

## Instructions for use



## SAFETY INSTRUCTIONS

- Do not walk, run or talk during the measurement.
- Do not allow the thermometer to fall on the floor. The thermometer is not shock-resistant or impact-resistant.
- The thermometer contains small parts (batteries etc.) that could be swallowed by children. Do not leave the device unattended with children.
- Protect the thermometer against high temperatures and direct sunlight.
- Do not open the device (except when changing the battery).
- Using the thermometer in a way that does not comply with the intended operating conditions can result in inaccurate measurements.
- The use of this device in the vicinity of mobile phones, microwaves or other devices with strong electromagnetic fields can cause malfunctions. Maintain a distance of at least three metres from such devices when using the thermometer.
- Keep the thermometer in the plastic case.

## MEASURING POINTS

### In the anus (rectal)

Carefully insert the measuring tip 1–2 cm into the anus. Minimum measuring time: 10 seconds.

### In the mouth (oral/sublingual)

For at least 10 minutes before taking the measurement, do not consume any hot or cold food and drink. Insert the measuring tip into one of the two heat pockets under the tongue to the left or right of the tongue root. Close your mouth and breathe softly through your nose. Minimum measuring time: 20 seconds.

### Under the arm (axillary)

The skin must be completely dry. Place the tip under the arm, so that it is fully in contact with the skin. The thermometer should be at right angles to the body. Place the arm across the chest, so that the tip is tightly covered. Minimum measurement time: 3 minutes.

## MEASURING THE TEMPERATURE

Press the on/off button to switch on the thermometer. A short signal tone confirms that the thermometer is switched on. At the same time, all signals on the display are illuminated as a visual functionality check. An internal test value of 36.5 °C is then displayed and the thermometer switches to measuring mode. Insert the thermometer at the relevant measuring site. During the

measurement, the flashing „°C“ symbol indicates the current temperature on the display. If the temperature increase is less than 0.1 °C within 4 seconds, a signal tone will sound. During rectal measurements, the signal tone indicates the approximate final temperature; the measurement changes only marginally after this point. By contrast, the minimum measuring time must be complied with for oral and axillary measurements. At temperatures below 37.5 °C, the normal signal tone will sound (4 long, even tones). At temperatures of 37.5 °C and higher, the fever alarm will sound (24 short tones in sets of three). Read out the measurement. The thermometer switches off automatically after approximately 10 minutes. You can also switch off the device before this by pressing the on/off button. The measured temperature is saved until the next measurement.

## RETRIEVING THE LAST MEASUREMENT

With the thermometer switched off, press and hold the on/off button for approximately 2 seconds. The last measurement is displayed together with a small “M” symbol (M = memory). When the on/off button is released, an internal test value of 36.5 °C is displayed and the thermometer switches to measuring mode.

## CLASSIFYING THE MEASUREMENTS

37.5 °C to 37.9 °C: increased temperature

38.0 °C to 38.9 °C: moderate fever

39.0 °C and higher: high fever

Rectal temperature measurements are generally 0.5 °C higher and axillary temperature measurements are 0.5 °C lower than temperatures measured orally.

**Caution: It is essential to consult a doctor in cases of high fever!**




## REPLACING THE BATTERY

If the  $\downarrow$  symbol appears after all signals have been illuminated in the functionality check, a battery replacement is required.

- Pull out the battery compartment cover from the thermometer.
- Carefully pull out the battery holder approximately 1 cm out of the housing.
- Use a non-metallic object to slide the battery out of the holder.
- Insert a new battery (type LR41 or SR41; 1.55 V) with the + symbol facing upwards.

- Slide the battery holder back into the housing and insert the battery compartment cover again. Make sure that the seal is not damaged or displaced.

## ERROR MESSAGES

-  Measured temperature is below 32.0 °C and is therefore outside of the measuring range
-  Measured temperature is above 42.9 °C and is therefore outside of the measuring range
-  Electronic fault. If the fault occurs again, contact the UEBE customer service centre.

## TECHNICAL DATA

Type:	Maximum thermometer; direct mode
Measuring points/body reference points:	Rectal, oral, axillary
Measuring range:	32.0 °C to 42.9 °C
Measuring precision:	± 0.1 °C between 35.5 °C and 42.0 °C ± 0.2 °C in other temperature ranges
Operating conditions:	Ambient temperature of 10 °C to 40 °C; relative humidity of 30 % to 85 %
Conditions for storage and transport:	Ambient temperature of -10 °C to 60 °C; relative humidity of 25 % to 90 %
Battery:	Type LR41 or SR41; 1.55 V
Battery life:	2 years
IP classification:	IP 22: protected against solid foreign bodies with a diameter from 12.5 mm, protection against dripping water

## METROLOGICAL INSPECTION

Generally, a metrological inspection is recommended every 2 years. Professional users in Germany must comply with the German Medical Device Operator Ordinance (Medizinprodukte-Betreiberverordnung). The inspection can be performed either by UEBE Medical GmbH, an authority responsible for metrology or an authorised maintenance service. Please refer to your national regulations.

## DISPOSAL

 Technical equipment and batteries do not belong in household waste. They must be disposed of at appropriate collection and disposal points.

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## CLEANING

Clean the thermometer before and after each use using a soft cloth and isopropyl alcohol diluted with water or cold soapy water.  
The device can be immersed in water or a disinfectant solution for cleaning purposes. The maximum immersion time is 30 minutes! Do not sterilise the thermometer by boiling it, using gas or in a steam autoclave.

## EXPLANATION OF SYMBOLS

 This product complies with Council Directive 93/42/EEC of 5 September 2007 concerning medical devices and bears the mark, CE 0123 (TUV SÜD Product Service GmbH).



Degree of protection against electric shock: type BF



Observe the instructions for use



Lot number/batch number



Manufacturer

## WARRANTY

During the warranty period of 3 years from the date of purchase, we remedy defects at our discretion and at our expense in our plant through repair work or replacement delivery of a defect-free device. The cost of returning the device to our factory shall be borne by the sender. Complaints that are sent back without prepayment will not be accepted by UEBE.

The warranty does not cover normal wear and tear of wearing parts or damage caused by failure to observe the instructions for use, improper handling (e.g. breakage, leaking batteries) or disassembly of the device by the buyer. Furthermore, the warranty does not constitute grounds for asserting claims for damages against us.

Warranty claims can only be advanced in the warranty period and by presenting proof of purchase. In the event of a warranty claim, the unit must be sent to the following address together with the proof of purchase and a description of the complaint: UEBE Medical GmbH, Zum Schlag 18, 97877 Wertheim, Germany.

The statutory claims and rights of the buyer against the seller (for example, defect claims, producer liability) are not restricted by this warranty.



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