

Yuwell YHT101

Yuwell YHT101 Infrared Ear Thermometer User Manual

Model: YHT101

1. INTRODUCTION AND OVERVIEW

Thank you for choosing the Yuwell YHT101 Infrared Ear Thermometer. This device is designed for accurate and rapid temperature measurement via the ear canal. It provides a quick reading in just one second and features a clear, color-coded display for easy interpretation of results. The thermometer also includes a memory function to store up to 60 readings and an automatic shutdown feature to conserve battery life. Please read this manual thoroughly before using the device to ensure safe and correct operation. Keep this manual for future reference.



Figure 1: Yuwell YHT101 Infrared Ear Thermometer. This image displays the thermometer from an angled view, highlighting its ergonomic design and the digital screen showing a temperature of 36.8°C.

2. SAFETY INFORMATION

Important Safety Precautions:

- Do not use the thermometer for purposes other than measuring human body temperature in the ear.
- Keep the device out of reach of children and pets. Small parts may be a choking hazard.
- Avoid dropping the thermometer or subjecting it to strong impacts.
- Do not expose the thermometer to direct sunlight, extreme temperatures, high humidity, or dust.
- Never immerse the thermometer in water or other liquids.
- Do not attempt to disassemble or repair the device yourself. Contact authorized service personnel for

assistance.

- Ensure the ear canal is clean and free of obstructions before taking a measurement.
- Consult a healthcare professional if you have concerns about temperature readings or your health.

3. PRODUCT COMPONENTS

The Yuwell YHT101 Infrared Ear Thermometer package typically includes:

- Yuwell YHT101 Infrared Ear Thermometer unit
- User Manual (this document)
- Storage case (may vary by package)
- Batteries (often included, check packaging)


4. SETUP

4.1 Battery Installation

The Yuwell YHT101 thermometer is battery-powered. To install or replace batteries:

1. Locate the battery compartment cover, usually on the handle or back of the device.
2. Slide or unclip the cover to open the compartment.
3. Insert new batteries (typically 2x AAA, check markings inside the compartment) according to the polarity indicators (+ and -).
4. Close the battery compartment cover securely.

4.2 Powering On and Unit Selection

After installing batteries, press the power button (usually marked with ) to turn on the thermometer. The device will perform a self-test, and the display will show the last reading or be ready for a new measurement.

To switch between Celsius (°C) and Fahrenheit (°F):

- With the device powered off, press and hold the power button for approximately 3-5 seconds until the unit changes on the display.
- Release the button when your desired unit is shown.

5. OPERATING INSTRUCTIONS

5.1 Taking a Temperature Reading

Follow these steps for an accurate ear temperature measurement:

1. Ensure the ear canal is clean and free of earwax.
2. Gently pull the outer ear up and back (for adults) or down and back (for children under one year) to straighten the ear canal.
3. Insert the thermometer probe gently into the ear canal until it fits snugly. Do not force it.
4. Press and release the measurement button (often the same as the power button, or a dedicated scan button).
5. The measurement will be completed in approximately one second, and the temperature will be displayed on the screen.
6. A beep sound usually indicates the completion of the measurement.

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Ear Thermometer

جهاز قياس الحرارة من الأذن

- قياس سريع 1 ثانية عن طريق الأذن
- شاشة مضيئة موفرة للطاقة
- ألوان إرشادية لدرجات الحرارة
- استرجاع الذاكرة لـ 60 قراءة
- الإغلاق التلقائي بعد القياس
- تصميم مريح للمستخدم

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Figure 2: Key features of the Yuwell YHT101 Ear Thermometer. This image shows the thermometer alongside a list of its main features: 1-second fast measurement, energy-saving backlit screen, color-coded temperature guidance, 60-reading memory recall, automatic shutdown after measurement, and comfortable user-friendly design.

5.2 Interpreting the Color-Coded Display

The YHT101 features a color-coded display to provide a quick visual indication of the temperature reading:

- **Green:** Indicates a normal temperature.
- **Orange/Yellow:** May indicate a slightly elevated temperature.
- **Red:** Indicates a high temperature (fever).

Note: Always consult a healthcare professional for medical advice, regardless of the color indication.

5.3 Memory Function

The thermometer can store up to 60 previous temperature readings. To access the memory:

1. With the thermometer powered on, press the memory button (refer to device diagram if available, or assume a dedicated button or a long press of the measurement button).
2. Each press will cycle through the stored readings, from the most recent to the oldest.

5.4 Automatic Shutdown

To conserve battery life, the thermometer will automatically shut down after approximately 30 seconds of inactivity following a measurement.

6. MAINTENANCE

6.1 Cleaning the Thermometer

Proper cleaning ensures accurate readings and hygiene:

- After each use, gently wipe the probe tip with an alcohol swab or a soft cloth dampened with alcohol (70% isopropyl alcohol is recommended).
- Do not use abrasive cleaners, thinners, or benzene.
- Ensure no liquid enters the thermometer casing.
- Allow the probe to dry completely before storing.

6.2 Storage

Store the thermometer in its original packaging or a protective case in a cool, dry place, away from direct sunlight and extreme temperatures. Keep it away from children.

6.3 Battery Replacement

When the low battery indicator appears on the display, replace the batteries as described in Section 4.1. Dispose of used batteries according to local regulations.

7. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|--|---|---|
| Device does not turn on. | Dead or incorrectly installed batteries. | Check battery polarity; replace with new batteries. |
| Inaccurate readings. | Dirty probe tip, improper ear insertion, or environmental factors. | Clean the probe tip. Ensure correct insertion. Allow device to acclimatize to room temperature. |
| "Err" or other error message on display. | Measurement error, out of temperature range, or device malfunction. | Wait a few minutes and re-measure. Ensure proper technique. If error persists, contact support. |
| Display is dim or flickering. | Low battery. | Replace batteries. |

8. SPECIFICATIONS

| | |
|--------------------------------|------------------------|
| Model Number: | YHT101 |
| Brand: | Yuwell |
| Measurement Site: | Ear |
| Measurement Technology: | Infrared |
| Response Time: | 1 Second |
| Accuracy: | 0.1°F (approx. 0.05°C) |
| Display Type: | Digital, Color-coded |
| Memory Recall: | Up to 60 readings |
| Power Source: | Battery Powered |

| | |
|----------------------------------|---------------------------|
| Automatic Shutdown: | Yes |
| Outer Material: | Plastic |
| Product Dimensions: | 17 x 6.6 x 6 cm |
| Product Weight: | 62.5 grams |
| Indoor/Outdoor Usage: | Indoor |
| Smart Home Compatibility: | Not Smart Home Compatible |

9. WARRANTY INFORMATION

The Yuwell YHT101 Infrared Ear Thermometer comes with a **two-year warranty** from the date of purchase. This warranty covers manufacturing defects under normal use. It does not cover damage resulting from misuse, accidents, unauthorized repairs, or failure to follow the instructions in this manual. Please retain your purchase receipt as proof of purchase for warranty claims.

10. SUPPORT

If you have any questions, require technical assistance, or need to make a warranty claim, please contact the retailer where you purchased the device or refer to the official Yuwell website for customer support contact information.

For more information, visit: www.yuwell.com