



PROFESSIONAL MEDICAL PRODUCTS

Gima S.p.A. – Via Marconi, 1 - 20060 Gessate (MI) Italy
Italia: tel 199 400 401 – fax 199 400 403 – gima@gimaitaly.com
Export: phone + 39 02 953854209/221/225 – fax + 39 02 95380056
- export@gimaitaly.com – www.gimaitaly.com

COD. 25565 BACKLIT DIGITAL THERMOMETER – USER MANUAL



Please read the instructions carefully to ensure accurate temperatures and safe operation.



Warning: Read the following before using

- This product is not a toy.
- The thermometer should only be used under the supervision of an adult.
- Do not walk, run or talk during temperature taking.
- Clean the thermometer before and after each use.
- Store the unit in the protective case and keep away from children when not in use.
- Do not bite the probe and battery cover.
- Do not store the unit where it will be exposed to direct sunlight, dust or humidity. Avoid extreme temperatures.
- Dropping or subjecting your thermometer to strong shocks should be avoided.
- Do not attempt to disassemble the unit, except to replace the battery.
- The body of the thermometer should be free of crack before use.
- Do not plug in AC power outlet.
- Do not use if battery cover is detached.
- If measurement is not attainable, the unit must be replaced.
- There might be potential electromagnetic or other interference influencing proper operation of the equipment, in such case, please stop using and re-use it after the interference disappeared.
- Please arrange a calibration for the device at authorized unit or arrange a contrast with reference mercury thermometer at least once every year.
- Do not disassemble the device. If the functional failure occurred during the operation process, please return it to the retailer.
- Do not discard the device randomly. When end of using, please handle the device according to local law and regulations.

NOTE:

Performance of the device may be degraded if:

- Operated outside of stated temperature and humidity range
- Stored outside of stated temperature and humidity range
- Thermometer undergoes mechanical shock (drop)
- Patient temperature is below ambient temperature

This thermometer conforms to all of the requirements established in ASTM Standard E 1112:2000 (Standard Specification for Electronic Thermometer for Intermittent Determination of Patient Temperature) and EN 12470-3:2000 (Clinical thermometers-Part 3: performance of compact electrical thermometers).

Introduction

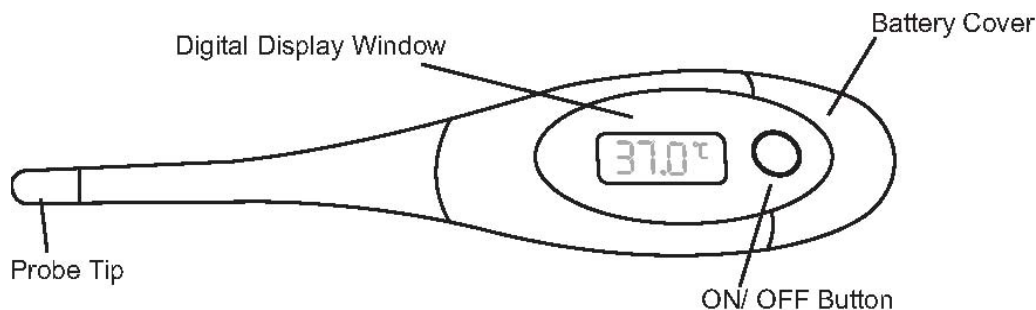
What is a "Normal" Temperature?

Although the generally accepted "normal" temperature reading is 37.0°C (98.6°F), temperature reading can vary from 36°C (96.8°F) to 37.3°C (99.1°F) and still may be considered "normal". Variations in temperature can be attributed to activities such as exercise, smoking, eating and drinking. Even time of day may influence your temperature. For example, your temperature is lower in the morning than in the afternoon. Other variations may be due to the location of the temperature reading. While the oral temperature follows the guidelines previously described, a rectal temperature is generally 0.5°C (0.9°F) higher. Conversely, an auxiliary temperature (under the arm) temperature will be 0.5°C (0.9°F) lower. We encourage you to thoroughly read this guidebook to learn about the features of your thermometer.

Technical Specifications

DISPLAY:	Backlit liquid crystal display
DISPLAY RESOLUTION:	4 Digits (1/10 TH of a degree increments)
MEASUREMENT RANGE:	32°C - 42.9°C (89.6°F - 109.2°F)
MAXIMUM PERMISSIBLE ERROR:	±0,1°C (±0,2°F)
TEMPERATURE SCALE:	°C
ALERT:	Thermometer beeps when activated and deactivated. A series of beeps signal when peak temperature is reached.
MEMORY:	Displays last measured temperature.
BATTERY:	One L394A 1.5V DC.
BATTERY LIFE:	Approximately 1500 measurements.
AUTOMATIC SHUT-OFF:	After approximately 10 minutes.
OPERATING TEMPERATURE:	
AMBIENT:	10°C – 40°C (50°F – 104°F)
HUMIDITY:	15% to 95% RH
STORAGE TEMPERATURE:	-10°C – 60°C (14°F – 140°F) 15% to 95% RH

Features



Symbols

	Caution, please read the instructions carefully before operating the product.
	Type B applied part. Note: B = Body.
	The equipment bears CE mark CE0476 indicating its conformity with the provision of Council Directive 93/42EEC medical devices, and fulfils the essential requirements of Annex I of this directive.

Cleaning

It is important to clean your Thermometer before the first time of use and after each application. Clean your Digital Thermometer by wiping it with soap and water or 70% isopropyl Alcohol.



Caution: THE UNIT MUST NEVER BE SUBMERSED IN ANY LIQUID OR STERILIZED IN ANY WAY (GAS OR STEAM AUTOCLAVES). FAILURE TO FOLLOW THESE INSTRUCTIONS WILL CAUSE SEVERE DAMAGE TO YOUR UNIT AND VOID YOUR WARRANTY.

Operating your thermometer




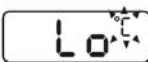
Follow the previous cleaning instructions prior to using your Thermometer for the first time of use or after it has been stored for a period.

How to take your temperature

1. Determine whether the measurement will be oral, rectal or underarm.

NOTE: Measurement time may vary based on the selected position.

2. Press the ON/OFF button (the unit will beep) to activate the thermometer.

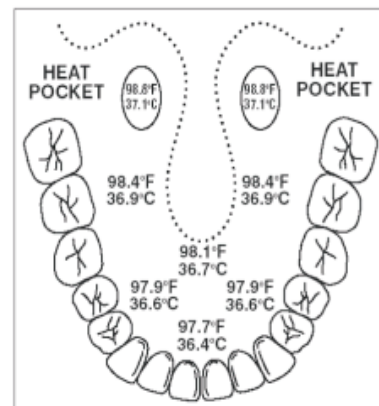
	This is the LCD display test, which ensures all parts of the display are functioning properly. It will appear on the screen for approximately 3 seconds.
	This display shows the last temperature reading or Lo if no reading is stored in memory. It will appear on the screen for approximately 2 seconds.
	The display will then briefly display 37.0°C. The Lo with the flashing C indicates the thermometer is ready to take a temperature reading.
	

Taking an oral temperature

Using the diagram on the right, place the probe tip under the tongue as near as possible to the heat pocket. The diagram also shows the temperature variables by not placing the tip in the heat pocket area.



Caution: drinking hot or cold fluids, exercising, smoking or performing other activities may raise or lower your temperature. Therefore, it is important to relax for approximately 5 minutes with your mouth closed prior to taking a reading.



1. The current temperature is shown and the **C** will continue to flash during the reading.
2. When the peak temperature is reached, the **C** will stop flashing and the thermometer will sound a series of beeps for ten times. If the temperature is above 37.8 C (100 F), the unit will sound ten sets of two short beeps each.
3. To turn the unit off, press the ON/OFF button. Or the unit will automatically shut off after approximately ten minutes.

NOTE: The mouth must remain closed during the measurement for the most accurate reading. Opening the mouth could result in an extended measurement time and may affect the reading.

Taking an Auxiliary Temperature (under the arm)

1. Wipe the underarm with a dry towel.
2. Place the probe tip under the arm so the tip is touching the skin with the thermometer perpendicular to the body.
3. Place under arm with its bulb deep in armpit in contact with the skin. Delicately approach the arm to hold thermometer in place.
4. When the peak temperature is reached, the **C** will stop flashing and the thermometer will sound a series of beeps for ten times. If the temperature is above 37.8 C (100 F), the unit will sound ten sets of two short beeps each.
5. To turn the unit off, press the ON/OFF button. Or the unit will automatically shut off after approximately ten minutes.

NOTE: Auxiliary temperatures are generally 0.5 C (0.9 F) lower than oral reading.

Taking a rectal temperature



Caution: rectal temperatures are an appropriate and reliable method for infants and small children. Otherwise, this method should only be used when it is impossible or impractical to take an oral or auxiliary temperature.

1. After applying the disposable probe cover, apply a water-soluble lubricant to the tip.
2. Gently insert the probe a MAXIMUM of 1/2" into the rectum.
3. When the peak temperature has been reached, the will stop flashing and the thermometer will sound a series of beeps for ten times. If the temperature is above 37.8 C (100 F), the unit will sound ten sets of two short beeps each.
4. To turn the unit off, press the ON/OFF button. Or the unit will automatically shut off after approximately ten minutes.

NOTE: Rectal temperatures are generally 0.5 C (0.9 F) higher than oral readings.

Changing the battery

The battery in your digital thermometer needs to be replaced when the symbol appears on the display. Replace the battery with L394A 1.5V DC.

How to change the battery

<ol style="list-style-type: none"> 1. Loosen screw on the battery cap turning counter-clockwise. 2. Remove and slide the battery cap away from the unit. 3. Use a non-metal pointed tool, carefully remove the battery and insert the new battery with the negative (-) side facing the back side of the unit. 	
<ol style="list-style-type: none"> 4. Carefully slide the battery cap back into place, and make sure that the cap fits snugly to protect the battery compartment from moisture. 5. Tighten the screw. 	

Disposal



The product must not be disposed of along with other domestic waste. The users must dispose of this equipment by bringing it to a specific recycling point for electric and electronic equipment. For further information on recycling points contact the local authorities, the local recycling center or the shop where the product was purchased. If the equipment is not disposed of correctly, fines or penalties may be applied in accordance with the national legislation and regulations.

GIMA WARRANTY CONDITIONS

Congratulations for purchasing a GIMA product.

This product meets high qualitative standards both as regards the material and the production.

The warranty is valid for 12 months from the date of supply of GIMA.

During the period of validity of the warranty, GIMA will repair and/or replace free of charge all the defected parts due to production reasons. Labor costs and personnel traveling expenses and packaging not included.

All components subject to wear are not included in the warranty.

The repair or replacement performed during the warranty period shall not extend the warranty.

The warranty is void in the following cases: repairs performed by unauthorized personnel or with non-original spare parts, defects caused by negligence or incorrect use.

GIMA cannot be held responsible for malfunctioning on electronic devices or software due to outside agents such as: voltage changes, electro-magnetic fields, radio interferences, etc.

The warranty is void if the above regulations are not observed and if the serial code (if available) has been removed, cancelled or changed.

The defected products must be returned only to the dealer the product was purchased from.

Products sent to GIMA will be rejected.



Fabbricante/Manufacturer:
Gima S.p.A. - Gessate (MI) - Italy