

- To clean the exterior of the product use a dry soft cloth only.
- Store the thermometer and the Disposable probe cover in a dry place free from dust and contamination, and away from direct sunlight. The ambient temperature of the storage place should remain fairly constant and within the range of -25 °C to 55 °C.
  - Use an alcohol swab or cotton swabs moistened with alcohol (70% isopropyl) to clean the thermometer casing and the measuring probe. Ensure that no liquid enters the interior of the thermometer.

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- they understand the hazards involved. Children may not play with the appliance. Cleaning and maintenance must not be carried out by children without supervision.
- These instructions are also available at [www.supporteworten.pt](http://www.supporteworten.pt)
- ### 1.1. Humidity and Water
- Do not use your appliance in humid places. Do not allow the appliance to become wet under any circumstances as this may be dangerous. To avoid fire hazard or electric shock do not expose your appliance to humidity or water. Furthermore, do not place your appliance under water (e.g. for cleaning).
- ### 1.2. Cleaning
- Before cleaning, be sure to switch off the appliance. Always allow the unit to cool down before cleaning.
- [you can trust]

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(See Fig A) should be displayed on the LCD within one second. **Calibration frequency:** If used privately no calibration is needed. For professional use it is recommended to check once a year.

- Type BF equipment.
- Product disposal instructions for electronic devices.
- The battery in this product complies with the requirements stated in European Directives 2006/66/EEC.

Reference to the standard of EN12470-5:2003 Clinical thermometers - Part 5: Performance of infra-red ear thermometers (with maximum device) and ASTM E 1965-98: Standard specification of infrared thermometers used for intermittent determination of patient temperature. The CE marking confirms that

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# BECKEN

Importado e distribuído por:  
Importado y distribuido por:  
Imported and distributed by:

Worten Equipamentos p/ o Lar S.A.  
Rua João Mendonça, n.º 505  
4464-503 Senhora da Hora - Portugal

- through incorrect use it is advisable to read these instructions thoroughly.
- Your appliance may not be used for other purposes than the ones intended and solely for household use. Any damage resulting from using the appliance outside this scope, any incorrect use, as well as any manual modifications to the product will not be covered and automatically voids the warranty.
- ### Assistance
- In case of malfunction, take your appliance to a qualified technician for assistance.
- This appliance can be used by children from the age of 8 and by people with reduced physical, sensorial or mental capabilities and/or lack of experience and knowledge if they have been given instructions on using the appliance safely and if the deterioration of your appliance
- [you can trust]

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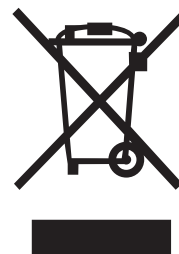
- 1. SAFETY INSTRUCTIONS**
- Warning:** To avoid the risk of electric shock, do not remove the cover. The interior does not contain any parts that can be repaired by the user. Ask for assistance from qualified personnel.
- WARNING**  
RISK OF ELECTRICAL SHOCK DO NOT OPEN
- Before using your appliance read this instructions manual carefully and keep it in a safe place as you may need to consult it in the future.
- Before turning on your appliance, and to ensure a safe and correct operation, do not use it:
- It has fallen to the ground;
  - You notice any evidence of damage;
  - Any anomaly occurs during its operation.
- To avoid hazards or deterioration of your appliance
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All users must be familiar with these instructions. Knowing what could go wrong can help prevent problems from occurring.

### 5. ENVIRONMENTAL PROTECTION

In order to protect the environment we strive to reduce the volume of packaging used, limiting it to three easily sorted materials: cardboard, paper and plastic. The appliance is manufactured using recyclable materials after disassembled by a specialized company. Please comply with local regulations concerning the recycling of all materials.



[you can trust]

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### Ear and Forehead Thermometer

Termómetro de Cabeza y Oído  
Termómetro de Testa e Ouvido

INSTRUCTIONS MANUAL

MANUAL DE INSTRUCCIONES

MANUAL DE INSTRUÇÕES

# BECKEN

## 1.3. General Precautions

- Please follow the instructions in the user manual which help to properly install and operate this product and enjoy its advanced features. Please keep the instructions for future reference.
- Read all instructions before using the product.
- Maintenance and service operations are only to be carried out by authorized professionals.
- Any damage caused by manual modifications to the product is not covered by the warranty.
- If this product is used for other purposes than the ones originally intended, or if it is not correctly connected, the product may become damaged and the warranty will be voided.
- Before measuring, the thermometer must be

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stabilized at least 30 min under operating condition.

- The forehead probe cover is needed for the forehead mode. Otherwise you will not be able to measure, and the symbol "⚠" will flash on the LCD.
- Please keep your ear canal and forehead clean, if not, the measuring result may be inaccurate.
- Please do not scratch the probe membrane. By doing that the thermometer might lose its efficiency.
- If the LCD shows no changes after pressing any button, please take the batteries out and put them in again.
- Please do not use the thermometer if your ear canal has been inflamed.
- For babies under 6 months old, the Forehead Mode is advised for higher accuracy.

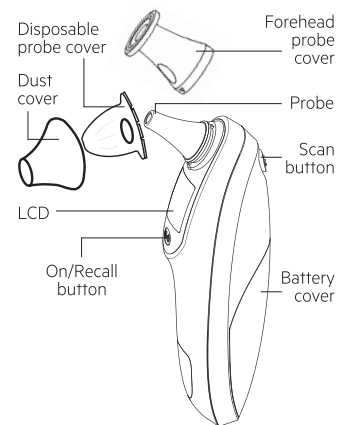
Ear and Forehead Thermometer

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## 2. OPERATING INSTRUCTIONS

### 2.1. Product Description

The infrared thermometer is an electronic thermometer that uses an infrared sensor to measure human body temperature in people of all ages. Its operation is based on measuring the natural thermal radiation emanating from the ear canal or forehead.



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## 2.2. Using the Product

**NOTE (FOR EAR MODE):** In order to avoid spreading germs, please use a new disposable probe cover for each measurement. Check to ensure the probe cover is fitted on firmly before use (please see below diagrams). If the probe cover is broken, discard it and apply a new one immediately.



**How to use (°C displays for example)**

- Press the "On/Recall" button to turn on the thermometer, a beep sound is heard and the LCD displays an image as in Fig A within one second. When the LCD displays an image as in Fig B or Fig C, it is then ready to measure.

Ear and Forehead Thermometer

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Fig. A

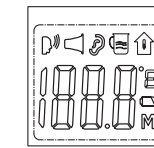


Fig. B

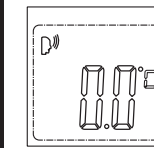
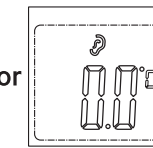


Fig. C

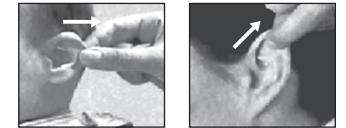


- **Ear mode:** Straighten the ear canal by pulling the outer ear up and back to give a clear view of the eardrum.
  - For children under 1 year old, pull the ear straight back.
  - For children aged 1 year up to adults, pull the ear up and back.

**CAUTION:** Many paediatricians suggest use of ear thermometers for children older than 6 months.

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## Ear mode



New born - 1 year 1 year - adult

- While pulling the outer ear, insert the probe snugly into the ear canal (best to insert deep), press the "Scan" button and then release it. When you hear a beep sound that indicates the measurement is completed, remove the thermometer from the ear. The display will show the measured temperature.
- **Forehead mode:** Put the probe vertically close to the forehead as shown in Fig D, press the "Scan" button and then release it. When you hear a beep sound that indicates the measurement is completed, remove the thermometer. The display will show the measured temperature.

Ear and Forehead Thermometer

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## Forehead mode



Fig. D

- **Measuring again:** If you want to measure again, repeat the Step 1 and Step 2 or Step 3.
  - The LCD will display "Err" as shown in Fig E and cannot display the temperature when the ambient temperature is out of the range of 10 °C to 40 °C.
- NOTE:** Before measuring, the thermometer must be stabilized at operating ambient conditions for at least 30 minutes.
- **Memory search:** Press the "on/recall" button, the last ten memories (NO10 - NO01) will take turns to be displayed on the LCD as shown in Fig F and Fig G or Fig H.

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Fig. E

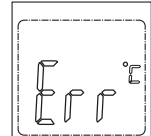


Fig. F

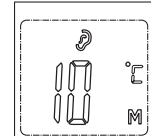


Fig. G

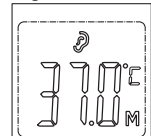
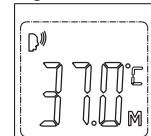
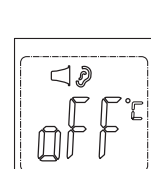
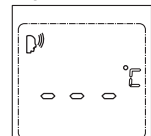


Fig. H



- **Changing measurement mode:** Press and hold the "on/recall" button until the LCD displays an image as in Fig I, then release the button. The measurement mode will change between Ear mode and Forehead mode.

Fig. I



Ear and Forehead Thermometer

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- **Shut off:** The thermometer shall automatically shut off without manipulating it within one minute. Or press the "on/recall" button until the LCD displays an image as in Fig I, and then release the button. The thermometer will shut off.

- **Changing from Celsius to Fahrenheit (only for switchable type):** To switch the display between °C and °F, turn the unit on. Press and hold the "on/recall" until the display shows an image as in Fig J or Fig K, then release the button. The unit will prepare for a measurement.

Fig. J

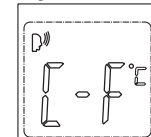
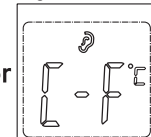


Fig. K



## Replacing the batteries

- When the voltage of the batteries is low, the LCD will display the symbol "⚠" please

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replace by two new batteries and insert them in the unit. The thermometer cannot work accurately under low voltage conditions.

- The thermometer is supplied with two 1.5 V Alkaline Batteries (AAA). Insert the new batteries when the low voltage symbol appears on the LCD.
- Remove the battery cover, hold the top of the battery cover with your index finger, and hold the bottom of the cover with your thumb, then pull back. Take out the battery with a tool, such as a tweezer.
- Place two new batteries according to the "+" or "-".
- The disposal of the probe cover, battery and device shall comply with the local environment requirements.
- Please take out the batteries to avoid them from leaking if

Ear and Forehead Thermometer

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the unit is not used for over 3 months.

## 3. TECHNICAL SPECIFICATIONS

### Range of displayed temperature:

**Ear mode:** 34.0 °C~44.0 °C (93.2 °F~111.2 °F)

**Forehead mode:** 32.0 °C~42.9 °C (89.6 °F~109.2 °F)

Display **Lo** when the temperature is lower than the displayed temperature range. Display **Hi** when the temperature is higher than the displayed temperature range.

**Operating ambient:** Temperature: 10 °C~40 °C (50.0 °F~104.0 °F)

Humidity: ≤85% RH

**Storage and transport condition:**

Temperature: -25 °C to 55 °C (-13 °F to 131 °F)

Humidity: ≤93% RH

**Display resolution temperature range:** 0.1 °C (0.1 °F)

**Accuracy:**

**Ear mode:** ±0.2 °C (35.0 °C~42.0 °C);

±0.4 °F (95.0 °F~107.6 °F); ±0.3 °C (<35.0 °C / >42.0 °C); ±0.5 °F (<95.0 °F / >107.6 °F)

**Forehead mode:** ±0.3 °C (32.0 °C~42.9 °C);

±0.5 °F (89.6 °F~109.2 °F)

**Display:** liquid crystal illuminated display, 3 ½ digits

**Temperature value:** displays the maximum temperature in measuring process

**Temperature unit:** Centigrade or Fahrenheit

**Display of memory:**

last ten memories

**Low voltage warning:**

the LCD display "⚠" and then a beep sound is heard

**Power consumption:** ≤30 mW

**Battery:** two 1.5 V alkaline batteries (AAA)

**Battery life:** 4000 takes

**Dimension:** 134 mm x 34 mm x 70 mm

**Net weight:** 74 g

**Beeper sign:** on/off, measurement completion and low voltage warning, etc.

**Self-check test:** Press the "on/recall" button to turn on the thermometer and all symbols

Ear and Forehead Thermometer