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Braun PRT2000

Braun Digital Thermometer with Age Precision PRT2000 User Manual

Model: PRT2000

1. Introduction

The Braun Digital Thermometer PRT2000 provides clinically proven accuracy for home use. It delivers fast and reliable temperature measurements for all family members, from infants to adults. This compact digital thermometer features a flexible tip and is suitable for oral, rectal, or underarm use, providing readings in approximately 8 seconds.
The unique Age Precision technology helps interpret temperature readings based on the user's age, providing a color-coded display for easier understanding of fever status.



Image: Braun Digital Thermometer PRT2000, showing the device with its digital display and flexible tip.

2. Package Contents

- Braun Digital Thermometer PRT2000
- Protective cap
- 1 x Lithium metal battery (pre-installed)
- Instruction Manual (this document)

3. Setup and Battery Installation

The Braun Digital Thermometer PRT2000 comes with a pre-installed lithium metal battery. No initial battery installation is required for first use.

Replacing the Battery:

1. Locate the battery compartment cover on the back of the thermometer.
2. Using a small screwdriver or coin, gently twist the cover counter-clockwise to open.
3. Remove the old battery.
4. Insert a new CR1632 lithium metal battery with the positive (+) side facing up.
5. Replace the battery compartment cover and twist clockwise to secure.

Warning: Keep batteries out of reach of children. Swallowing a battery can be fatal. If swallowed, seek medical attention immediately.

4. Operating Instructions

Powering On and Age Precision Setting:

1. Press the power button (**I/O**) to turn on the thermometer. A short beep will sound, and the display will show all segments briefly.
2. The last measurement will be displayed for 2 seconds.
3. The Age Precision icon will flash. Press the Age Precision button (**Age**) to select the appropriate age range:
    - **0-3 months**
    - **3-36 months**
    - **36+ months (Adult)**

    The selected age range will flash for 3 seconds, then the thermometer will be ready for measurement, indicated by a flashing degree symbol (°C or °F).

Taking a Temperature Measurement:

The PRT2000 can be used for oral, rectal, or underarm temperature measurement.

- **Oral Measurement:** Place the flexible tip under the tongue, as close to the heat pocket as possible. Close the mouth and hold the thermometer in place.
- **Rectal Measurement:** This method is generally recommended for infants and young children. Lubricate the tip with a water-soluble jelly. Gently insert the tip no more than 1-2 cm into the rectum. Do not force the thermometer.
- **Underarm (Axillary) Measurement:** Place the tip in the armpit, ensuring good skin contact. Hold the arm firmly against the body to keep the thermometer in place. This method is less accurate than oral or rectal measurements.

Hold the thermometer in position until the measurement is complete. A long beep will sound, and the temperature reading will be displayed. The display will also show a color-coded interpretation based on the Age Precision setting.

Interpreting Age Precision Color-Coded Display:

The display color provides an immediate indication of the temperature reading relative to the selected age range:

- **Green:** Normal temperature.
- **Yellow:** Elevated temperature.
- **Red:** High temperature (fever).

Always consult a healthcare professional if you have concerns about a temperature reading, regardless of the color indication.



Image: Thermometer showing a green display, indicating a normal temperature (e.g., 37.0°C).



Image: Thermometer showing a yellow display, indicating an elevated temperature (e.g., 38.1°C).



Image: Thermometer showing a red display, indicating a high temperature or fever (e.g., 38.8°C).

Powering Off:

The thermometer will automatically shut off after approximately 10 minutes of inactivity to conserve battery life. You can also manually turn it off by pressing and holding the power button until the display turns off.

5. Maintenance and Storage

Cleaning:

After each use, especially after rectal or oral measurements, clean the thermometer tip. Wipe the tip with an alcohol swab (70% isopropyl alcohol) or a cotton swab moistened with alcohol. You can also use a soft cloth dampened with soap and water. Do not immerse the entire thermometer in water or other liquids. Ensure the thermometer is completely dry before storing.

Caution: Do not use abrasive cleaning agents, thinners, or benzene for cleaning, as these can damage the device.

Storage:

Store the thermometer in its protective cap in a clean, dry place, away from direct sunlight and extreme temperatures. Keep it out of reach of children.

6. Troubleshooting

- **No display or weak display:** The battery may be low or depleted. Replace the battery as described in Section 3.
- **"Err" message on display:** This indicates a measurement error. Ensure the thermometer tip is properly placed and held steady during measurement. Wait a few minutes and try again. If the error persists, the device may be malfunctioning.
- **Inconsistent readings:** Temperature readings can vary based on the measurement site and technique. Ensure consistent placement and method. Oral and rectal measurements are generally more accurate than underarm.

Factors like recent eating, drinking, or physical activity can affect oral temperature.

- **Thermometer does not turn on:** Check battery installation. If the battery is new and correctly installed, contact customer support.

If troubleshooting steps do not resolve the issue, contact Braun customer service for assistance.

7. Specifications

Feature	Detail
Model Number	PRT2000EU
Power Source	1 x Lithium metal battery (CR1632)
Measurement Range	32.0 °C – 42.9 °C (89.6 °F – 109.2 °F)
Measurement Accuracy	±0.1 °C (±0.2 °F) between 35.5 °C – 42.0 °C (95.9 °F – 107.6 °F)
Measurement Time	Approximately 8 seconds (results vary by individual and method)
Display Type	LCD with Age Precision color-coding
Automatic Shut-off	Approx. 10 minutes
Dimensions (L x W x H)	2.6 x 9 x 20.4 cm
Weight	20 grams
Material	Plastic
Special Feature	Flexible tip
Connectivity Technology	Bluetooth (Note: Specific Bluetooth functionality for this model may vary or require additional setup not detailed in this manual.)
Care Instructions	Wipe clean
Certifications	ISO 13485, ISO 9001, CE 0297

8. Warranty and Support

This Braun Digital Thermometer PRT2000 is manufactured by Kaz Europe Sàrl, a Helen of Troy Company. For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official Braun Healthcare website.

Manufacturer Contact:
Kaz Europe Sàrl
A Helen of Troy Company
Route de la Chaux 4
1030 Bussigny, Switzerland

This device is a CE marked medical device (CE 0297).

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