

Thank you for purchasing the BIOS Diagnostics™ 5 Second Digital Thermometer. To correctly utilize all the advantages of this product, please familiarize yourself with these operating instructions before using the thermometer for the first time. Keep the instructions in a safe place for future reference.

SAFETY INFORMATION:

- High, prolonged fever requires medical attention, especially for young children. Please contact your physician should this occur.
- This thermometer contains small pieces that can pose a choking hazard. Do not allow children to take their own temperatures unattended.
- Keep battery away from children, harmful if swallowed.
- **Do not** open the thermometer except to replace the battery.
- To avoid damage to the probe, do not bend beyond a 45° angle.
- Use of a probe cover may result in a 0.1°C (0.2°F) discrepancy from actual temperature.
- **Do not** boil probe to disinfect.
- **Do not** store in direct sunlight or in areas of extreme heat.

°C / °F SWITCHABLE:

Temperature readings are available in Celsius or Fahrenheit (°C/°F; located in the upper right corner of display field). Turn On the thermometer by pressing the **On/Off** button. The display will briefly show $\overline{00.0}$ with backlight and beep tone. Then the display will show the last measurement, press and hold the **On/Off** button for 3 seconds, °C or °F will be displayed, press the **On/Off** button once to switch from °C to °F and vice versa.

HOW TO TAKE A TEMPERATURE:

1. Select Oral, Axillary (Underarm) or Rectal as your measurement site based on each individual. Clean thermometer with soap and water prior to use.
2. Push the **On/Off** button located beside the display window. The thermometer will beep and the display will read: $\overline{00.0}$. This is a function check indicating that the unit is working properly. Should there be a reading in the memory it will then appear. Immediately after \overline{orL} will appear, then $\overline{---}$ with the °C /°F and the “n” gone. This will indicate that the thermometer is ready for use.

IMPORTANT: \overline{Lo} does not refer to the battery level.

3. While taking a temperature, the °C /°F symbol flashes as long as the temperature increases.
4. A beep will sound for 10 seconds indicating that the peak temperature has been reached. The visual temperature reference will indicate if the reading is normal (green), elevated (yellow), or fever (red) with an arrow pointing to the colour bar located on the top side of the LCD. If the temperature is 37.8°C /100°F or higher, rapid beeps will sound and the screen will light up red indicating a fever. If the temperature is below 37.8°C /100°F, the screen will light up green.

NOTE: The LCD will display “Lo°C” if the measurement taken is below 32.0°C /90°F. It will display “Hi°C” if the measurement is above 42.9°C /109.9°F.

5. To prolong the life of the battery, turn the thermometer off after each use by pressing the **On/Off** button briefly, otherwise the unit will turn off automatically in approximately 10 minutes.

ORAL USE:

- Do not drink hot or cold fluids, exercise, smoke or perform other activities prior to a measurement. These actions will raise or lower temperature readings when compared to your normal, average temperature. The mouth should remain closed for up to 5 minutes before attempting a reading.
- Place the probe tip well under the tongue and wait until a beep is heard. Instruct children not to bite down on the probe.

AXILLARY (UNDERARM) USE:

- Wipe underarm with a dry towel.
- Place the probe tip in the hollow of the armpit and bring arm down against the body and wait until a beep is heard.

RECTAL USE:

- Commonly used for babies, young children or when it is difficult to take an oral or axillary (underarm) temperature.
- Lubricate the thermometer with a water-soluble personal lubricant or petroleum jelly.
- Gently insert the probe tip no more than ½ inch / 1.3 cm into the rectum, and wait until a beep is heard.

IMPORTANT: Do not force the tip into the rectum if resistance is encountered.

WHAT IS “NORMAL” BODY TEMPERATURE?


“Normal” body temperature varies from person to person and changes according to time of day and body location. The following table shows the temperature ranges:

	Fever Temperature	Temperature Ranges
Rectal*	Over 38°C / 100.4°F	36.3°C – 38°C / 97.3°F – 100.4°F
Oral (mouth)*	Over 37.8°C / 100°F	36.1°C – 37.8°C / 97°F – 100°F
Axillary (underarm)*	Over 37.2°C / 99°F	35.2°C – 37.2°C / 95.4°F – 99°F

*Fever definitions according to the American Medical Association

IMPORTANT: It is recommended to measure the body temperature when healthy to establish the specific “normal” temperature.


MEMORY RECALL:

This thermometer has a memory which recalls the last temperature taken. To obtain this information, with the thermometer off, press the **On/Off** button. The screen displays  then the last measurement, which will be deleted after the next temperature is taken.

CLEANING AND DISINFECTING:

Before and after each use, clean the thermometer with warm soapy water and a soft cloth. Disinfect using a cotton ball moistened with alcohol. Never immerse in hot water or in harsh cleaning solutions.

CHANGING THE BATTERY:

When the  appears on the display, the battery is exhausted and needs replacing. Remove the battery compartment lid located on the back of the thermometer. Use a coin or flat head screwdriver to open. Discard the old battery and insert a new equivalent battery (CR2032, 3V). Ensure the battery is correctly positioned with the “+” facing up or towards the back of the unit. Replace battery compartment lid.

SPECIFICATIONS:

Temperature Range:	32°C to 42.9°C (90°F to 109.9°F)
Accuracy:	±0.1°C, 35.5°C to 42°C (±0.2°F, 95.9°F to 107.6°F)
	±0.2°C under 35.5°C or over 42.0°C (±0.4°F under 95.9°F or over 107.6°F) at ambient temperature of 18°C to 28°C (64.4°F to 82.4°F)
Visual Temperature Reference:	No Indication: <35.8°C (<96.4°F) Green: 35.8°C to 37.2°C (96.4°F to 99°F) Yellow: 37.2°C to 37.8°C (99°F to 100°F) Red: >37.8°C (>100°F)
Fever Glow	<37.8°C / 100°F screen will light up green ≥37.8°C / 100°F screen will light up red
Operating Environment:	Temperature: 5°C to 40°C (41°F to 104°F) Relative humidity: 15% to 95%
Storage and Transportation Condition:	Temperature: -20°C to 55°C (-4°F to 131°F) Relative humidity: 15% to 95%

LIMITED LIFETIME WARRANTY:

This product is warranted to be free from defects in material or workmanship for the life of the original owner. It will be repaired or replaced without charge upon receipt of the unit prepaid with \$5.00 to cover handling, packaging and return postage to the address below. Please include your full name, address and daytime phone number or email address.



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