

# SENCOR®

SBT 50



EN DIGITAL THERMOMETER • USER'S MANUAL

CZ DIGITÁLNÍ TEPLOMĚR • NÁVOD K POUŽITÍ


SK DIGITÁLNY TEPLOMER • NÁVOD NA POUŽITIE

HU DIGITÁLIS HŐMÉRŐ • HASZNÁLATI ÚTMUTATÓ

PL TERMOMETR CYFROWY • INSTRUKCJA OBSŁUGI

RU ЦИФРОВОЙ ТЕРМОМЕТР • РУКОВОДСТВО ПОЛЬЗОВАТЕЛЯ

LT SKAITMENINIS TERMOMETRAS • VARTOTOJO VADOVAS

 Prior to using this product for the first time, please read the user's manual thoroughly, even in cases, when one has already familiarised themselves with previous use of similar types of products. Use the product only as described in this manual. Keep this manual for later use.

We recommend saving the original package, receipt and warranty conditions for the duration of warranty.




#### **Caution:**

Not following the instructions contained in this user's manual may lead to faulty operation of the device or its damage.


### **SAFETY INSTRUCTIONS**

- Do not expose the thermometer to direct sunlight, high temperatures, excessive humidity or dustiness. Otherwise the device may not function correctly.
- Never rinse the thermometer under running water or submerge it in water or another liquid.
- The thermometer is not resistant to shocks and impacts. Prevent it from falling.
- Do not attempt to bend the thermometer.
- Do not disassemble the thermometer (except for the removal of cover for the purpose of battery replacement) and do not perform any repairs on it.
- Measuring the temperature of children should always be performed under adult supervision.
- Keep the device and the batteries out of reach of children.

### **USING THE THERMOMETER**

1. Before first use remove the protective foil, which covers the display and the on/off button.
2. To turn on the thermometer press the  button. All the elements will appear on the display for an instant and the thermometer will beep. Then "M" (Memory) will appear on the display, signalling the recall from memory of the last measured value. After the last measured values are shown, 37 °C will light up and a self-test will be performed. Then Lo will appear on the display (if the ambient temperature is lower than 32 °C) and the measuring unit symbol °C will flash. Now the thermometer is ready for measurement.
3. Measure the body temperature. The current temperature is shown on the display during measurement and the measuring unit symbol °C will flash. The end of measurement is indicated by a sound (10 beeps). The measuring unit symbol °C will stop flashing and the highest measured value will be shown on the display. Take the thermometer out of the place of measurement. The measured value will be shown on the display until the thermometer is turned off.

#### **Note:**

4. The measurement time is approximately 30 to 60 seconds.
4. Automatic shut off will occur approximately 10 minutes after the last measurement. To extend the lifetime of the battery, we recommended that the thermometer is turned off using the  button.
5. The last measured value is automatically stored in the memory of the device. This value will appear for an instant the next time the thermometer is turned on and will automatically be erased by the next measurement.

### **MEASURING METHODS**

#### **In the mouth (oral)**

Place the tip of the thermometer on the left or right of the frenulum of the tongue. Close your mouth and breathe regularly through the nose. The tip of the thermometer must remain in the same location during the measurement and must be in constant contact with the mucous membrane. Do not drink or eat before taking a measurement.

#### **In the rectum (rectal)**


From the medical point of view this is the most accurate method for the measurement of body temperature. Carefully insert the tip of the thermometer into the rectum, however no deeper than 1.5 cm.

#### **Under the armpit (axillary)**

Place the tip of the thermometer into the deepest part of the armpit. Firmly press the arm to the body. It is important to avoid overheating the area with warm clothing or cooling the armpit before taking a measurement.

The resulting measurement of body temperature differs depending on the selected measuring method. The temperature measured in the rectum can be 0.5 °C higher compared to the temperature measured in the mouth and 0.5–1.5 °C higher compared to the temperature measured in the armpit.

### **REPLACING THE BATTERY**

- A micro-alkaline battery type LR41 (1.55 V) is used to power the thermometer. If the symbol  appears on the display, the battery is almost flat and needs to be replaced. Remove the battery compartment cover. Take out the used battery and replace it with a new battery of the same type. Respect the correct polarity when inserting the new battery. When viewing the front panel of the thermometer, the side of the battery with the "+" symbol must point downwards. Close the battery compartment cover.

### **CLEANING**

- Before first use clean the tip of the thermometer using a fine cloth dipped in a disinfectant (e.g. 70% ethanol). Clean the tip of the thermometer in the same way after each use. Do not sterilise the thermometer by boiling!
- To clean the remaining parts of the thermometer use a lightly damp fine cloth.
- Do not use thinners or solvents for cleaning.

### **STORAGE**

- If you will not be using the thermometer for an extended period of time, remove the battery.
- Store the thermometer in the protective case in a dry place out of reach of children.

**CE** 0494 This device meets the requirements of the European directive 93/42/EEC.

### COMPLIANCE WITH STANDARDS

This device complies with European standards:

EN 60601-1 Medical electrical devices – Part 1: General basic safety and necessary functionality requirements

EN 60601-1-2 Medical electrical devices – Part 1-2: General basic safety and necessary functionality requirements – Group norm: Electromagnetic compatibility – Requirements and tests

EN 12470-3 Medical thermometers – Part 3: Properties of compact electronic thermometers (with extrapolation and without extrapolation) with maximum device



The manufacturing date is marked on the rating label of the device.



The production batch number (serial number) is marked on the rating label of the device.



**Manufacturer:** Bremed Limited, Unit 1104, 11/F., Two Harbourfront, 22 Tak Fung Street, Hung Hom, Kowloon, Hong Kong, China



**Authorised representative for the EU:** COM s.n.c., Bremed Italy Division, Via Valle Inferiore 31, Todi (PG) – Italy

### TECHNICAL SPECIFICATIONS

Measuring range temperature below 32 °C temperature above 43 °C	32–43 °C Lo will appear on the display Hi will appear on the display
Measurement accuracy	±0.1 °C in the range 35.5–42 °C ±0.2 °C out of range 35.5–42 °C
Safety class for electric shock protection	Applied part type BF
Electric shock protection class	Internally powered device
Protection against damaging entry of water	IPX0
Operating mode	Continuous operation
Display	LCD
Power source	Micro-alkaline battery type LR41 (1.55 V)
Power consumption	0.15 mW in the measurement mode
Battery lifetime	min. 200 hours of continuous operation

### Glossary of technical terms

IP code:

IPX0 – The device is not protected against water penetration (no special protection).

We reserve the right to change text and technical specifications.

## WARRANTY CONDITIONS

This product is warranted for the period of 24 months from the date of purchase to the end-user. Warranty is limited to the following conditions. Warranty is referred only to the customer goods using for common domestic use. The claim for service can be applied either at dealer's shop where the product was bought, or at the authorized service shops. The end-user is obligated to set up a claim immediately when the defects appeared but only till the end of warranty period. The end-user is obligated to cooperate to certify the claiming defects. Only completed and clean (according to hygienic standards) product will be accepted. In case of eligible warranty claim the warranty period will be prolonged by the period from the date of claim application till the date of taking over the product by end-user, or the date the end-user is obligated to take it over. To obtain the service under this warranty, end-user is obligated to certify his claim with duly completed following documents: receipt, certificate of warranty, certificate of installation...

This warranty is void especially if apply as follows:

- Defects which were put on sale.
- Wear-out or damage caused by common use.
- The product was damaged by unprofessional or wrong installation, used in contrary to the applicable instruction manual, used in contrary to legal enactment and common process of use or used for another purpose which has been designed for.
- The product was damaged by uncared-for or insufficient maintenance.
- The product was damaged by dirt, accident of force majeure (natural disaster, fire, flood, ...).
- Defects on functionality caused by low duality of signal, electromagnetic field interference etc.
- The product was mechanically damaged (e.g. broken button, fall, ...).
- Damage caused by use of unsuitable media, fillings, expendable supplies (batteries) or by unsuitable working conditions (e.g. high temperatures, high humidity, quakes, ...).
- Repair, modification or other failure action to the product by unauthorized person.
- End-user did not prove enough his right to claim (time and place of purchase).
- Data on presented documents differs from data on products.
- Cases when the claiming product can not be identified according to the presented documents (e.g. the serial number or the warranty seal has been damaged).

## INSTRUCTIONS AND INFORMATION REGARDING THE DISPOSAL OF USED PACKAGING MATERIALS

Dispose of used packaging material at a site designated for waste in your municipality.

### DISPOSAL OF USED BATTERIES

Batteries contain environmentally damaging compounds and therefore do not belong in standard household waste. Take the batteries to an appropriate collection point, which will provide for their ecological disposal. You can obtain the contact for the nearest collection point from you town council or from your retailer.

### DISPOSAL OF USED ELECTRICAL AND ELECTRONIC EQUIPMENT



The meaning of the symbol on the product, its accessory or packaging indicates that this product shall not be treated as household waste. Please, dispose of this product at your applicable collection point for the recycling of electrical & electronic equipment waste. Alternatively in some states of the European Union or other European states you may return your products to your local retailer when buying an equivalent new product. The correct disposal of this product will help save valuable natural resources and help in preventing the potential negative impact on the environment and human health, which could be caused as a result of improper liquidation of waste. Please ask your local authorities or the nearest waste collection centre for further details. The improper disposal of this type of waste may fall subject to national regulations for fines.

#### For business entities in the European Union

If you wish to dispose of an electrical or electronic device, request the necessary information from your seller or supplier.

#### Disposal in other countries outside the European Union

If you wish to dispose of this product, request the necessary information about the correct disposal method from local government departments or from your seller.