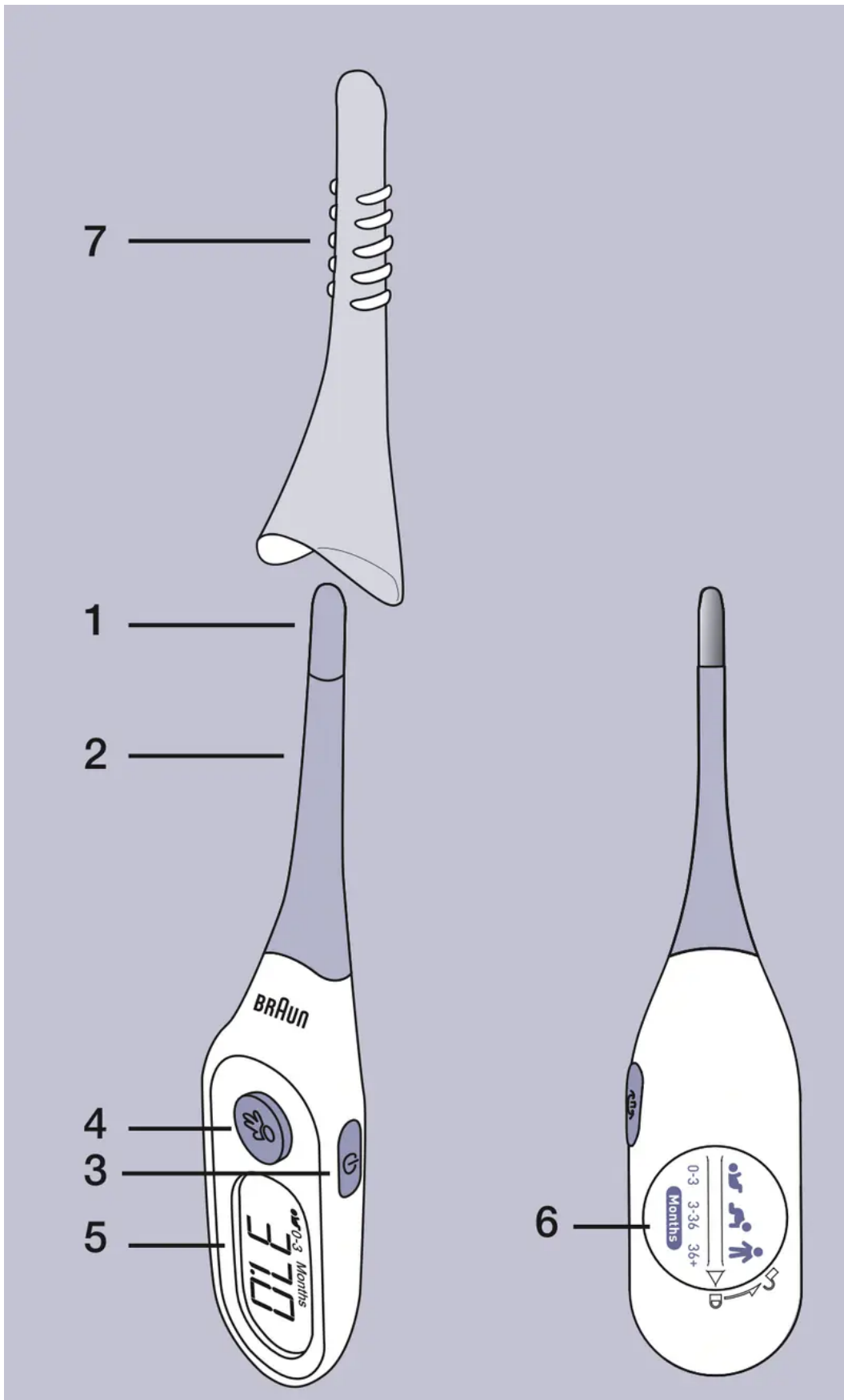


Owner Manual Thermometers



Description





1. Measuring sensor




2. Extra gentle flexible tip
3. On/Off button (side)
4. Age Precision™ button
5. Large display with colour-coded indicator lights
6. Battery compartment cover (back)
7. Protective cap

How to use your Braun Age Precision™ Thermometer

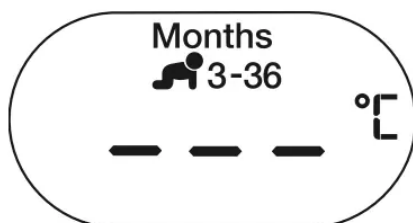
3 Simple Steps:

1. **Switch on the thermometer by pressing the On/Off button** 
 You will hear a short beep and display segment check will be performed. After the segment check, last temperature reading will be displayed for 2 seconds. Subsequently, the age icons and age range will cycle, until the Age Precision™ button is pressed.

2. **Select the age by pressing the Age Precision™ button** 
 When the Age Precision™ button is pressed, the age range icons will stop cycling, and stop on the age range icon that was showing when the button was pressed. Keep pressing the button until the desired age setting is displayed. The thermometer has 3 age settings:

- 0-3 months 
- 3-36 months 
- 36 months up to an adult 

After the age is selected, the age range icon remains steadily lit. The display will show three dashed lines and the thermometer is ready to start the measurement.



3. **Take the measurement by placing it on the measurement site.**

Once temperature rise is detected by thermometer in measurement mode, it will begin to measure.

If the thermometer doesn't measure a temperature rise, the age icon and three dashed lines will be shown until the thermometer automatically turns off.

After measurement (generally 8 seconds after temperature change is detected), the confirmation beep indicates that an accurate temperature measurement has been taken: 1 long beep for normal temperature, 10 short beeps for elevated and high temperature. The result will be shown on the display. Interpret the reading with the help of the colour-coded display that uses medical guidelines to interpret temperature based on patient's age.




Note: Users have to shut down the thermometer and start up again to take another measurement and/or change age setting. The Braun Age Precision™ Thermometer turns off automatically 20 seconds after the measurement or after 90 seconds without measurement.

Reading the measurement with Age Precision™ colour-coded display







Braun Age Precision™ colour-coded display that offers a colour indication along with the temperature readout and helps you better understand the temperature reading based on patient's age. The associated colour will display 5 sec after the temperature reading was completed.

- Green backlight indicates **Normal** temperature
- Yellow backlight indicates **Elevated** temperature
- Red backlight indicates **High** temperature

The Age Precision™ colour-coded display for interpreting of fever has been designed for use in the underarm mode only according to the table below.

Site	Age range	Green Normal temperature	Yellow Elevated temperature	Red High temperature
Underarm	 0-3 Months	35.7 – 37.3 °C	37.5 – 38.4 °C	> 37.3 °C
	 3-36 Months	35.3 – 37.4 °C	37.5 – 38.4 °C	> 38.4 °C
	 36 Months-adult	35.3 – 37.4 °C	37.5 – 39.4 °C	> 39.4 °C

If you use the thermometer in the oral or rectal mode by placing it at those sites, please do not use the display lights programmed into the thermometer for determining fever. Instead, refer to the oral and rectal tables respectively as shown below to determine if you have a fever.

Site	Age range	Normal temperature	Elevated temperature	High temperature
Oral	 0-3 Months	35.8 – 37.4 °C	37.7 – 38.5 °C	> 37.4 °C
	 3-36 Months	35.4 – 37.6 °C	37.7 – 38.5 °C	> 38.5 °C
	 36 Months-adult	35.4 – 37.7 °C	37.8 – 39.4 °C	> 39.4 °C
Rectal	 0-3 Months	36.3 – 37.9 °C	38.2 – 39.0 °C	> 37.9 °C
	 3-36 Months	35.9 – 38.1 °C	38.2 – 39.0 °C	> 39.0 °C
	 36 Months-adult	35.9 – 38.2 °C	38.3 – 39.9 °C	> 39.9 °C

Note: Due to human physiology, temperature measurements taken from different sites on the same person show variability. For example, rectal readings tend to run higher than oral as well as underarm readings taken from the same person.

Tips for Measuring at Different Sites

Under-the-arm (axillary) use

This method is used for babies and young children.

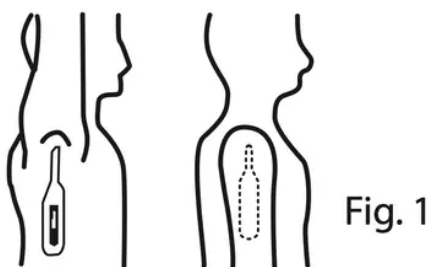
1. Wipe the underarm with a dry towel.
2. Place the probe tip under the arm so the tip is touching the skin and position the patient's arm next to the patient's body (Fig. 1).

With a young child, it is sometimes helpful to hug the child to keep their arm next to their body. This ensures that the room air does not affect the reading.

3. When the peak temperature is reached, beep signals will sound. The temperature is now confirmed.

When thermometer is removed from the measuring site, the associated colour will display.

4. Turn off the thermometer and clean as recommended below.



Oral use

This method is suitable for children who are old enough to safely keep the thermometer inside the mouth. We recommend using a universal disposable (single-use) probe cover specifically intended for stick thermometers when taking an oral measurement. Such probe covers are generally available in stores from various manufacturers.

1. It is important to place the tip of the thermometer well under the tongue on either side to get a good, accurate reading. Place sensor tip in areas marked with “√” under the tongue (Fig. 2). Keep patient's mouth closed and make him/her sit still to help ensure an accurate measurement.
2. When the peak temperature is reached, beep signals will sound. The temperature is now confirmed.
When thermometer is removed from the measuring site, the associated colour will display.
3. Turn off the thermometer and clean as recommended below.

Rectal use

Commonly used for babies, young children, or when it is difficult to take an oral or underarm temperature.

1. Lubricate the thermometer's tip with a water-soluble jelly for easier insertion.
Do not use a petroleum jelly. Read the label of the lubricant to be sure you are using the right kind.
2. Lay the patient on his/her side. If the patient is an infant, the proper position for a baby is to lay on its stomach with legs hanging down, either across your knees or at the edge of a bed or changing table. This positions the infant's rectum for safe and easy insertion of the thermometer.
3. Gently insert the tip of the thermometer NO MORE THAN 1.3 cm into the rectum. If you detect resistance, stop. Hold the thermometer in place during measurement.
4. When the peak temperature is reached, beep signals will sound. The temperature is now confirmed.
When thermometer is removed from the measuring site, the associated colour will display.
5. Turn off the thermometer and clean as recommended below.

Memory

When the thermometer is turned on, the display will show a test, after which the last measured temperature will be shown for approximately 1 second. Letter “M” will be displayed next to the temperature reading.


Changing the Temperature Scale

With power off, press and hold the "On/Off" button for about 5 seconds until "--" and a flashing "°C" or "°F" appear on screen. Release and press the "On/Off" button again to switch from the current scale to the alternate scale and release. After about 3 seconds the unit is ready for taking temperature in the chosen scale and the age range icons start to scroll.

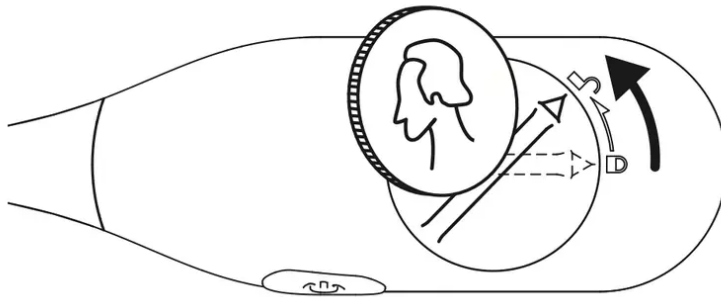
Care and Cleaning

- Clean the probe tip by washing with soap and warm water or by disinfecting with rubbing alcohol (70% isopropyl alcohol).
- Wipe dry with soft cloth.
- DO NOT BOIL OR CLEAN IN DISHWASHER. This will cause the thermometer to no longer function and will void the warranty.
- Do not wash the unit with any thinner or chemical solvent.
- Store your thermometer in a dry location, free from dust and contaminants and away from direct sunlight.

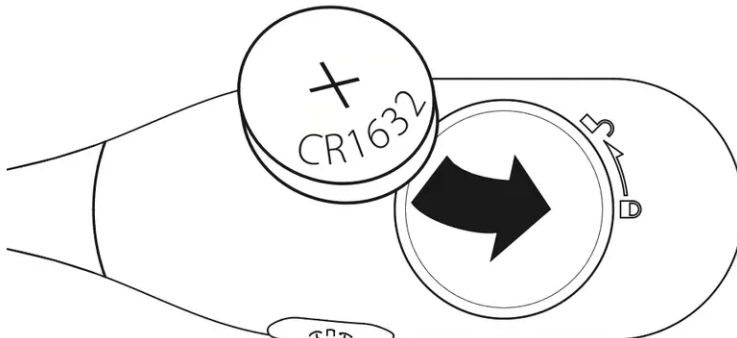
Replacing the Batteries

When the battery symbol on LCD display twinkles continually  , please replace with a new battery.

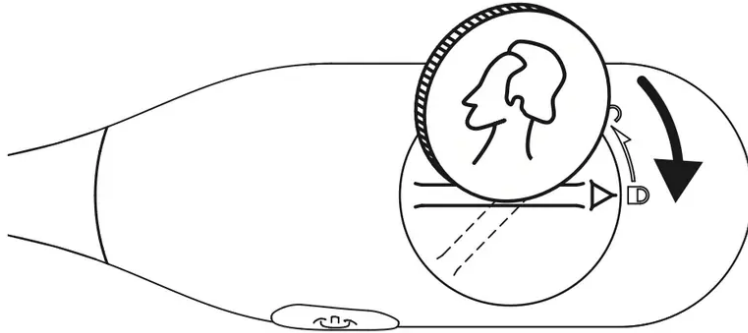
1. Insert coin into slot. Rotate door until slot is lined with UNLOCK position.



2. Replace battery.

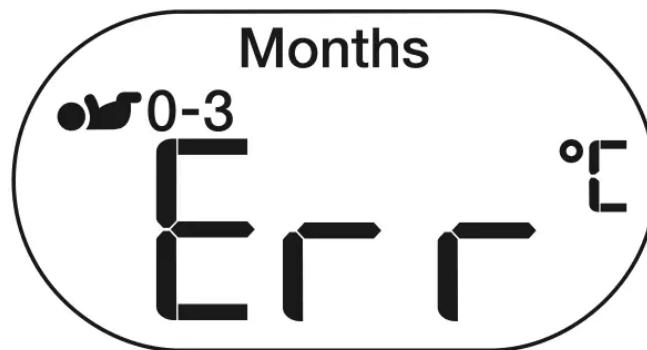


3. Rotate battery door to LOCKED position.



Errors and troubleshooting

When measured temperature is higher than 42.9 °C, LCD will display “Err °C” and relevant age icon. Red backlight stays on for 5 seconds.



When ambient temperature is out of range (see Product Specifications below) or other system errors occur such as short or broken circuit, LCD will display “Err” to indicate system error. Red backlight on for 5 seconds.



Warnings and precautions

- Your Braun Digital Thermometer is a 3-in-1 thermometer suitable for underarm, oral or rectal use. Whichever method is used, it is recommended, for 15 minutes prior to use, to avoid eating or drinking any liquids, exercising, taking showers or baths, or smoking.

- This thermometer is intended for household use only. This product is not intended to diagnose any disease, but is a useful screening tool for temperature. Use of this thermometer is not intended as a substitute for consultation with your physician.
- The Age Precision™ feature is not intended for pre-term babies or small-for-gestational age babies.
- The Age Precision™ feature is not intended to interpret hypothermic temperatures.
- Please consult your physician if the thermometer shows elevated temperature. High, prolonged fever requires medical attention, especially for young children.
- Parents/guardians should call the physician upon noticing any untoward sign(s) or symptom(s).

For example, a child who exhibits irritability, vomiting, diarrhea, dehydration, changes in appetite or activity, even in the absence of fever, or who exhibits a low temperature, may still need to receive medical attention. Children who are on antibiotics, analgesics, or antipyretics should not be assessed solely on temperature readings to determine the severity of their illness.

- Temperature elevation as indicated by Age Precision™ may signal a serious illness, especially in neonates and infants, or adults who are old, frail, have a weakened immune system. Please seek professional advice immediately when there is a temperature elevation and if you are taking temperature for:
 - Neonates and infants under 3 months. Consult your physician immediately if the temperature exceeds 37.4 °C (or 99.4 °F).
 - Patients over 60 years of age. Fever may be blunted or even absent in elderly patients.
 - Patients having diabetes mellitus or a weakened immune system (e.g. HIV positive, cancer chemotherapy, chronic steroid treatment, splenectomy).
 - Patients who are bedridden (e.g. nursing home patient, stroke, chronic illness, recovering from surgery).
 - A transplant patient (e.g. liver, heart, lung, kidney).
- Do not allow children under 12 to take their temperatures unattended.
- Do not allow children to walk or run during temperature taking.
- This thermometer contains small parts that can be swallowed or produce a choking hazard to children. Always keep the thermometer out of children's reach.
- Do not modify this equipment without authorization of the manufacturer.
- Manufacturing date is given by the LOT number located at the back of the thermometer. The first three (3) digits represent the Julian date that the product was manufactured , and the next two (2) digits represent the last two numbers of the calendar year the

product was manufactured. The last identifiers are the letters that represent the manufacturer.

- An example: 11614fam implies this product has been manufactured on the 116th day of the year 2014.
- Consumer Card available on our website at www.hot-europe.com/after-sales
- Please see last page of this manual to find the contact for the Kaz Authorized Service Center in your country.

What is new about Braun Age Precision™ Thermometer?

- Clinical research shows the definition of fever changes with age¹. For example, what is a normal body temperature in a 4-year-old may be regarded as a fever in a newborn. Braun's Age Precision™ Thermometer is an age adjustable thermometer with a colour-coded display. It uses medical guidelines to interpret temperature and takes the guesswork out of interpreting temperature for the entire family.
- Temperature readings vary depending on the site of measurement. An oral temperature is generally 0.1 °C higher than underarm (axillary) temperature and rectal temperature is generally 0.6 °C higher than underarm temperature^{1,2}.
Braun's Age Precision™ feature is optimized for underarm temperature taking.
- Temperature readings vary from person to person. The best method to determine your own normal temperature is to use the thermometer when you are feeling well. Record your reading twice a day (early morning and late afternoon). Take the average of the two temperatures. This is considered your normal body temperature. Any variation from it may indicate some sort of illness and you should consult your physician.

It is important to remember fever is a symptom, not a disease, and is just one of the many possible signs of illness. If your child exhibits signs of a serious illness, contact your physician.

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.