

Ear Infrared Thermometer

CE
1023



User Manual

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1. Package Contents

This package includes:

- Infrared ear thermometer 1PC
- Hard storage case 1PC
- User manual 1PC

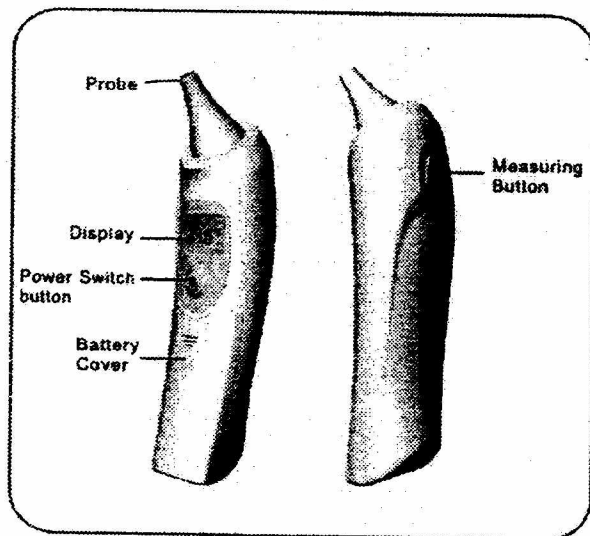
2. Product Overview

This infrared ear thermometer measures temperature from the ear canal, producing a quicker and more accurate result.

This product has the following advantages:

- 1) Easy to clean probe
- 2) Measurement speed and accuracy
- 3) Convenient, one-button operation
- 4) 12 memory recall
- 5) Automatic display of last measurement when you turn on the power.
- 6) Voice function:
 - a. When the IR thermometer is ready, you will hear "please measure" spoken.
 - b. When the measurement is finished, the IR thermometer will speak the measured temperature.

3. Outline Drawing



4. The Definition of Symbols

8888	Reading Display
?	Ear Measuring mode
°C	Celsius Scale
°F	Fahrenheit Scale
	Low Battery
M	Last memory

5. Measuring

1) Measurement Mode

- Remove the hard cover from the ear probe. Press the Power button to turn the unit on. All display icons briefly

appear on the LCD screen. (See Figure 5.2) The last temperature measurement will then be displayed. (Figure 5.3) When °C or °F blink, the unit is ready to measure. (Figure 5.4)

- Insert the IR thermometer into the ear canal as shown in Figure 5.1. Tug on the ear slightly to straighten the ear canal. Then insert the probe into the ear as far as it goes. Do not press forcefully. Be sure the probe fully seals the ear canal. Hold this position until the measurement is completed.
- Press the Measuring button on the back of the unit and wait 1 second until you hear a long beep. This indicates that the measurement is finished. The new result is spoken and appears on the display screen.
- Remove the IR thermometer from the ear and read the result on the display screen. The device will automatically power off if not used again within 30 seconds.

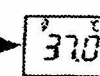
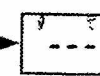


Figure 5.1 Figure 5.2 Figure 5.3 Figure 5.4 Figure 5.5

- 2) Switching between Celsius and Fahrenheit
 - a. While the unit is turned off, press and hold the SCAN button for 5 seconds until the display screen shows "___" and °C or °F blink. Press the SCAN button again to toggle between °C and °F.

3) Memory Recall

- a. 12 Memory recall
- b. While the unit is turned off, press the SCAN button to display "___ M" on the display screen. Memory recall then displays.
- c. Press the measuring button again to display the previous memory. Press the button again for earlier measurements.
- d. Press the Power button to exit the memory recall mode and to return to measuring mode.

6. Battery Voltage Display and Replacement

- 1) Low Battery: This display on the screen if battery power is low. Please change batteries at this time. You should be able to continue to use the batteries for a little while longer. (Figure 6.1)

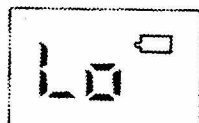


Figure 6.1

- 2) To replace the batteries
 - a. This device uses 2 AAA batteries
 - b. Open the battery cover and remove old batteries.
 - c. Insert 2 new AAA batteries, following the battery alignment markings.

7. Operation Precautions

- 1) Be sure batteries are inserted and in the proper direction before using the device.
- 2) Clean the ear probe after each use by gently wiping the probe with rubbing alcohol.
- 3) Do not touch the tip of the ear probe with your finger.
- 4) Store the thermometer in a dry place and never immerse it in water or other liquids.
- 5) Keep the thermometer out of direct sunlight and away from high heat.
- 6) Keep the thermometer away from sharp objects.
- 7) Do not disassemble the thermometer.
- 8) Do not use the thermometer if you have an ear infection or if the ear canal is wet.
- 9) To obtain the best measurement, first clean the ear of any excess wax.
- 10) Measure your temperature in a relaxed state. Do not take your temperature directly after exercise or bathing. Wait at least 30 minutes before measuring.
- 11) Do not have your mobile phone near the device while measuring to avoid an interference.

8. Precaution for Measuring Temperature

Description	Meaning
H _i	Measuring temperature over 42.9°C (109.22°F)
L _o	Measuring temperature lower than 33.0°C (91.4°F)
Err	Environment temperature high than working temperature 10.0°C-40.0°C (50.0°F-104.0°F)

9. Product Specification

Measuring Range	34.0°C-43.0°C (93.2°F-109.4°F)
Accuracy	±0.3/0.5°C 34.0°C-34.9°C (93.2°F-94.82°F) ±0.2°C/0.4°C 35.0°C-42.0°C (95.0°F-107.6°F) ±0.3°C/0.5°C 42.1°C-43.0°C (107.78°F-109.4°F)
Resolution	0.1°C/0.2°F
Operation Condition	10.0°C-40.0°C (50.0°F-104.0°F) Rh ≤ 80%
Storage Condition	-25.0°C-55.0°C (-13.0°F-131.0°F) Rh ≤ 95%
Battery	AAA 2pcs
Size(body)	L145*W35*H40mm
Weight	78g (including battery)

Range of body Temperature

Body temperature means internal temperature of body. Normal temperature means that of healthy person and has little change within short range. Temperature of a person measured at evening is normally 0.5°C higher than early morning and also affected by environment, time

and activeness. Below chart shows average of normal changes. Refer to it to find out the personal-normal temperature-range.

Normal temperature range by each part of body

Armpit	34.7-37.3°C (94.5-99.1°F)
Mouth	35.5-37.5°C (95.9-99.5°F)
Rectum	36.6-38.0°C (97.9-100.4°F)
Ear	35.8-38.0°C (96.4-100.4°F)

Normal temperature by age

0-2age	36.4-38.0°C (97.5-100.4°F)
3-10age	36.1-37.8°C (97.0-100.0°F)
11-65age	35.9-37.6°C (96.6-99.7°F)
Above 65age	35.8-37.5°C (96.4-99.5°F)

Limited warranty

This Infrared thermometer is guaranteed for 1 year from the purchasing date under normal use. The warranty does not cover the damage of improper use or the battery running out. If the unit does not function properly due to defective parts or assembly, we will repair it free of charge or replace with a new one.

LS&S, LLC
145 River Rock Dr
Buffalo, NY 14207-2172

MADE IN CHINA
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