

PRODUCT DESCRIPTION

Figure 1



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

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.
- ▲ **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 **188.8**, 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.



Figure 2

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 third party warrants a component, 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 in accordance with the provisions set forth in this warranty document, within the applicable warranty period and which, upon examination by GF or its authorized representative, prove to be a warranty item. (See Obtaining Warranty Service below) This limited warranty is not transferable.

The warranted components and time periods are set forth below:

Thermometer one (1) year

* Labor is not included in the warranty.

‡ The warranty period is as designated above. If a part is replaced under warranty, the original warranty period will not be affected. All other replacement parts will be subject to the warranty period specified.

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

Customers located in the United States who wish to report a warranty issue, must contact GF directly by calling 1.770.368.4700 or by e-mailing a request to cs@grahamfield.com. Customers located outside the United States must contact the Distributor from whom they purchased the products. In both cases, further directions will be provided once the initial contact is made. This limited warranty shall only apply to defects that are reported within the applicable warranty period. Failure to abide by the specific directions will result in denial of the warranty claim.

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3. Products considered to be of a non-durable nature including, but not limited to: filters, fuses, gaskets, lubricants, and charts;
4. Accessories or parts not provided by GF;
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7. 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;
8. Any labor or shipping charges incurred in the replacement part installation or repair;
9. Costs and expenses of regular maintenance and cleaning; and
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NOTES:

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3. Claims for any short shipment must be made within three (3) days of the invoice date.

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