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› [femometer Infrared Forehead Thermometer DET-306: Non-Contact Digital Thermometer for Infants and Adults with Instant Read, Fever Alarm, LCD Display, and Memory Recall](#)

femometer DET-306

femometer Infrared Forehead Thermometer DET-306 User Manual

Non-Contact Digital Thermometer for Infants and Adults

1. INTRODUCTION

Thank you for choosing the femometer Infrared Forehead Thermometer DET-306. This device is designed for safe and accurate temperature measurement of the human body, objects, and ambient room temperature without contact. Please read this manual thoroughly before use to ensure proper operation and to maintain the device's accuracy and longevity.

Important Safety Information:

- Do not attempt to disassemble or repair the thermometer.
- Keep the device away from direct sunlight, dust, and extreme temperatures.
- Ensure the measurement area (forehead) is clean and dry for accurate readings.
- This thermometer is intended for household use. Consult a medical professional for any health concerns.

2. PRODUCT OVERVIEW

2.1 Device Components



Image: The femometer Infrared Forehead Thermometer DET-306 shown with its retail packaging, highlighting its non-contact feature, 1-second instant reading, and LCD backlight.

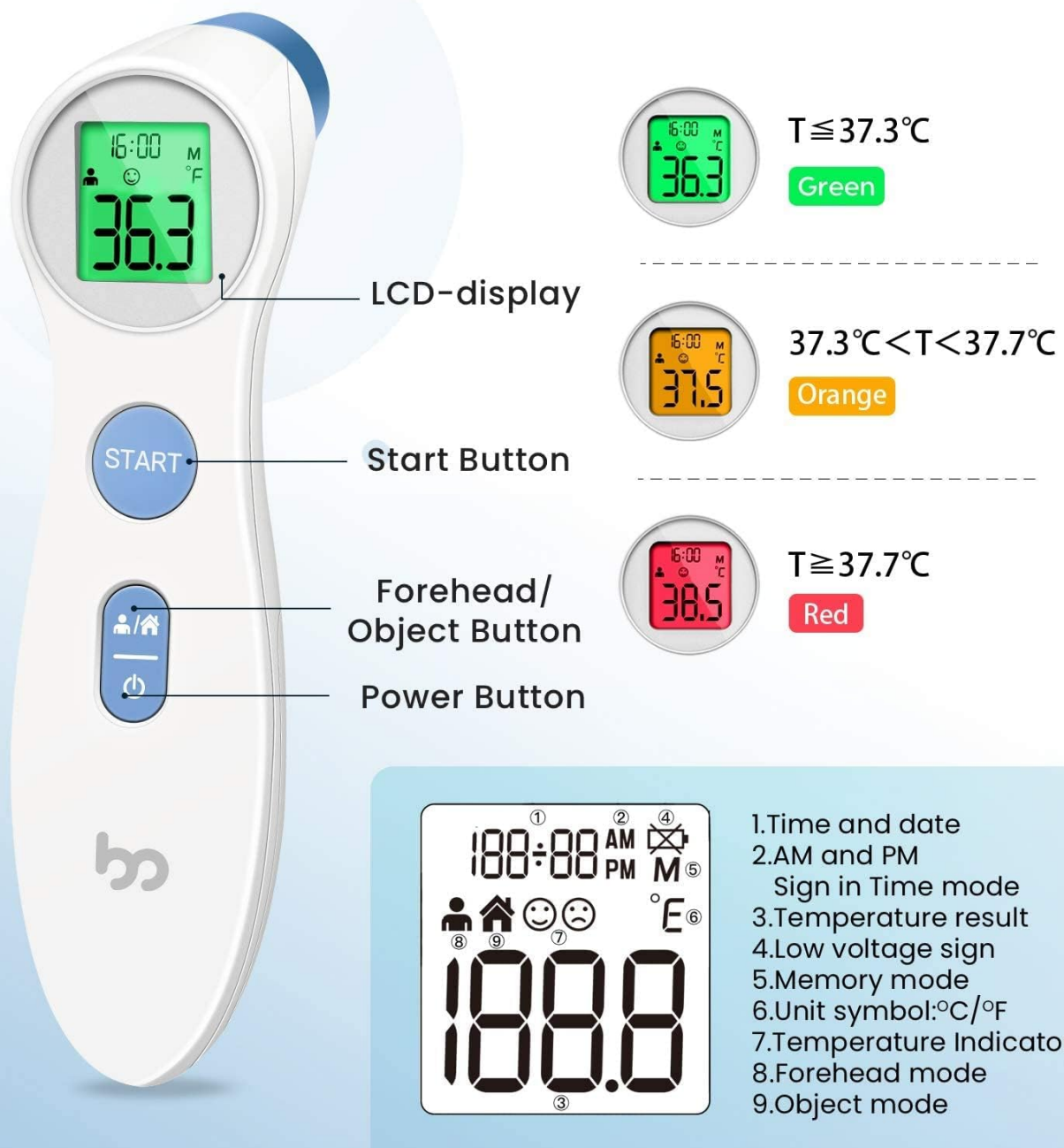


Image: A detailed diagram of the thermometer's LCD display and control buttons, including the Start Button, Forehead/Object Mode Button, and Power Button. It also illustrates the color-coded fever alarm system (Green, Orange, Red) and various display icons.

2.2 Key Features

- **3-in-1 Measurement:** Measures body, object, and room temperature.
- **Non-Contact:** Safe and hygienic measurement from a distance.
- **Instant & Accurate Readings:** Provides results in 1 second with high precision.
- **Fever Alarm:** Color-coded LCD display (Green, Orange, Red) indicates temperature status.
- **Memory Recall:** Stores up to 10 previous readings with exact time.
- **Backlit LCD Display:** Clear readings day or night.
- **Switchable Units:** Easily switch between Celsius (°C) and Fahrenheit (°F).
- **Automatic Shut-off:** Conserves battery life.

Best Choice for All People

New Smart Sensor for
Best Accurate



Forehead
Mode



Object
Mode



Instant
Measurement



Auto
Shut-off



Fever Alarm



Switchable



Time Setting



Memory



Backlit Display



Beep

Image: An infographic summarizing the key features of the femometer infrared thermometer, including Forehead Mode, Object Mode, Instant Measurement, Auto Shut-off, Fever Alarm, °C/°F Switchable, Time Setting, 10 Memory Recall, LCD Backlit Display, and Beep function.

3. SETUP

3.1 Battery Installation

The femometer DET-306 thermometer requires 2 AAA batteries (included). To install or replace batteries:

1. Locate the battery compartment cover on the back of the device.
2. Slide the cover open.
3. Insert two AAA batteries, ensuring the correct polarity (+ and -) as indicated inside the compartment.
4. Close the battery compartment cover securely.

The device will emit a short beep and the display will show all segments briefly, indicating successful battery

installation.

4. OPERATING INSTRUCTIONS

4.1 Turning On/Off

- **To Turn On:** Press the Power Button (I/O). The display will show all segments, then the last measurement, and finally enter standby mode.
- **To Turn Off:** The device will automatically shut off after approximately 30 seconds of inactivity to conserve battery. You can also manually turn it off by pressing and holding the Power Button for a few seconds.

4.2 Measurement Modes

The thermometer has two main measurement modes: Forehead Mode (for body temperature) and Object Mode (for surface/room temperature).

Termometro A Infrarossi Senza Contatto

Modalità Fronte/Oggetto

10
10 Letture In
Memoria

1s
Lettura
Istantanea Di
1 Secondo


Allarme
Temperatura



Image: A baby being measured with the non-contact infrared thermometer, illustrating its ease of use for infants. Key features like 10 memory readings, 1-second instant reading, and temperature alarm are highlighted.

Forehead Mode

Instant Accurate Reading



Object Mode

Food



Object Mode

Room



Image: Demonstrates the thermometer in use for Forehead Mode (measuring a person's temperature) and Object Mode (measuring food and room temperature), showcasing its versatility.

To switch between modes, press the Forehead/Object Button **person/house icon**). The corresponding icon will appear on the LCD display.

4.3 Taking a Measurement



Image: A visual guide demonstrating the three steps to measure temperature: 1. Power on and select mode. 2. Point thermometer 2-3 cm from the forehead and press START. 3. Read the temperature after a short beep.

1. Ensure the thermometer is in the desired mode (Forehead or Object).
2. Position the thermometer 1-3 cm (0.4-1.2 inches) away from the center of the forehead (for body temperature) or the object/surface.
3. Press the **START** button.
4. The measurement will be completed after a short beep, and the temperature reading will be displayed on the LCD screen.

Take 1-3cm away

Click the start button Measurement completed after a short beep.



Image: Illustrates the recommended measurement distance of 1-3 cm from the forehead for accurate readings, showing a child and adult using the thermometer.

4.4 Switching Temperature Units (°C/°F)

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

1. Ensure the thermometer is in the OFF state.
2. Press and hold the **START** button for 3-5 seconds.
3. The display will show the current unit, and then switch to the other unit. Release the button when the desired unit is displayed.

Free switch °C / °F

Press the start button for 3-5 seconds to switch (In off state)



Image: Shows how to switch the temperature unit between Celsius (°C) and Fahrenheit (°F) by pressing the start button, with examples of both displays.

4.5 Fever Alarm Interpretation

The thermometer's LCD backlight changes color to indicate temperature status:

- **Green:** Normal body temperature ($T \leq 37.3^{\circ}\text{C}$ / 99.1°F).
- **Orange:** Low-grade fever ($37.3^{\circ}\text{C} < T < 37.7^{\circ}\text{C}$ / $99.1^{\circ}\text{F} < T < 99.9^{\circ}\text{F}$).
- **Red:** High fever ($T \geq 37.7^{\circ}\text{C}$ / 99.9°F).

Retroilluminazione A Tre Colori Avviso Di Temperatura Elevata

Se viene rilevata una temperatura superiore a 37,5°C in modalità fronte, viene emesso un segnale acustico lungo seguito da tre segnali brevi per avvisare l'utente.



($T \leq 37.5^{\circ}\text{C}$)

Green



($37.5^{\circ}\text{C} \sim 38.0^{\circ}\text{C}$)

Orange



($\geq 38.0^{\circ}\text{C}$)

Red

Image: Illustrates the three-color backlight system for temperature alerts: Green for normal, Orange for elevated, and Red for high temperature, with corresponding temperature ranges.

4.6 Memory Recall

The thermometer automatically stores the last 10 temperature readings with the exact time. To access memory recall:

1. Turn on the thermometer.
2. Press the Forehead/Object Button (**person/house icon**) repeatedly to cycle through the stored readings.
3. Each press will display the next stored reading, starting from the most recent.

Clear reading in the dark

LCD



Day



Night



Image: Shows the thermometer being used in a dark room, demonstrating its backlit LCD display for clear readings at night without disturbing others.

5. MAINTENANCE

5.1 Cleaning

- Wipe the thermometer body with a soft, dry cloth.
- For the probe, gently clean with an alcohol swab (70% isopropyl alcohol) or a cotton swab moistened with alcohol. Allow it to air dry completely before use.
- Do not immerse the thermometer in water or any cleaning solutions.

5.2 Storage

- Store the thermometer in a cool, dry place, away from direct sunlight and extreme temperatures.
- If not in use for an extended period, remove the batteries to prevent leakage.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No display/Device won't turn on	Dead batteries, incorrect battery installation.	Replace batteries, ensure correct polarity.
Inaccurate readings	Incorrect measurement distance, dirty probe, environmental factors (drafts, direct sunlight), recent activity (eating, exercising).	Ensure 1-3 cm distance, clean probe, measure in stable environment, wait 30 minutes after activity.
Display shows 'Lo' or 'Hi'	Temperature is outside the measurable range.	Ensure measurement is within specified operating range (e.g., 32°C-42.9°C for body).
Display shows 'Err'	System error or malfunction.	Remove and reinsert batteries. If error persists, contact customer support.

7. SPECIFICATIONS

- **Model:** DET-306
- **Measurement Range:**
 - Body: 32.0°C – 42.9°C (89.6°F – 109.2°F)
 - Object: 0°C – 100°C (32°F – 212°F)
- **Accuracy:** $\pm 0.2^{\circ}\text{C}$ ($\pm 0.4^{\circ}\text{F}$) for body temperature within 35.0°C – 42.0°C (95.0°F – 107.6°F)
- **Measurement Distance:** 1-3 cm
- **Display:** LCD with backlight
- **Memory:** 10 readings
- **Power Source:** 2 x AAA batteries (DC 3V)
- **Automatic Shut-off:** Approx. 30 seconds
- **Dimensions:** 15 x 4 x 4 cm
- **Weight:** 124 grams (with batteries)
- **Material:** Plastic
- **Included Components:** 1 Thermometer, 2 AAA Batteries

8. WARRANTY AND SUPPORT

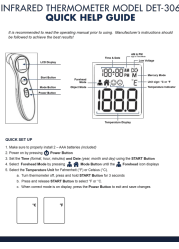



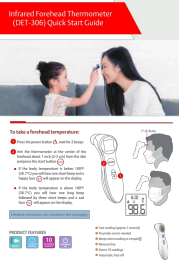
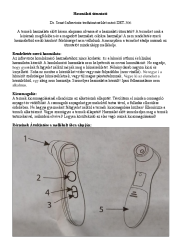
femometer is committed to providing high-quality products and excellent customer service. We offer many years of friendly customer service for our products.

If you have any questions, concerns, or require assistance with your femometer Infrared Forehead Thermometer DET-306, please do not hesitate to contact our customer support team. Refer to the product packaging or the official femometer website for contact details.



Image: The official femometer brand logo.

Related Documents - DET-306

 <p>INFRARED THERMOMETER MODEL DET-306 QUICK HELP GUIDE</p> <p>1. Press the power button (1) to turn the device on. The LCD screen will display the current temperature.</p> <p>2. Press the measurement button (2) to take a temperature reading. The device will display the reading on the LCD screen.</p> <p>3. Press the memory button (3) to store the reading in memory. The device will display the memory mode on the LCD screen.</p> <p>4. Press the power button (1) to turn the device off.</p>	<p>Infrared Thermometer Model DET-306 Quick Help Guide</p> <p>A quick help guide for the Infrared Thermometer Model DET-306, providing setup instructions, usage guidance, and troubleshooting tips for accurate temperature readings.</p>
 <p>User's Manual Femometer DET-306</p>	<p>Femometer DET-306 Infrared Forehead Thermometer User's Manual</p> <p>User's manual for the Femometer DET-306 Infrared Forehead Thermometer, detailing its features, specifications, usage, care, and warranty information for accurate home temperature monitoring.</p>
 <p>Femometer Family Infrared Thermometer User Manual</p> <p>Model Version 1.0 Issuing Date: 11/07/2023</p>	<p>Femometer Infrared Thermometer User Manual: Features, Operation, and Safety</p> <p>Your guide to using the Femometer Infrared Thermometer. Learn about its features, how to take accurate temperature readings, important safety precautions, troubleshooting tips, and specifications.</p>
	<p>Femometer Digital Basal Thermometer DMT-3032 User Manual</p> <p>User manual for the Femometer Digital Basal Thermometer DMT-3032, detailing its features, usage, and specifications for fertility monitoring and ovulation tracking.</p>
 <p>Infrared Forehead Thermometer (DET-306) Quick Start Guide</p> <p>1. Turn on the device by pressing the power button (1).</p> <p>2. Aim the device at the forehead and press the measurement button (2) to take a reading.</p> <p>3. The LCD screen will display the temperature reading.</p>	<p>Infrared Forehead Thermometer DET-306: Quick Start Guide & Usage Tips</p> <p>Learn how to accurately take forehead temperatures with the DET-306 Infrared Forehead Thermometer. This guide covers usage, product features, and important tips for reliable readings.</p>
 <p>Dr. Senst</p> <p>Dr. Senst DET-306 Infrared Thermometer User Manual</p>	<p>Dr. Senst DET-306 Infrared Thermometer User Manual</p> <p>User manual for the Dr. Senst DET-306 infrared thermometer, covering its intended use, unpacking, parts overview, LCD display, general warnings, electrical safety, battery safety, basic functions, forehead measurement, object measurement, memory mode, troubleshooting, and cleaning.</p>

User's Manual

Infrared Forehead Thermometer

Model DET-306



[Femometer DET-306 Infrared Forehead Thermometer User's Manual](#)

User's manual for the Femometer DET-306 Infrared Forehead Thermometer, detailing its features, specifications, usage, care, and warranty information for accurate home temperature monitoring.

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