

EAR THERMOMETER

ET005

NOTE:
You must read this instruction manual completely before use and follow all instructions. Keep the instructions for later use. You must check the device functions according to this instruction manual prior to each use and only use this device if it is in proper working condition.

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I. Features
1. Special design to take the Human Body Temperature from forehead and earborms.
2. Reliable and stable measurement, and easy to use.
3. LED digital display screen with white color.
4. Temperature unit can be displayed in either Celsius or Fahrenheit.
5. Automatic power-off (<30 secs) to conserve energy.

II. Indication for Use
The Ear Thermometer is intended for the intermittent measurement of body temperature from the auditory canal or central forehead skin surface on people of all ages. It should be used by consumers in the household environment as by healthcare providers.

III. Warnings and Precautions

- Keep the product out of reach of children and newborns. Avoid small parts falling off and being swallowed.
- Never use the thermometer for purposes other than those it has been intended for.
- The thermometer shall not be serviced or maintained while in use with a patient.
- The patient is an intended operator. The patient can use and maintain the device and its accessories according to this manual.
- The thermometer and accessories are to be disposed of according to local regulations after their service lives. Alternatively, they can be returned to the dealer or the manufacturer for recycling or proper disposal.
- No modification of this thermometer is allowed.
- The thermometer is not suitable for use in an OXYGEN RICH ENVIRONMENT.
- This device may be used for professional purposes or for personal home use.
- Do not expose this thermometer to electric shocks.
- The protective glass over the lens is the most fragile part of the thermometer. Do not touch the glass of the infrared lens with your fingers.
- Do not use the thermometer if there are signs of damage on the measuring sensor or on the instrument itself. If damaged, do not attempt to repair the instrument!
- Please do not immerse the thermometer into water or other liquids (not waterproof). For cleaning and disinfecting, please follow the instructions in the "Cleaning and Disinfection" section.
- The thermometer consists of high-quality precision parts. Do not drop the instrument. Protect it from severe impact and shock. Do not touch the instrument or the measuring sensor.
- Please consult your doctor if you see symptoms such as unexplained irritability, vomiting, diarrhea, dehydration, changes in appetite or activity, seizure, muscle pain, shivering, a stiff neck, pain when urinating, etc., even in the absence of fever.

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• Clean the thermometer probe after each use.
• Do not use the thermometer on newborns or for continuous temperature monitoring purposes.

• Do not take a measurement while or immediately after nursing a baby.

• Patients should not drink, eat or be physically active before/while taking the measurement.

• Avoid using with cell phones, electrocautery and MRI equipment, etc.

• Do not use the thermometer if the ear is infected with otitis or suppurative.

• The thermometer shall not be used shortly after exercise, bathing or coming out of the shower.

• The device should not be used to manage important health concerns.

• Patients should not rely only on temperature readings; if they have concerns they should seek medical advice.

IV. Operating Principle

Ear temperature: Ear tympanic blood vessel connects with the hypothalamus, which is the temperature control center of the human body; therefore, it can measure the ear tympanic temperature. It can figure out the accurate body temperature of human being. The thermometer is such a product to detect body temperature of human being by means of temperature taking on ear tympanic through infrared sensor.

• Keep the thermometer away from direct exposure to the sun and keep it in a dust-free, dry area well-ventilated place at a temperature between 10°C (50°F)~40°C(104°F). Do not use the thermometer in high humidity environments (>85% RH).

• Do not use the thermometer if there are signs of damage on the measuring sensor or on the instrument itself. If damaged, do not attempt to repair the instrument!

• Please do not immerse the thermometer into water or other liquids (not waterproof). For cleaning and disinfecting, please follow the instructions in the "Cleaning and Disinfection" section.

• The thermometer consists of high-quality precision parts. Do not drop the instrument. Protect it from severe impact and shock. Do not touch the instrument or the measuring sensor.

• Please consult your doctor if you see symptoms such as unexplained irritability, vomiting, diarrhea, dehydration, changes in appetite or activity, seizure, muscle pain, shivering, a stiff neck, pain when urinating, etc., even in the absence of fever.

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• Before and after each use, the thermometer should be cleaned according to the requirement of this manual to avoid possible bacterial infections.

• Do not put this product in the place with direct sunlight, high temperature, high humidity, excessive dust, or the place where it may contact with corrosive gas or liquid, and do not use this product in the above environment.

• The thermometer shall not be used shortly after exercise, bathing or coming out of the shower.

• The device should not be used to manage important health concerns.

• Patients should not rely only on temperature readings; if they have concerns they should seek medical advice.

• Clean the thermometer probe after each use.
• Do not use the thermometer on newborns or for continuous temperature monitoring purposes.

• Do not take a measurement while or immediately after nursing a baby.

• Patients should not drink, eat or be physically active before/while taking the measurement.

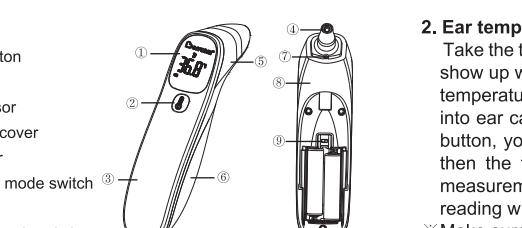
• Avoid using with cell phones, electrocautery and MRI equipment, etc.

• Do not use the thermometer if the ear is infected with otitis or suppurative.

• The thermometer shall not be used shortly after exercise, bathing or coming out of the shower.

• The device should not be used to manage important health concerns.

• Patients should not rely only on temperature readings; if they have concerns they should seek medical advice.



2. Ear temperature measurement
Put the thermometer cover on the ear, then the screen will show up with the sign of ear "②", which is for ear temperature mode. Pull the ear edge, insert the probe into ear canal, point to the eardrum. Press the "②" button, you will get the measuring result in 1 second, then the thermometer will beep to indicate that the measurement has been completed. The temperature reading will be displayed on the screen.

Make sure the probe aims at the eardrum when insert it into the ear canal; otherwise, the result will inaccurate. (See below figures)

Note:
A 10-second interval is allowed between two measurements.
3. Forehead Temperature measurement
Put the thermometer cover on the forehead, then the screen will show up with a sign of forehead like "③", which means forehead temperature mode. Press the "③" button, you will get the measuring result in 1 second, then the thermometer will beep to indicate that the measurement has been completed. The temperature reading will be displayed on the screen.

Make sure the probe aims to the central forehead with ideal distance 0-3cm during testing. (See below figure)

Note:
• If 37.5°C~T=42.9°C, the thermometer will display the reading with 5 times short beeps warning that you may have a high temperature.

• If T>42.9°C, display "—", and no beep sound.

Disinfection

1. Use 75% ethyl alcohol swab or cotton swab moistened with 95% ethyl alcohol to disinfect the thermometer casing and the measuring probe about 30 seconds.
2. Repeat the above steps at least 3 times, then wipe surface and probe dry with a clean cloth, and wait about 1 minute for drying after disinfection process.

Notes

- Ensure that no liquid enters the interior of the thermometer.
- Never use abrasive cleaning agents, thinner or benzene for cleaning and never immerse the Thermometer in water or other cleaning liquids.
- Take care not to scratch the surface of the probe lens and the sensor.
- If the visual inspection identifies unacceptable deterioration such as corrosion, discoloration, pitting, cracking, then the device should stop to use and discard.
- If the probe tip is damaged, please use a new probe.
- Please visually inspect the thermometer to determine if there is stain or oil on the casing or probe after each use, and follow the instruction of cleaning and disinfection to cleaning your thermometer.

X. Care and Maintenance

- Please clean the thermometer regularly, usually once a month.
- Remove any stains on the body with a soft and dry cloth.
- Gently wipe the dirt on the body with a soft cloth, use a cotton swab or soft cloth stained with alcohol, and gently wipe the lens of the temperature measuring head. After using the product, the product can be disinfected with 95% medical alcohol on the soft towel or cotton swab.

Cleaning:

1. Use a cotton swab moistened with hot-water or neutral detergent to throughout the casing of thermometer and measuring probe to removal of stain or oil.
2. Visual inspection the thermometer after cleaning process; ensure there is no soil or stain is seen, if the device is determined not to be visually clean at the end of the

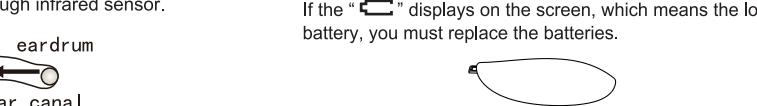
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Packaging items:
1 Ear thermometer 1pc
1 User manual 1pc

VI. Replace the Batteries

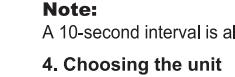
Slide the battery cover off along the marked direction. Put two AAA batteries correctly into the compartment. Remove the batteries if the thermometer will not be used for more than two months.

If the "—" displays on the screen, which means the low battery, you must replace the batteries.



Ear Thermometer
measures the infrared heat generated by the eardrum and surrounding tissues

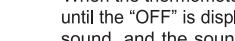
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Forehead Temperature
The infrared sensor receives the heat energy generated by artery blood, the device figures out the precise body temperature of human being.

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VII. How to Use Your Thermometer

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6. Power on
Press the "①" button 5 seconds to switch off device.

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The device turn off automatically after 30 seconds of inactivity.

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7. Read your temperature

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T indicates a temperature reading. In forehead or ear temperature mode.

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• If T=32°C, the device will display "—", and no beep sound.

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• If 32°C<T=37.4°C, the LED displays the reading, and beeping for one time.

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8. Storage and shipping condition

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• Temperature range: 32.0°C~42.9°C (89.6°F~109.2°F)

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• Accuracy: 32.0°C~34.9°C (95.6°F~100.2°F) ±0.3°C(±0.5°F)

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• Clinical repeatability: 0.2°C(0.4°F)

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• Measurement time: 1 second

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• Display mode: LED screen

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• Display resolution: 0.1°C(0.1°F)

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• Automatic power-off: less than 30 secs

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• User weight (include battery): 80g

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• Expected Service Life: 5 year

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• IP Class: IP22

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• Normal using condition: 10°C~40°C (50°F~104°F)

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• Relative humidity: <85%RH, noncondensing

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• Storage and shipping condition: 10°C~40°C (50°F~104°F)

24

• Relative humidity: <85%RH, noncondensing

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XVI. WARRANTY/SERVICE

In accordance with our policy of continued product improvement and subject to the regulations and rules, we reserve the right to make technical and optical adjustments without notice.

Warranty and repair terms

Please contact your dealer or service centre in case of a claim under the warranty. If you have to return the following warranty terms apply:

1. The warranty for your product is 18 months from date of purchase. In case of a warranty claim, the date of purchase has to be proven by means of the sales receipt or invoice.
2. Defects in material or workmanship will be removed free of charge within the warranty period.
3. Repairs under warranty do not extend the warranty period either for the thermometer or for the replacement parts.

4. The following is excluded under the warranty:

- a. All damage which is due to normal use of the thermometer, e.g. nonobservance of the user instructions.
- b. All damage which is due to misuse or tampering by the customer or unauthorised third parties.
- c. Damage which has arisen during transport from the manufacturer to the consumer or during transport to the service centre.
- d. Accessories which are subject to normal wear and tear.
- e. Liability for direct or indirect consequential losses caused by the thermometer is accepted as a warranty claim.

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