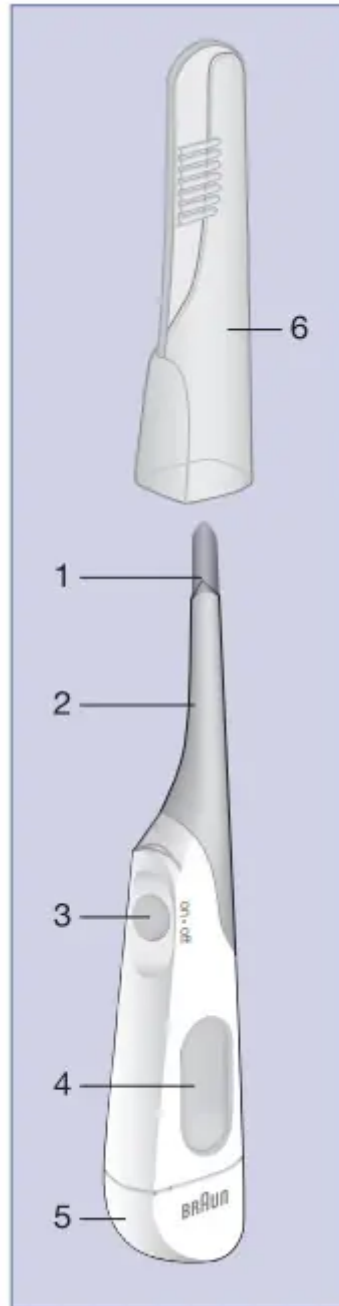


## Description



1. High-speed measuring sensor
2. Extra gentle flexible tip
3. On/off button
4. Large display
5. Battery compartment cover
6. Protective cap

Thank you for purchasing this Braun digital thermometer. This premium, high-speed, digital thermometer was developed to measure the human body temperature under the tongue, under the armpit or inside the rectum.

As with any other thermometer, proper handling and storage is necessary in order to obtain accurate readings. When used properly, this thermometer will give you years of accurate temperature readings that you can depend on. Please read the use instructions thoroughly. The use of this thermometer is not intended as a substitute for consultation with your doctor.

## Safety instructions

- This thermometer is intended for household use only.
- The thermometer is only suitable for the measurement of body temperature!
- Always adhere to the minimum measurement time (until the signaling tone [beep] is heard).
- Keep the thermometer away from children.
- Do not expose the thermometer to mechanical shock. Use the protective cap to prevent damage.
- Do not bend the tip more than 45°!
- Do not expose to temperatures above 60 °C. Never boil the thermometer! Keep the thermometer away from direct sunlight or high temperatures.
- Only use commercial disinfectants to clean the thermometer. The thermometer must be intact when immersed in liquid disinfectant.
- Attention: The thermometer contains a SR41 1,55 V battery. The battery life is associated with the lifetime of the thermometer. For your safety the battery compartment lid is securely attached to the thermometer and cannot be removed without a standard tool. For disposal, please comply with local regulations for special waste.
- The thermometer is initially calibrated at the time of manufacture. If this thermometer is used according to the use instructions, the accuracy of measurements will not be affected. If at any time you question the accuracy of the temperature measurement, please contact our support.
- Consumer Card available on our website at [www.hot-europe.com/support](http://www.hot-europe.com/support)

For support requests, please visit [www.hot-europe.com/support](http://www.hot-europe.com/support) or find service contact information on the last page of this manual.

UK only: This guarantee in no way affects your rights under statutory law.

- Manufacturing date is given by the LOT number located in the battery compartment. The first three digits after LOT represents the day of the year of manufacture. The second two digits give the year of manufacture. The last three digits are the manufacturer

designation. An example: LOT 12311ONB – This product has been manufactured on the 123rd day of the year 2011.

## Hints when measuring at different sites

### Oral use

Do not drink hot or cold fluids, exercise, smoke or perform other activities that will raise or lower temperature readings when compared to your normal body temperature. We recommend using the thermometer orally only with children four years and older. The mouth should remain closed up to 5 minutes before taking a reading. Place the probe well under the tongue. Instruct children not to bite down on the probe. Opening the mouth or improper placement of the probe tip could result in a longer measurement time. The peak temperature should be reached in approximately 20 seconds.

### Underarm/axillary use

The armpit is not an ideal site to measure body temperature, because temperature is measured on the surface of the skin and not in a closed body cavity (such as mouth and rectum). The time required for an accurate underarm temperature may therefore take 90 seconds or longer. For an accurate temperature measurement you should: Wipe the underarm with a dry towel. Keep the armpit closed for several minutes before placing the thermometer. Do not open the armpit too long before placing the thermometer. Place the thermometer under the armpit and press the arm tightly against the body. Make sure the measuring sensor is completely covered under the armpit and do not open it during the measurement process. To ensure an accurate underarm (axillar) measurement we recommend waiting 90 seconds before reading the temperature displayed. Please note that the reading obtained immediately after the beep might be compromised by the above mentioned shortcomings related to the axillar measurement site.

### Rectal use

Gently insert the tip of the thermometer into the rectum. Do not force the tip into the rectum (if resistance is encountered). The rectum is a closed body cavity and allows a faster reading.

## How to use the Braun digital thermometer

To turn on the thermometer, push the light green on/off button; a short signaling tone [beep] signals «Thermometer on». A display test is performed lighting up all symbols on the display. In an ambient temperature below 32 °C «---» and a «°C» appear and the thermometer is now ready for

use on different body sites. (In an ambient temperature higher than 32 °C, the temperature and a flashing «°C» are displayed).

- During measurement, the current temperature is displayed continuously. The «°C» symbol flashes during this period of time. The measuring process is finished when the signaling tone sounds [beep...beep...beep 10 times] and the «°C» is no longer flashing.
- To prolong the life of the battery, turn the thermometer off by pressing the on/off button briefly. Otherwise the thermometer will automatically turn off after about 10 minutes.

## Memory mode

- If you press the on/off button for more than 3 seconds when turning the thermometer on, the last measured temperature, which was stored automatically, will be displayed. At the same time, a small «M» for memory will appear at the right of the display. After 3 more seconds, this value will disappear and the thermometer will switch off. The stored value will be replaced by the new value, which is also stored automatically.

## Cleaning & disinfecting

In order to avoid cross-contamination clean the Braun digital thermometer thoroughly after usage. We recommend using commercial disinfectants. Do not immerse the thermometer in this dilution for more than 24 hours.

## Body temperature

Normal body temperature is a range. The following table shows that this normal range also varies by site. Therefore, readings from different sites should not be directly compared.

Normal ranges by site:		
Axillary:	34.7–37.3 °C	94.5– 99.1 °F
Oral:	35.5–37.5 °C	95.9– 99.5 °F
Rectal:	36.6–38.0 °C	97.9–100.4 °F

However, the range of normal also varies from person to person and fluctuates throughout the day. It is therefore important to determine your normal temperature range. Practice taking temperatures on yourself and healthy family members to determine their normal temperature ranges

## Troubleshooting

### «ERR»

Every time the thermometer is turned on a test is performed automatically to check that the thermometer is in working order. If the message «ERR» appears on the display, contact the Kaz Service Centre.

«∇»

When the «∇»-symbol appears, the battery is exhausted and needs to be disposed.

«H»

The measured temperature exceeds the displayed temperature range (>42.9 °C).

«- - °C»

The measured temperature is lower than the displayed temperature range (<32.0 °C).

## Product specifications

**IP22:** Internal components Protected from touch by fingers greater than 12 millimeters in diameter and Protected from water spray less than 15 degrees from vertical.

**Displayed temperature range** 32.0 °C to 42.9 °C

**Unit life (expected service life):** 2000 measurements.

**Battery life:** 500 measurements within 2 years

**Warranty:** 2 years

**Operating temperature** +10 °C to +40 °C

**Operating humidity** up to 85% r. h.

**Measurement accuracy** ± 0.1 °C between 35,5 °C and 42 °C body temperature at an ambient temperature of 18 °C to 28 °C

**Display** Liquid crystal display (LCD) with three digits. Smallest unit of display: 0.1 °C

**Recommended storage** –25°C to +55°C

**Battery** 1.55 V If the device is not used within specified temperature and humidity ranges the technical accuracy of the measurement cannot be guaranteed.



Type BF equipment



See instruction for use



Operating temperature



Storage temperature

Subject to change without notice.

This appliance conforms the following standards: EN 60601-1 «Medical electrical equipment» – Part 1: General requirements for safety EN 60601-1-2 «Medical electrical equipment» – Part 1-2: General requirements for safety – collateral standard: Electromagnetic compatibility – requirements and tests EN 12470-3 «Clinical thermometers» – Part 3: Performance of compact electrical thermometers (predictive and non-predictive) with maximum device MEDICAL ELECTRICAL EQUIPMENT needs special precautions regarding EMC. For detailed description of EMC requirements please contact an authorized local Service Centre.

EN 60601-1-11 Medical electrical equipment – Part 1-11: General requirements for basic safety and essential performance – Collateral standard: Requirements for medical electrical equipment and medical electrical systems used in the home healthcare environment.

Portable and mobile RF communications equipment can affect MEDICAL ELECTRICAL EQUIPMENT. ASTM Standard 1112-00 «Standard Specification for Electronic Thermometer for intermittent determination of patient temperature»

This product conforms to the provisions of the EC directive 93/42/EEC (Medical Device Directive).

This product contains batteries and recyclable electronic waste. To protect the environment, do not dispose of it in the household waste, but take it to appropriate local collection points.

### **ThermoScan ear thermometer**

For newborns and children in particular, we also recommend the Braun ThermoScan ear thermometer for a notably quick, gentle and accurate temperature measurement. The ear is an excellent site to measure body temperature, because the eardrum shares blood supply with the temperature control center in the brain. The Braun ThermoScan ear thermometer measures the infrared heat generated by the eardrum and the surrounding tissues within seconds. The brand most used by doctors\*.

#### **Warning**

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.