

femometer DET-306

Femometer DET-306 Forehead Thermometer Instruction Manual

Model: DET-306 | Brand: femometer

INTRODUCTION

The Femometer DET-306 is a digital touchless infrared thermometer designed for fast and accurate temperature measurement. It is suitable for use with adults, children, infants, and even objects. This manual provides essential information for the safe and effective operation and maintenance of your thermometer.

KEY FEATURES

- **1-Second Fast & High Accuracy:** Equipped with a clinically proven high-precision infrared sensor, providing results accurate to 0.1°F/°C with an accuracy of $\pm 0.4^{\circ}\text{F}$ / $\pm 0.2^{\circ}\text{C}$.
- **Humanized Design & Easy to Use:** Features a three-color backlit display for different temperature levels (green, orange, red) and a one-button measurement system. Memory storage function allows for monitoring without disturbing sleep.
- **Dual Mode & °C/°F Switchable:** Measures both body and object temperatures, including surfaces like milk, food, and room temperature. Offers a safe and hygienic non-contact method.
- **Ergonomic and Portable:** Special ergonomic shape for comfortable handling and a lightweight design (0.19 pounds) for easy portability and storage.
- **Included Components:** Comes with 1 x Touchless Infrared Thermometer, 1 x User Manual, and 2 x AAA Batteries.



Best Choice for All Ages

Perfect for Home, School and Office Use



2 in 1 Mode

Forehead / Object



1 second

Instant Reading



0.3~1.2 IN

Non-contact



LR03

Free battery



Figure 1: The Femometer DET-306 thermometer, emphasizing its key features such as dual mode for forehead and object temperature, instant 1-second readings, non-contact operation, and the inclusion of LR03 batteries.

SETUP

Battery Installation

The Femometer DET-306 thermometer requires 2 AAA batteries, which are included in the package. To install or replace batteries:

1. Locate the battery compartment cover on the back of the thermometer.

2. Slide the cover off to open the compartment.
3. Insert the 2 AAA batteries, ensuring the correct polarity (+ and -) as indicated inside the compartment.
4. Replace the battery compartment cover by sliding it back into place until it clicks securely.

OPERATING INSTRUCTIONS

Taking a Body Temperature (Forehead Mode)

1. **Power On:** Press the power button () to turn on the thermometer. The display will activate and show all segments during a self-check. After the self-check, the person icon () will appear on the display, indicating it's in body temperature mode.
2. **Positioning:** Aim the thermometer at the center of the forehead, maintaining a distance of 0.3 to 1.2 inches (approximately half the length of a ring finger) from the skin. Ensure there are no obstructions like hair or sweat.
3. **Measure:** Press the "START" button. The thermometer will emit a beep, and the temperature reading will appear on the display within 1 second.
4. **Reading Interpretation:** The backlit display will change color to indicate temperature levels:
 - **Green:** Normal temperature (typically $T \leq 99.1^{\circ}\text{F}$).
 - **Orange:** Slightly elevated temperature (typically $99.1^{\circ}\text{F} < T < 100^{\circ}\text{F}$).
 - **Red:** Fever (typically $T \geq 100^{\circ}\text{F}$). A long beep followed by three short beeps will sound to warn the user of a fever.
5. **Repeat Measurement:** It is recommended to take a second measurement at a 3-second interval for consistency.

Take 0.3~1.2 Inch Away

The measurement length
shall not exceed **HALF of the ring finger**



Figure 2: Proper distance for taking a forehead temperature reading with the Femometer DET-306.

3 Backlight Indicators For Different Temperature Levels

If the temperature is detected to be higher than 100°F in forehead mode, a long beep is followed by three short beeps to warm the user.



Figure 3: The three-color backlight indicators on the Femometer DET-306 for different temperature levels.

Taking an Object Temperature (Object Mode)

The thermometer can also measure the temperature of objects, liquids, or rooms.

1. **Switch Mode:** After powering on, press the mode button (house icon) to switch from body mode to object mode. The house icon will appear on the display.
2. **Positioning:** Aim the thermometer at the object or surface you wish to measure.
3. **Measure:** Press the "START" button. The temperature reading of the object will be displayed.

2 In 1 Mode | Multiple Uses

One key switch temperature measurement mode,
convenient for home, office & school use.

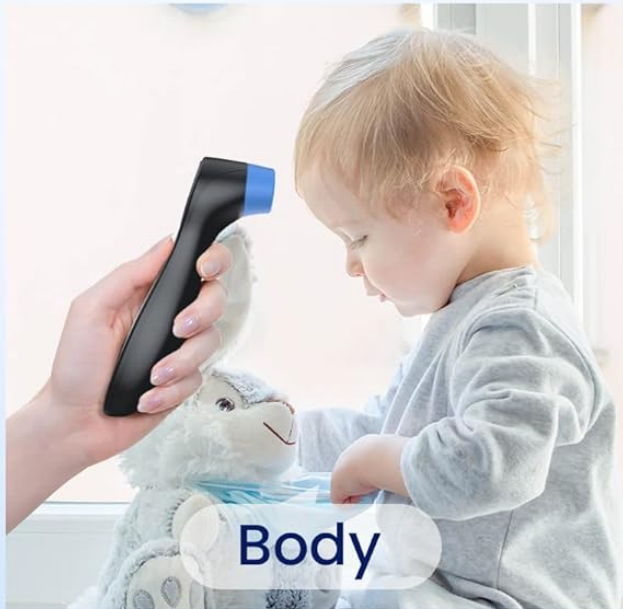


Figure 4: The dual mode functionality of the Femometer DET-306, illustrating its use for both body and various object temperature measurements.

Switching Temperature Units (°C/°F)

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

- With the thermometer powered on, press and hold the mode button (person/house icon) for a few seconds until the unit changes on the display.

MAINTENANCE

Cleaning and Care

- Wipe clean the thermometer with a soft, dry cloth after each use.
- Do not immerse the thermometer in water or any other liquid.
- Avoid using abrasive cleaners or solvents, as they may damage the device.
- Store the thermometer in a cool, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

If you encounter issues with your Femometer DET-306 thermometer, consider the following common solutions:

- **Inaccurate Readings:** Ensure the thermometer is held at the correct distance (0.3-1.2 inches) from the forehead. Avoid taking measurements immediately after strenuous activity or in extreme environmental conditions. Ensure the sensor is clean.
- **No Display/Power Issues:** Check if the AAA batteries are correctly installed and have sufficient charge. Replace batteries if necessary.
- **Error Messages:** Refer to the quick start manual included in the box for specific error codes and their meanings.
- **Inconsistent Readings:** Take multiple readings and average them. Ensure consistent measurement technique and environmental conditions.

For persistent issues, please contact customer support.

SPECIFICATIONS

Brand	femometer
Model Name	DET-306
Special Feature	3 Colors Fever Alarm, Fast Reading System, High Accuracy, Non-Contact, Ultra Clear Screen
Color	Black
Age Range (Description)	Adult & Kid & Baby & Senior & Toddler & Newborn
Included Components	1 x Thermometer, 2 x AAA Batteries, 1x Manual, 1x Quick Guide
Outer Material	Acrylonitrile Butadiene Styrene
Specification Met	Fda / Ce / Fsa & Hsa Eligible
Display Type	Digital
Connectivity Technology	Infrared
Product Care Instructions	Wipe Clean
Unit Count	1.0 Count
Power Source	Battery Powered
Number of Batteries	2 AAA batteries required. (included)
Item Length	6 Inches

Upper Temperature Rating	109.4 Degrees Fahrenheit (Body Mode)
Response Time	1 seconds
Reusability	Reusable
Resolution	HD Backlit LCD Display
Lower Temperature Rating	93.2 Degrees Fahrenheit (Body Mode)
Style	LCD Display
Indoor/Outdoor Usage	Indoor
UPC	850032151641
Item Weight	4.2 ounces


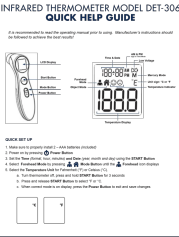
WARRANTY AND SUPPORT




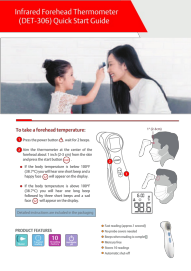
The Femometer DET-306 thermometer comes with a **12-month replacement warranty** from the date of purchase. For any inquiries or support, please utilize the **24/7 friendly customer service** provided by femometer.

This product is also **FSA & HSA Eligible**.

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Related Documents - DET-306

	<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>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>Femometer Family Infrared Thermometer User Manual</p> <p>Femometer is a registered trademark of Femometer Inc. All other trademarks are the property of their respective owners. Manual 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>Femometer DMT-427 Digital Thermometer User Manual and Instructions</p> <p>Comprehensive user manual for the Femometer DMT-427 digital thermometer, providing instructions for use, specifications, troubleshooting, and warranty information for accurate body temperature measurement.</p>
 <p>Infrared Forehead Thermometer (DET-306) Quick Start Guide</p> <p>Includes a forehead temperature: • The forehead is the best place to take a forehead temperature. • The forehead should be clean and dry. • The forehead should be free of hair. • The forehead should be free of makeup. • The forehead should be free of oils. • The forehead should be free of lotions. • The forehead should be free of creams. • The forehead should be free of powders. • The forehead should be free of sprays. • The forehead should be free of perfumes. • The forehead should be free of deodorants. • The forehead should be free of antiperspirants. • The forehead should be free of hair conditioners. • The forehead should be free of hair gels. • The forehead should be free of hair waxes. • The forehead should be free of hair oils. • The forehead should be free of hair creams. • The forehead should be free of hair lotions. • The forehead should be free of hair sprays. • The forehead should be free of hair gels. • The forehead should be free of hair waxes. • The forehead should be free of hair oils. • The forehead should be free of hair creams. • The forehead should be free of hair lotions. • The forehead should be free of hair sprays.</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>