

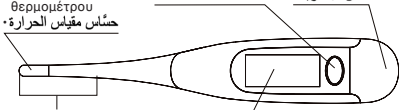


# GIMA

PROFESSIONAL MEDICAL PRODUCTS

Gima S.p.A.  
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- Sensore del termometro
- Thermometric sensor
- Capteur thermométrique
- Sensor termométrico
- Sensor termométrico
- Thermometersensor
- Αισθητήρας θερμομέτρου
- حساس مقياس الحرارة
- Punta del termometro
- Thermometric tip
- Embout thermométrique
- Punta termométrica
- Ponta do termómetro
- Thermometerspitze
- Ακροφύσιο θερμομέτρου
- طرف مقياس الحرارة
- Pulsante ON/OFF
- ON/OFF Button
- Bouton ON/OFF
- Botón ON/OFF (inicio/detener)
- Botão ON/OFF
- ON/OFF-Taste
- Πλήκτρο ON/OFF
- ON/OFF زر
- Compartimento della batteria
- Battery compartment
- Compartiment à piles
- Compartimento de las pilas
- Compartimento da pilha
- Entnahme der Batterie
- Κάλυμμα μπαταρίας
- مكان البطارية
- LCD · LCD · ÉCRAN LCD · LCD · LCD
- LCD · LCD · LCD شاشة



ENGLISH

## DIGITAL THERMOMETER (Not Waterproof)

Congratulations on your purchase of this product. Please read the instructions carefully before using the thermometer for the first time, and keep these in a safe place. This product is intended for the measurement of human body temperature. This product is for home and hospital use, operator shall be at least 11 years old and patient can be operator.

### Operating instructions

Before using, please disinfect the probe at first. To switch on, press the ON/OFF button next to the display; a short beep will sound, indicating that the thermometer is operational. At the same time the thermometer runs a self-check test, during which all the digital segments appear on the LCD. When the letters "Lo" and a flashing "C" display, the thermometer is now ready for use. If the ambient temperature is below 32°C, then "Lo°C" will appear on the LCD and if it is more than 42°C, then "Hi°C" will appear on the LCD.

During the reading, the current temperature is displayed continuously and the "°C" symbol flashes. The measurement is completed when a constant temperature value has been reached. The temperature value is considered constant when the temperature rises less than 0.1°C within 4 seconds. As soon as the constant temperature value is reached, a beep will sound 12 times, and the "°C" symbol will stop flashing. The highest temperature measured appears on the LCD. However, please note that this thermometer is a maximum thermometer, i.e. the displayed temperature can increase slightly if measurement continues after the beep. This is particularly the case with axillary measurements, should a temperature value be recorded which approximates the core body temperature. In this instance please note the description under "Methods of measuring temperature". When the measurement is completed, please switch the thermometer off by pressing the ON/OFF button. After the temperature has been displayed, the thermometer will shut off automatically after 4 minutes and a beep sound.

### Memory function

Switch the thermometer off, then press the ON/OFF button for about 2 seconds. The last measured value with "°C" will appear automatically on the LCD. This display is visible as long as the ON/OFF button is held down. The reading is only over-written when a new temperature value is recorded.

### Methods of measuring temperature

It is important to remember that the body temperature reading depends on the site where it is measured. For this reason, the measurement site must always be specified in order to ensure that a correct temperature reading is recorded.

#### In the rectum (rectal)

This is the most accurate method from a medical point of view, because it comes closest to the core body temperature. The thermometer tip is inserted carefully into the rectum for a maximum of 2cm. The usual measuring time is approximately 9 to 11 seconds.

#### In the mouth (oral)

There are different heat zones in the mouth. As a general rule, the oral temperature is 0.3°C to 0.8°C lower than the rectal temperature. To ensure that reading is as accurate as possible, place the thermometer tip to the left or right of the root of the tongue. The thermometer tip must have constant contact with the tissue during the reading and be placed under the tongue in one of the two heat pockets at the back, keep the mouth closed during the reading and breathe evenly through the nose. Do not eat or drink anything before the measurement. The usual measuring time is approximately 15 to 19 seconds.

**Note:** We strongly recommend the rectal method as the most accurate method for identifying the basal temperature, and advise you to extend the measuring time by 3 minutes after the beep.

### Cleaning and disinfection

The best way to clean the thermometer tip is by applying a disinfectant (e.g. 70% medical alcohol) with a damp cloth.

It shall be disinfected before each use. This thermometer can be immersed in liquid or lukewarm water for thorough cleaning and disinfection.


### Safety precautions

- Do not allow the device to come into contact with hot water.
- Do not expose to high temperatures or direct sunlight.
- Do not drop the thermometer. It is neither shock-proof nor impact-resistant.
- Do not modify this device without the authorization of the manufacturer.
- Do not clean with thinners, petrol or benzenel. Only clean with water or specified disinfectant.
- Do not use in flammable agents/oxygen rich environment.
- The thermometer contains small parts (battery, battery compartment) which can be swallowed by children. For this reason, do not leave the thermometer unattended in the hands of children.
- Avoid bending the tip by more than 45 degrees.
- If the ambient temperature is over 35°C, dip the thermometer tip in cold water for approx. 5 to 10 seconds prior to measuring the

temperature.

- Persistent fever, in particular in children, has to be treated by a doctor- please get in touch with your doctor!
- Do not use near strong electromagnetic fields, i.e. keep it away from any radio systems and mobile phones.

#### Battery replacement

The battery is empty and needs replacing when the "  " battery symbol appears on the right of the LCD. Remove the battery cover and replace it with a battery (preferably non-mercury) of the same type.

Please note: the " + " sign up and " - " sign down.

We advise you to remove the batteries if the device is not going to be used for a longer period of time.

#### Technical data

Type: maximum thermometer

Measurement range: (32.0-42.0)°C

Measurement accuracy:

+/- 0.1°C (35.5°C-42.0°C)

+/- 0.2°C (<35.5°C)

Storage/transportation temperature: (-25-55)°C, ≤95%RH

Ambient temperature during use: (5-35)°C, ≤80%RH

Atmospheric pressure: 700-1060hPa

Mode of operation of the clinical thermometer: direct mode















Transient response time: 12s

Min Scale: 0.1°C

Battery type: CR 1632, 3V, service life minimum 100 hours under continuous operation.

Weight: approx. 19.5g

#### Explanation of symbols

	Battery is empty
	WEEE disposal
Lo°C	Temperature under 32°C
Hi°C	Temperature over 42.0°C
	Type BF applied part
	Caution: read instructions (warnings) carefully
	Keep away from sunlight
	Keep in a cool, dry place
	Consult instructions for use
	Manufacturer
	Authorized representative in the European community
	Date of manufacture
	Medical Device complies with Directive 93/42/EEC
	Product code
	Lot number
	Covering Protection rate

#### Legal requirements and guidelines

This product complies with the European Directive for Medical Devices 93/42/EEC and carries the CE mark, the device also complies with the specifications of below

EN 12470-3

EN 60601-1

EN 60601-1-11

EN 60601-1-2

The CE Marking confirms that this is a medical device with a measuring function in the sense of the medical device act which has undergone a conformity assessment procedure. A Notified body confirms that this product fulfills all the appropriate statutory regulations.

#### Calibration check

This thermometer is initially calibrated at the time of manufacture. If this thermometer is used according to the operation instruction, periodic re-adjustment is not required.


The calibration check has to be carried out immediately, if there are indications that the product does not keep the defined error limits or the calibration proper ties could have been affected by an intervention or by any other means. Please also observe any national statutory regulations. The calibration check can be carried out by the competent authorities or by authorised service providers. A test instruction for calibration check can be provided to the relevant authorities and authorised services providers on request.

#### 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.

*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.*

 **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

**REF 25558 / DT-K111D**



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**CE 0197**

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