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Braun IRT 6525

Braun ThermoScan 7 Ear Thermometer User Manual

Model: IRT 6525

Introduction

The Braun ThermoScan 7 plus ear thermometer is designed for fast, gentle, and easy temperature measurement. It features patented Age Precision Technology, which provides age-adjustable fever guidance to help interpret temperature readings. The thermometer also includes a night mode with light and a silent mode for convenient use in low-light conditions without disturbing others.

Key features include:

- Age Precision Technology for age-adjustable fever guidance.
- Night mode with light and silent operation.
- Colour-coded display for easy interpretation of results.
- Wide-angle probe for accurate measurements, suitable for newborns.



Image: Front view of the Braun ThermoScan 7 ear thermometer, showing its display with a temperature reading of 37.0°C and icons indicating age precision settings.

Product Components

Familiarize yourself with the main components of your Braun ThermoScan 7 thermometer:

1. Disposable lens filter
2. Probe tip
3. Probe
4. ExacTemp™ light
5. Lens filter ejector
6. Display
7. AgeSmart™ button

8. Night Mode button
9. Power button
10. Start button
11. Battery door (2 x 1.5V type AA/LR6 batteries)
12. Protective case



Image: The Braun ThermoScan 7 ear thermometer securely placed in its protective storage case.

Setup

Battery Installation

The thermometer comes with two 1.5V type AA/LR6 batteries. To install or replace them:

1. Open the battery compartment by sliding the battery door (10) located at the bottom of the device.

2. Insert the batteries, ensuring correct polarity (+ and -).
3. Close the battery door until it clicks securely into place.

Attaching a New Lens Filter

Always attach a new, clean lens filter before each measurement to ensure accuracy and hygiene.

1. Remove the thermometer from its protective case.
2. Push the probe tip (2) straight into a new disposable lens filter (1) inside its box.
3. Pull the thermometer out with the attached filter. The lens filter will click into place.

Note: The Braun ThermoScan will not work unless a lens filter is attached.

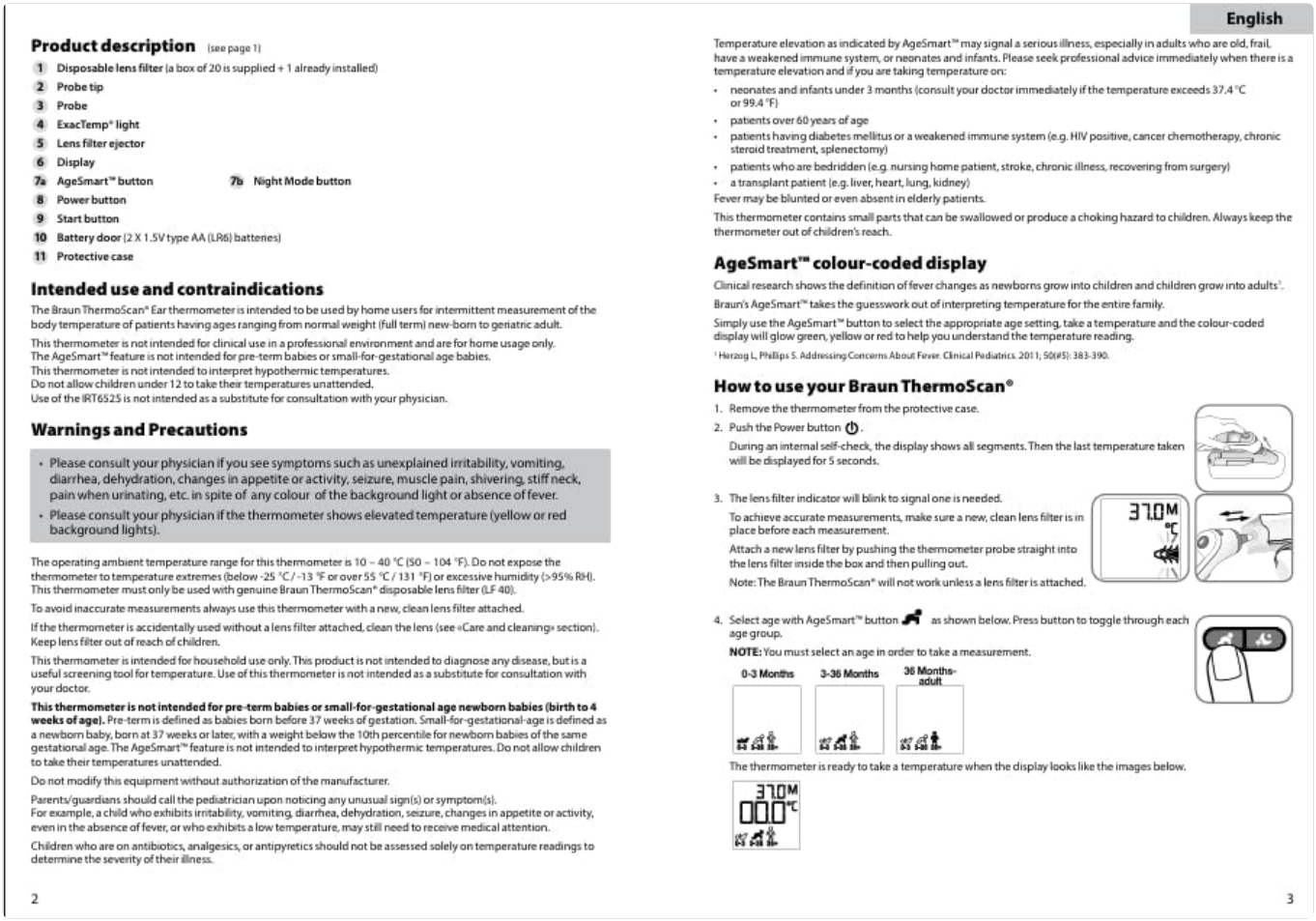
Operating Instructions

Turning On and Off

- To turn on, press the Power button (8). The display will show all segments, then the last temperature taken.
- The thermometer will automatically turn off after 60 seconds of inactivity.

Taking a Temperature

1. Ensure a new, clean lens filter is attached.
2. Select the appropriate age group using the AgeSmart™ button (7a). Press the button to toggle through age groups: 0-3 months, 3-36 months, and 36+ months.
3. Insert the probe tip snugly into the ear canal, aiming towards the opposite temple.
4. Press and release the Start button (9). The ExacTemp™ light (4) above the Start button will pulse during measurement. A long beep will signal the completion of the measurement.
5. The temperature reading will be displayed on the screen (6). The colour of the backlight (green, yellow, or red) indicates the temperature range relative to the selected age group.



English

Product description (see page 1)

1 Disposable lens filter (a box of 20 is supplied + 1 already installed)
2 Probe tip
3 Probe
4 ExacTemp® light
5 Lens filter ejector
6 Display
7a AgeSmart™ button
7b Night Mode button
8 Power button
9 Start button
10 Battery door (2 X 1.5V type AA (LR6) batteries)
11 Protective case

Intended use and contraindications

The Braun ThermoScan® Ear thermometer is intended to be used by home users for intermittent measurement of the body temperature of patients having ages ranging from normal weight (full term) new-born to geriatric adult.

This thermometer is not intended for clinical use in a professional environment and are for home usage only.
The AgeSmart™ feature is not intended for pre-term babies or small-for-gestational age babies.
This thermometer is not intended to interpret hypothermic temperatures.
Do not allow children under 12 to take their temperatures unattended.
Use of the IRT6525 is not intended as a substitute for consultation with your physician.

Warnings and Precautions

- Please consult your physician if you see symptoms such as unexplained irritability, vomiting, diarrhea, dehydration, changes in appetite or activity, seizure, muscle pain, shivering, stiff neck, pain when urinating, etc. in spite of any colour of the background light or absence of fever.
- Please consult your physician if the thermometer shows elevated temperature (yellow or red background lights).

The operating ambient temperature range for this thermometer is 10 – 40 °C (50 – 104 °F). Do not expose the thermometer to temperature extremes (below -25 °C / -13 °F or over 55 °C / 131 °F) or excessive humidity (>95% RH). This thermometer must only be used with genuine Braun ThermoScan® disposable lens filter (LF 40).

To avoid inaccurate measurements always use this thermometer with a new, clean lens filter attached.

If the thermometer is accidentally used without a lens filter attached, clean the lens (see «Care and cleaning» section). Keep lens filter out of reach of children.

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 doctor.

This thermometer is not intended for pre-term babies or small-for-gestational age newborn babies (birth to 4 weeks of age). Pre-term is defined as babies born before 37 weeks of gestation. Small-for-gestational-age is defined as a newborn baby, born at 37 weeks or later, with a weight below the 10th percentile for newborn babies of the same gestational age. The AgeSmart™ feature is not intended to interpret hypothermic temperatures. Do not allow children to take their temperatures unattended.

Do not modify this equipment without authorization of the manufacturer.

Parents/guardians should call the pediatrician upon noticing any unusual sign(s) or symptom(s).
For example, a child who exhibits irritability, vomiting, diarrhea, dehydration, seizure, 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.

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Temperature elevation as indicated by AgeSmart™ may signal a serious illness, especially in adults who are old, frail, have a weakened immune system, or neonates and infants. Please seek professional advice immediately when there is a temperature elevation and if you are taking temperature on:

- neonates and infants under 3 months (consult your doctor immediately if the temperature exceeds 37.4 °C or 99.4 °F)
- patients over 60 years of age
- 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)

Fever may be blunted or even absent in elderly patients.

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.

AgeSmart™ colour-coded display

Clinical research shows the definition of fever changes as newborns grow into children and children grow into adults[1].

Braun's AgeSmart™ takes the guesswork out of interpreting temperature for the entire family.

Simply use the AgeSmart™ button to select the appropriate age setting, take a temperature and the colour-coded display will glow green, yellow or red to help you understand the temperature reading.

[1] Herzog L, Phillips S. Addressing Concerns About Fever. Clinical Pediatrics. 2011; 50(#5): 383-390.

How to use your Braun ThermoScan®

1. Remove the thermometer from the protective case.
2. Push the Power button ⏻.
   During an internal self-check, the display shows all segments. Then the last temperature taken will be displayed for 5 seconds.
3. The lens filter indicator will blink to signal one is needed.
   To achieve accurate measurements, make sure a new, clean lens filter is in place before each measurement.
   Attach a new lens filter by pushing the thermometer probe straight into the lens filter inside the box and then pulling out.
   Note: The Braun ThermoScan® will not work unless a lens filter is attached.
4. Select age with AgeSmart™ button as shown below. Press button to toggle through each age group.
   NOTE: You must select an age in order to take a measurement.

0-3 Months | 3-36 Months | 36 Months-adult

The thermometer is ready to take a temperature when the display looks like the images below.

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Image: An adult is shown taking the temperature of a sleeping baby using the Braun ThermoScan 7 ear thermometer, demonstrating its gentle use.

Age Precision™ Colour-Coded Display

The Age Precision™ feature helps interpret temperature readings based on age. The display will illuminate green, yellow, or red to indicate the temperature status:

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

Night Mode

Night mode is activated by pressing the Night Mode button (7b). This mode features a light for easy use in the dark and a silent mode to avoid disturbing others. The display will illuminate, and all beeps will be muted.



Image: The Braun ThermoScan 7 ear thermometer is shown on a nightstand, demonstrating its suitability for use in dark environments with its illuminated display.

Last Reading Recall

The previous measurement will be displayed automatically upon startup. To recall the last reading while the thermometer is on, press the Power button (8) again. The memory in the upper right corner will update to the new reading with the first button press after the reading is completed.

Maintenance

Care and Cleaning

The probe tip is the most delicate part of the thermometer. It must be clean and intact to ensure accurate readings. If the thermometer is ever accidentally used without a lens filter, clean the probe tip as follows:

- Very gently wipe the surface with a cotton swab or soft cloth moistened with alcohol. After the alcohol has completely dried out, you can put a new lens filter on and take a temperature measurement.
- If the probe tip is damaged, please contact local service center.

- Use a soft, dry cloth to clean the thermometer display and exterior. Do not use abrasive cleaners.
- Never submerge this thermometer in water or any other liquid.
- Store ThermoScan lens filters in a dry location free from dust and contamination and away from direct sunlight.

Replacing Batteries

When the battery symbol appears on the display, it's time to replace the batteries. Follow the battery installation steps outlined in the Setup section.

Troubleshooting

If you encounter issues with your Braun ThermoScan 7, refer to the table below for common problems and solutions:

Error Message / Situation	Solution
No lens filter is attached.	Attach new, clean lens filter.
The thermometer probe was not positioned securely in the ear.	Take care that the positioning of the probe is correct and remains stable.
An accurate measurement was not possible.	Replace lens filter and reposition.
ERROR + position error animated icon	Press Start button to begin a new measurement.
Ambient temperature is not within operating range (10 – 40 °C or 50 – 104 °F).	Allow the thermometer to remain for 30 minutes in a room where the temperature is between 10 and 40 °C (50 and 104 °F).
Temperature taken is not within typical human temperature range (34 – 42.2 °C or 93.2 – 108 °F).	Make sure the probe tip and lens are clean and a new, clean lens filter is attached. Make sure the thermometer is properly inserted. Then, take a new temperature.
HI – too high	
LO – too low	
System error – self-check display flashes continuously and will not be followed by the ready beep and the ready symbol. If error persists, contact customer service.	Wait 1 minute until the thermometer turns off automatically, then turn on again. If error persists, remove the batteries and put them back in. If the problem continues, contact the Service Centre.
Battery is low, but thermometer will still operate correctly.	Insert new batteries.
Battery is too low to take correct temperature measurement.	Insert new batteries.
System error without messages or completely dead batteries	Insert new batteries. If the error persists, call customer service.

Specifications

- **Model Number:** 984956526
- **Product Dimensions:** 16.4 x 5.8 x 20.7 cm

- **Item Weight:** 310 g
- **Color:** Brown
- **Special Features:** Auto Off
- **Operating Ambient Temperature Range:** 10 – 40 °C (50 – 104 °F)
- **Storage Temperature Range:** -25 – 55 °C (-13 – 131 °F)
- **Humidity Range:** 10 – 95% RH (non-condensing)

Warranty and Support

For warranty information or technical support, please refer to the documentation included with your purchase or visit the official Braun Healthcare website. If you require assistance with troubleshooting or parts replacement not covered in this manual, please contact Braun customer service.

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