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› Dr. Senst Infrared Forehead Thermometer (DET-306) User Manual

## Dr. Senst DET-306

# Dr. Senst Infrared Forehead Thermometer (DET-306) User Manual

Model: DET-306 | Brand: Dr. Senst

## 1. INTRODUCTION

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Thank you for choosing the Dr. Senst Infrared Forehead Thermometer (DET-306). This non-contact thermometer is designed for safe, hygienic, and accurate temperature measurement of the human body and objects. Please read this manual thoroughly before use to ensure proper operation and to maintain the device's accuracy and longevity.



Image: The Dr. Senst Infrared Forehead Thermometer (DET-306) showing its digital display and control buttons.

## 2. KEY FEATURES

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- **Non-Contact & Safe:** Measures temperature without physical contact, ensuring hygiene and safety.
- **Instant & Accurate Readings:** Provides reliable results in 1 second with a precision range of  $\pm 0.5^{\circ}\text{C}$  /  $\pm 1^{\circ}\text{F}$ .
- **2-in-1 Functionality:** Measures both body temperature and object/room temperature.
- **High Temperature Alarm:** Alerts with an audible signal for elevated temperatures. The display backlight changes color (green, yellow, red) based on temperature readings.
- **Memory Function:** Stores up to 10 previous measurements for tracking.
- **Digital LCD Display:** Clear, easy-to-read digital display with backlight for use in various lighting conditions.
- **BPA and Latex-Free:** Safe for all ages, including babies.

**+ Dr. Senst**

## Multifunktionales hochpräzises Thermometer

**1s**

Ergebnisse in 1 Sekunde



Körper- und Objektmodus



Alarm bei hoher Temperatur



BPA und Latexfrei

**10**

Speicher für 10 Messwerte



LCD Hintergrundlicht



Image: Visual representation of the thermometer's key features, including 1-second results, body/object mode, high temperature alarm, BPA/latex-free, 10 memory storage, and LCD backlight.

### 3. PRODUCT COMPONENTS

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Familiarize yourself with the parts of your Dr. Senst thermometer:



Image: Labeled diagram of the thermometer showing the Object/Body mode symbol, Digital Display, Mode Button, Memory Symbol, IR Sensor, Alarm Signal, and Battery Compartment.

- **IR Sensor:** For infrared temperature detection.
- **Digital Display:** Shows temperature readings, mode, and other indicators.
- **START Button:** Initiates a temperature measurement.
- **Mode/Power Button:** Switches between body and object modes, and powers the device on/off.
- **Battery Compartment:** Located at the bottom, holds 2 AAA batteries.

## 4. PACKAGE CONTENTS

The package includes:

- 1 x Dr. Senst Infrared Forehead Thermometer (DET-306)
- 2 x AAA Batteries (included)
- 1 x User Manual

## 5. SETUP

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### 5.1. Battery Installation

1. Open the battery compartment cover located at the bottom of the thermometer.
2. Insert 2 AAA batteries, ensuring correct polarity (+ and -).
3. Close the battery compartment cover securely.

### 5.2. Initial Power On

Press the Mode/Power button to turn on the thermometer. The device will perform a self-test and display the last measurement before entering standby mode, ready for measurement.

## 6. OPERATING INSTRUCTIONS

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### 6.1. Measuring Body Temperature (Forehead Mode)

1. Ensure the thermometer is in Body Mode (indicated by a human icon on the display). If not, press the Mode/Power button to switch modes.
2. Hold the thermometer 2-3 cm (approximately 1 inch) away from the center of the forehead.
3. Press the START button. The measurement will be completed in 1 second.
4. The temperature reading will be displayed on the LCD screen.



Image: A person measuring another person's forehead temperature with the Dr. Senst thermometer, demonstrating the 2-3 cm measurement distance.

### 6.2. Measuring Object/Room Temperature (Object Mode)

1. Press the Mode/Power button to switch to Object Mode (indicated by a house icon or similar on the display).
2. Point the thermometer at the object or area whose temperature you wish to measure.
3. Press the START button. The temperature reading will appear on the display.



## Sichere Temperaturmessung bei Erwachsenen und Kindern

Image: Illustrations showing the thermometer being used to measure body temperature (adult and baby) and the temperature of a baby bottle.

### 6.3. Understanding Display Colors and Alarms

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

- **Green:** Normal temperature.
- **Yellow:** Elevated temperature (fever alert).
- **Red:** High temperature (fever alarm), accompanied by an audible signal.



Image: The thermometer display showing examples of green (normal), yellow (elevated), and red (high) temperature readings with corresponding values.

#### 6.4. Memory Recall

The thermometer automatically stores the last 10 measurements. To view past readings, press the START button repeatedly while the device is in standby mode. Each press will cycle through the stored temperatures.

#### 6.5. Switching Temperature Units (°C/°F)

To switch between Celsius (°C) and Fahrenheit (°F), ensure the device is off. Press and hold the START button for approximately 5 seconds until the unit changes on the display. Release the button, and the new unit will be set.

### 7. MAINTENANCE

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#### 7.1. Cleaning

Regular cleaning ensures accurate readings and extends the life of your thermometer:

- Wipe the thermometer body with a soft, dry cloth.

- For the infrared sensor, gently clean with a cotton swab lightly moistened with alcohol. Allow to air dry completely before use.
- Do not immerse the thermometer in water or any cleaning solutions.
- Do not use abrasive cleaners or harsh chemicals.

## 7.2. Storage

Store the thermometer in a cool, dry place, away from direct sunlight, extreme temperatures, and humidity. Keep out of reach of children.

## 7.3. Battery Replacement

When the low battery indicator appears on the display, replace both AAA batteries immediately following the instructions in Section 5.1.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power / Does not turn on	Batteries are dead or incorrectly inserted.	Check battery polarity or replace with new AAA batteries.
Inaccurate readings	Sensor dirty; incorrect measurement distance; environmental factors (drafts, direct sunlight).	Clean the sensor; ensure 2-3 cm distance; measure in a stable environment.
"Lo" or "Hi" displayed	Temperature is outside the measurable range.	Ensure measurement is within the specified operating range.
Display shows "Err"	System error or malfunction.	Turn off the device, wait a few seconds, and turn it back on. If the error persists, contact customer support.

## 9. SPECIFICATIONS

Feature	Detail
Model Number	DET-306
Measurement Method	Non-contact Infrared
Measurement Range (Body)	32.0°C - 42.9°C (89.6°F - 109.2°F)
Measurement Range (Object)	0°C - 100°C (32°F - 212°F)
Accuracy	±0.5°C / ±1°F
Measurement Distance	2-3 cm
Display Type	Digital LCD with Backlight
Memory Storage	10 measurements
Power Source	2 x AAA Batteries (included)
Dimensions	17.8 x 9.5 x 5.4 cm

Feature	Detail
Weight	140 grams
Material	Plastic
Compliant Standards	ISO 13485, ISO 9001

## 10. WARRANTY AND SUPPORT

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Dr. Senst products are manufactured with high-quality standards. For information regarding warranty, technical support, or service, please refer to the contact details provided with your purchase or visit the official Dr. Senst website. Please retain your proof of purchase for any warranty claims.

