shall only apply to defects that are reported to the Distributor from whom the Customer purchased the product within the applicable warranty period. If there is not a Distributor, you must contact GF directly by calling 1.770.368.4700, sending a fax request to 1.770.368.2386, or by e-mailing a request to cs@grahamfield.com. Specific directions will be provided by the Customer Service Representative. Failure to abide by the specific directions will result in denial of the warranty claim.

EXCLUSIONS

The warranty does not cover and GF shall not be liable for the following:

- 1) Defects, damage, or other conditions caused, in whole or in part, by misuse, abuse, negligence, alteration, accident, freight damage, tampering or failure to seek and obtain repair or replacement in a timely manner;
- 2) Products which are not installed, used, or properly cleaned and maintained as required in the official manual for the applicable product;
- 3) Products considered to be of a non-durable nature including, but not limited to: batteries, accessories, casters, filters, fuses, gaskets, lubricants, and charts;
- 4) Accessories or parts not provided by GF;
- 5) Charges by anyone for adjustments, repairs, replacement parts, installation or other work performed upon or in connection with such products which are not expressly authorized in writing, in advance, by GF;
- 6) Any labor or shipping charges incurred in the replacement part installation or repair;
- 7) Costs and expenses of regular maintenance and cleaning; and
- 8) Representations and warranties made by any person or entity other than GF.

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NOTES:

- 1) Additional terms and conditions may apply.
- 2) Freight claims must be noted on the appropriate shipping documents and must be made with immediacy. International, federal and state regulations govern specific requirements for freight claims. Failure to abide by those regulations may result in a denial of the freight claim. GF will assist you in filing the freight claim.
- 3) Claims for any short shipment must be made within three (3) days of the invoice date.



1.770.368.4700
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