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Equinox EQ-DT-60

Equinox EQ-DT-60 Digital Thermometer User Manual

Model: EQ-DT-60

1. INTRODUCTION

The Equinox EQ-DT-60 Digital Thermometer is designed for accurate and reliable body temperature measurement. This device provides quick readings, typically within 60 seconds, and offers the flexibility to display results in both Celsius and Fahrenheit. It is an essential tool for monitoring health in any household. Key features include:

- Fast results in approximately 60 seconds.
- Recall function for the last measured reading.
- Integrated fever alarm for elevated temperatures.
- Easy-to-read LCD display.
- Switchable temperature modes: Celsius (°C) and Fahrenheit (°F).
- Low battery indicator.



Figure 1: Front view of the Equinox EQ-DT-60 Digital Thermometer. The image shows the white thermometer with a blue cap, an LCD screen displaying a temperature, and the 'equinox' logo.

2. PRODUCT COMPONENTS

Familiarize yourself with the different parts of your Equinox EQ-DT-60 Digital Thermometer:

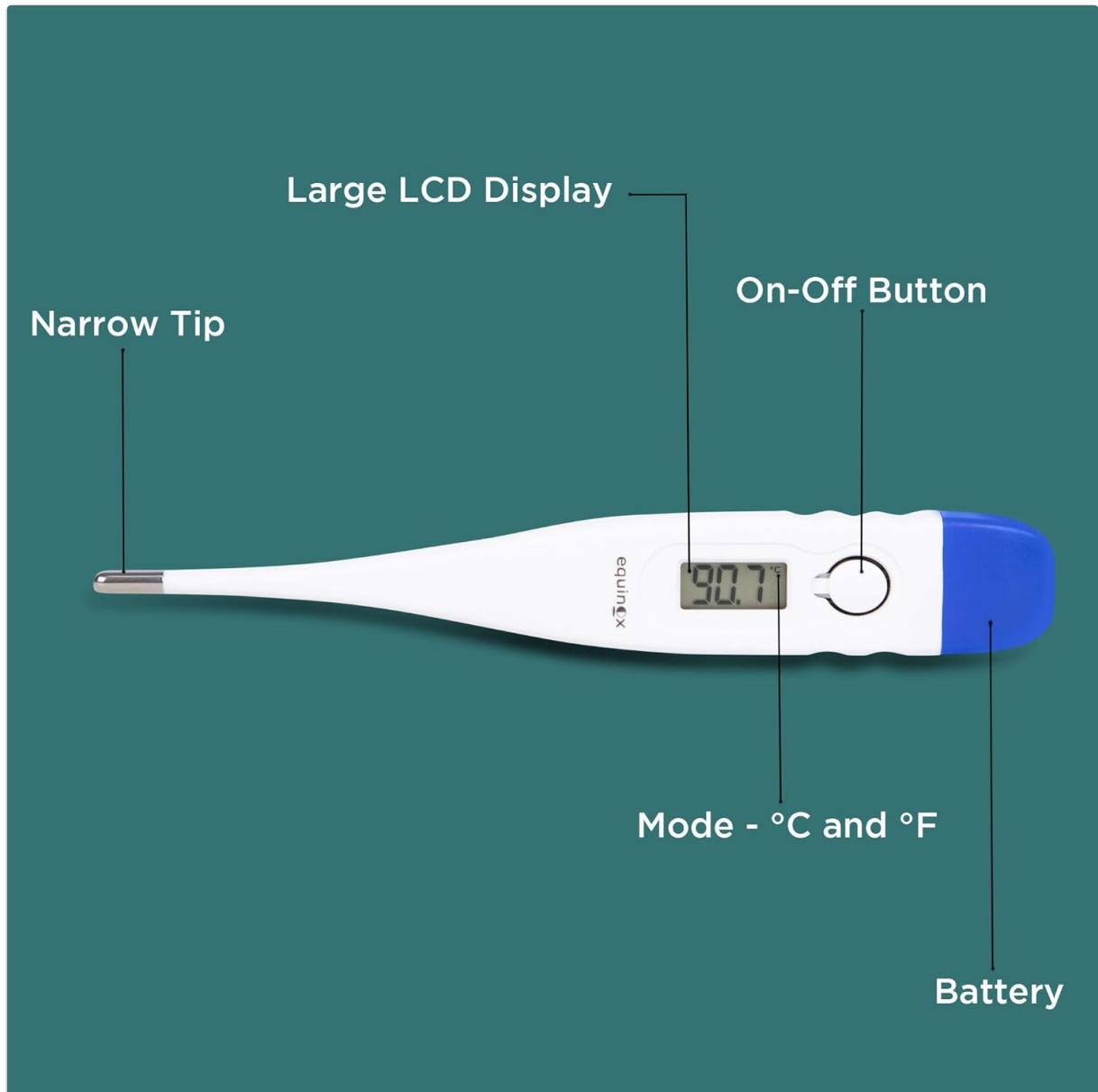


Figure 2: Labeled diagram of the thermometer components. It highlights the Narrow Tip, Large LCD Display, On-Off Button, Mode (°C and °F) functionality, and Battery compartment.

- **Narrow Tip:** The sensitive end of the thermometer used for temperature measurement.
- **Large LCD Display:** Shows temperature readings and other indicators.
- **On-Off Button:** Used to power the device on and off.
- **Mode (°C and °F):** Indicates the current temperature unit (Celsius or Fahrenheit). The device supports switching between these modes.
- **Battery:** The power source for the thermometer, located under the cap.

3. SETUP

Before first use, or if the low battery indicator appears, ensure the battery is correctly installed.

3.1 Battery Installation

1. Gently remove the battery cover located at the end of the thermometer.
2. Insert one 'A' type battery, ensuring the correct polarity (+/-) as indicated inside the compartment. A battery is included with the product.
3. Replace the battery cover securely.

3.2 Powering On

Press the On-Off button. A short beep will sound, and the display will show all segments briefly, followed by the last measured temperature, and then 'Lo' with a flashing °C or °F, indicating it is ready for measurement.

4. OPERATING INSTRUCTIONS

Follow these steps to accurately measure body temperature:

4.1 Taking a Measurement

1. Ensure the thermometer is clean and disinfected.
2. Press the On-Off button to turn on the thermometer.
3. Place the thermometer tip in the desired measurement location (oral, underarm, or rectal).
4. Hold the thermometer in place until a series of beeps indicates the measurement is complete (approximately 60 seconds).
5. Read the temperature displayed on the LCD screen.
6. Press the On-Off button to turn off the thermometer, or it will automatically shut off after approximately 10 minutes of inactivity.



Figure 3: A person demonstrating oral use of the Equinox EQ-DT-60 Digital Thermometer. The thermometer is placed under the tongue, and the display shows a temperature reading.

4.2 Switching Temperature Units (°C/°F)

To switch between Celsius and Fahrenheit, turn the thermometer off. Then, press and hold the On-Off button for approximately 3 seconds until the unit changes on the display. Release the button, and the new unit will be set for subsequent measurements.

4.3 Last Reading Recall

When you turn on the thermometer, the last measured temperature will be displayed for a few seconds before showing 'Lo' and flashing °C or °F. This allows for quick reference of the previous reading.

4.4 Fever Alarm

If the measured temperature exceeds a certain threshold (typically 37.8°C or 100°F), the thermometer will emit a rapid series of beeps to indicate a fever.

5. MAINTENANCE

Proper care and maintenance ensure the longevity and accuracy of your thermometer.

5.1 Cleaning and Disinfection

After each use, clean the thermometer tip with a soft cloth and isopropyl alcohol or cold soapy water. Rinse thoroughly with cold water and dry. Do not immerse the entire thermometer in water or use harsh chemical cleaners.

5.2 Storage

Store the thermometer in its protective storage case when not in use. Keep it in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure it is out of reach of children.

6. TROUBLESHOOTING

If you encounter issues with your Equinox EQ-DT-60 Digital Thermometer, refer to the following common problems and solutions:

- **No Display or Faint Display:** Check the battery. Replace if necessary. Ensure the battery is inserted with correct polarity.
- **'Lo' or 'Hi' Display:** 'Lo' indicates a temperature below the measurable range (e.g., below 32.0°C / 90.0°F). 'Hi' indicates a temperature above the measurable range (e.g., above 42.9°C / 109.9°F). Ensure proper placement and contact during measurement.
- **Inaccurate Readings:** Ensure the thermometer tip is clean. Verify proper placement and sufficient measurement time (60 seconds). Avoid taking measurements immediately after eating, drinking, or exercising.
- **Thermometer Does Not Turn On:** Check battery installation. Replace battery if it is old or depleted.

If problems persist, contact customer support for assistance.

7. SPECIFICATIONS

Feature	Detail
Model Number	EQ-DT-60
Measurement Range	32.0°C - 42.9°C (90.0°F - 109.9°F)
Response Time	Approximately 60 seconds
Display Type	LCD
Power Source	1 x 'A' type battery (included)
Product Dimensions	12.4 x 1.8 x 0.9 cm
Item Weight	10 g
Included Components	Thermometer, User Manual, Storage Case, Warranty Card
Care Instructions	Wipe Clean

Feature	Detail
Compliance	FDA

8. WARRANTY AND SUPPORT

The Equinox EQ-DT-60 Digital Thermometer comes with an **18-month warranty** from the date of purchase. Please retain your purchase receipt and the warranty card for any warranty claims. For technical support, service, or warranty inquiries, please refer to the contact information provided on your warranty card or visit the official Equinox website.

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