④ ② ① ③

Description of this Thermometer
EN

① ON/OFF button
② Display
③ Battery compartment cover
④ Measuring sensor

Important Safety Instructions

- The instrument may be used only for measuring body temperature!
- The minimum measurement time until the beep is heard must be maintained without exception!
- Ensure that children do not use this device unsupervised; some parts are small enough to be swallowed.
- Do not use this device close to strong electromagnetic fields such as mobile telephones or radio installations. Keep a minimum distance of 3.3 m from such devices when using this device.
- Protect the instrument from impact and dropping!
- Avoid bending the tip more than 45°!
- Avoid ambient temperatures above 60 °C. NEVER boil the instrument!
- Use only the commercial disinfectants listed in the section «Cleaning and Disinfecting» to clean the instrument.
- We recommend this instrument is tested for accuracy every two years or after mechanical impact (e.g. being dropped). Please contact Microlife-Service to arrange the test.
- Do not use the device if you think it is damaged or if anything appears unusual.
- Do not store the unit under direct sunlight, at a high temperature , or in high humidity or dust.Performance may be degraded.

⚠ **WARNING:** The measurement result given by this device is not a diagnosis! Do not rely on the measurement result only.

🗑 Batteries and electronic devices must be disposed of in accordance with the locally applicable regulations, not with domestic waste.

📖 Follow Instructions for Use. This document provides important product operation and safety information regarding this thermometer. Please read this document thoroughly before using the device and keep for future reference.

⚕ Type BF applied part

Turning on the Thermometer

To turn on the thermometer, press the ON/OFF button ①; a short beep signals «thermometer ON». A display test is performed. All segments should be displayed.
Then «-- -» and a flashing «°C» appear at the display field ②. The thermometer is ready for use now.

Function Test

Correct functioning of the thermometer is tested automatically each time it is turned on. If a malfunction is detected (measurement inaccuracy), this is indicated by «**ERR**» on the display, and a measurement becomes impossible. In this case, the thermometer must be replaced.

Using the Thermometer

Choose the preferred measuring method. When taking a measurement, the current temperature is continuously displayed and the «**°C**» symbol flashes. If the beep is heard 10 times and the «**°C**» is no longer flashing, this means that the measured increase in temperature is less than 0.1 °C in 6 seconds and that the thermometer can now be read.
To prolong the battery life, turn off the thermometer by briefly pressing the ON/OFF button ①. Otherwise the thermometer will automatically turn off after about 10 minutes.

Reviewing the last Measurement

Press ON/OFF button ① for 2 seconds, when turning on the thermometer. The last measurement will be displayed together with a «**M**» for memory. After 2 seconds the thermometer will automatically switch off.

Measuring methods / Normal body temperature

▶ **In the mouth (oral) / 35.5 - 37.5 °C**
Position the thermometer in one of the two pockets under the tongue, to the left or right of the root of the tongue. The measuring sensor ④ must be in good contact with the tissue. Close your mouth and breathe evenly through the nose to prevent the measurement from being influenced by inhaled/ exhaled air.
Approx. measuring time: 30 seconds!

▶ **In the anus (rectal) / 36.6 - 38.0 °C**
This is the most reliable measuring method, and is especially suitable for infants and small children. Carefully insert the measuring sensor ④ of the thermometer 2 to 3 cm into the anal aperture.
Approx. measuring time: 30 seconds!

▶ **In the armpit (axillary) / 34.7 - 37.3 °C**
To receive more reliable results we recommend measuring temperature orally or rectally. A minimum measurement time of 3-5 minutes is recommended regardless of the beep sound.

Cleaning and Disinfecting

Use an alcohol swab or cotton tissue moistened with alcohol (70% Isopropyl) to clean the thermometer. Avoid wiping the display with Isopropyl alcohol to protect it from fading.
Please never immerse into liquids!

Battery Replacement

When the «▽» symbol (upside-down triangle) appears at the display field, the battery is flat and needs replacing. To replace the battery remove the battery compartment cover ③ from the thermometer. Insert the new battery with the + at the top. Make sure you have a battery of the same type to hand. Batteries can be purchased at any electrical store.

Technical Specifications

Type:	Maximum thermometer
Measurement range:	32.0 °C to 42.9 °C Temp. < 32.0 °C: display «-- -» for low (too low) Temp. > 42.9 °C: display «H» for high (too high)
Measurement accuracy:	± 0.1 °C between 32 °C and 42.9 °C
Operating conditions:	10 - 40 °C; 15-95 % relative maximum humidity
Storage conditions:	-25 - +55 °C; 15-95 % relative maximum humidity
Battery:	1.5/1.55 V; LR41
Battery lifetime:	approx. 4500 measurements (using a new battery)
IP Class:	IP22
IP22:	Protected against solid foreign objects of 12.5 mm diameter and greater. Protected against vertically falling water drops when the device is tilted up to 15°.
Reference to standards:	EN 12470-3, clinical thermometers; ASTM E1112; IEC 60601-1; IEC 60601-1-2 (EMC); IEC 60601-1-11
Expected service life:	5 years or 10000 measurements

This device complies with the requirements of the Medical Device Directive 93/42/EEC.
Technical alterations reserved.

Guarantee

We grant you a lifetime guarantee after the date of purchase. Any damage caused by improper handling shall not be covered by the guarantee. The battery and packaging are excluded from the guarantee. All other damage claims excluded. A guarantee claim must be submitted with the purchase receipt. Please pack your defective instrument well and send with sufficient postage to the Microlife distributor.