



Infrared Ear Thermometer BVIFEARTHMA

Please read these instructions carefully before use.

The ear thermometer is a device capable of achieving infra-red temperature measurement when placed in the auditory canal of a subject. It is a completely safe and non-invasive method of measuring human body temperature.

Specification

The standard adopted is EN12470-5:2003 Clinical thermometers -- Part 5: Performance of infra-red ear thermometers (with maximum device).

This device complies with the requirements of IEC 60601-1, IEC 60601-1-11 and IEC 60601-1-2.

Range of displayed temperature: 34.0°C ~ 44.0°C

Display L°C when the temperature is under 34.0°C

Display H°C when the temperature is over 44.0°C

Ambient operating temperature:

Temperature: 16°C ~ 35°C

Humidity: ≤85%RH

Storage temperature:

Temperature: -25°C ~ 55°C

Humidity: ≤85%RH

Display display resolution: 0.1°C

Accuracy: ±0.2°C (when between 35.5°C and 42.0°C)

Display: liquid crystal display

Power consumption: ≤30 mW

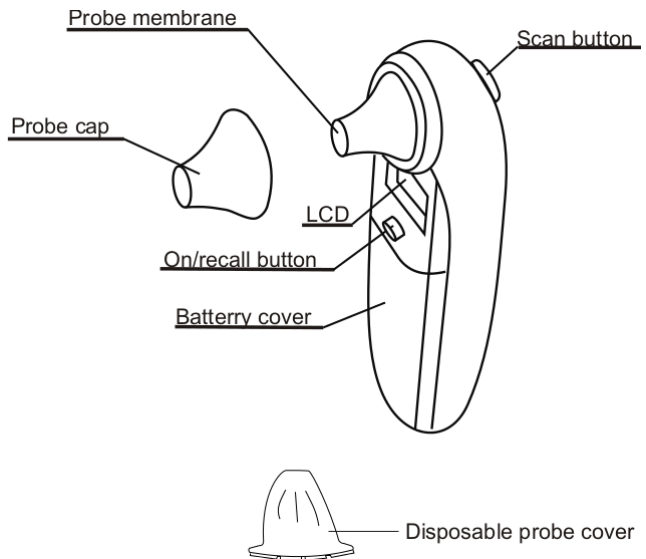
Battery: AAA x 2

Battery life: 4000 measurements


Dimension: 134mm x 37mm x 67mm

Weight: Approx 74g

Self-testing Sequence: Press the "On/Recall" button to turn the thermometer on, and all symbols should appear on the LCD screen.

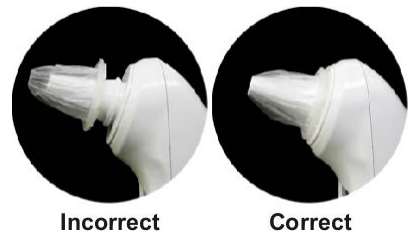


Safety Warnings

- Before use, the thermometer should be left to adjust to the ambient room temperature for at least 30 minutes.
- Ensure you are using new disposable ear probes for each measurement.
- Please clear your ear canal prior to taking a measurement if possible.
- When the symbol  appears on the LCD screen, it is ready to measure your ear.
- Please don't scratch the probe membrane, as the thermometer will lose accuracy.
- If the thermometer becomes unresponsive, please take the batteries out, then put them back in again.
- If your ear canal has inflammation, please don't use the thermometer.

Note:

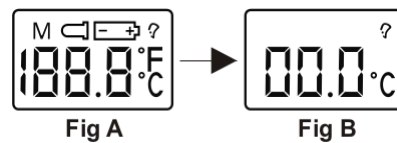
- In order to avoid spreading germs, please use a new disposable probe cover each time.
- Check to ensure the probe cover is firmly in place before use (as shown to right). If the probe cover is broken, discard then apply a new one immediately.



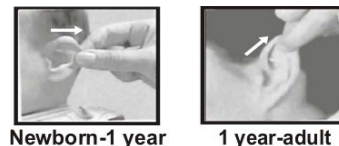
Usage

Measuring human body temperature in the Ear Canal

1. Press the 'On/Recall' button to turn the thermometer on. A beep sound will be heard, and the LCD displays as shown in Fig A. After a short moment, the screen will display as shown in Fig B.



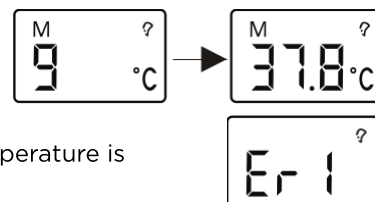
2. Straighten the ear canal by pulling the outer ear up and back to give a clear view of the eardrum.
 - For children under 1 year of age, pull the ear straight back.
 - For children aged above 1 year to adults, pull the ear up and back.



3. While pulling the outer ear, insert the probe snugly into the ear canal (best to insert moderately deeply), press the 'Scan' button, then release it. When you hear a beep sound, the measurement is complete. Remove the thermometer from the ear and the temperature will be shown on the LCD screen.

4. **Measuring again:** if measuring again, please release the 'Scan' button and wait for the ? symbol to display. You can then press 'Scan' to measure again. Please ensure that the time between measurements is longer than 1 minute.

5. **Memory search:** Press the 'On/Recall' button, and the last ten measurements (NO.9 - NO.0) will display in turn on the LCD screen, as shown to right.

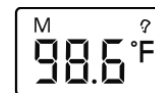


6. The LCD will display "Er 1" as shown to right, when the ambient temperature is outside of the ambient temperature range.

7. **Shut Off:** the thermometer will turn itself off automatically if there is no operation for one minute.

Changing from Celsius to Fahrenheit

To switch displays between celsius and fahrenheit, turn the unit on, then press and hold the 'On/Recall' button for 3 seconds. The display will then show in fahrenheit and you can take a measurement.



Cleaning and Storage

- Store the thermometer and the disposable probe covers in a dry location, free from dust and contamination, and away from direct sunlight. The ambient temperature at the storage location should remain fairly constant.
- Use an alcohol swab or cotton swab moistened with alcohol (70% Isopropyl) to clean the thermometer casing and the measuring probe. Ensure that no liquids enter the interior of the thermometer.
- Never use abrasive cleaning agents, thinners or detergents for cleaning, and never immerse the instrument in water or other liquids. Take care to not scratch the surface of the probe membrane or display.

Replacing Batteries

When the voltage of the batteries are low, the LCD will display the [Battery Icon] symbol. When this shows, please replace the batteries as soon as possible, as the thermometer will not operate accurately.

- Remove the battery cover and take out the old batteries.
- Place two new batteries into the battery compartment according to the + and - markings.
- Replace the battery cover.
- If you are not planning on using the thermometer for an extended period of time, please take the batteries out of the unit to avoid leakage.

User manual is subject to change without notice. For the latest version of your user manual, please visit <https://www.kogan.com/usermanuals/>