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## HealthSmart 18-545-000

# HealthSmart Digital Temporal Thermometer User Manual

Model: 18-545-000

## INTRODUCTION

Thank you for choosing the HealthSmart Digital Temporal Thermometer. This device is designed to provide quick, accurate, and hygienic temperature readings for individuals of all ages, as well as objects and ambient air. Please read this manual thoroughly before use to ensure proper operation and to maintain the accuracy and longevity of your thermometer.

## PRODUCT OVERVIEW

### Key Features:

- **Integrated Distance Sensor:** Ensures accurate readings without skin contact, promoting hygiene.
- **Fever Alarm:** A color-coded system (red for 100.4°F/38°C or higher, green for below) provides instant visual alerts for elevated temperatures.
- **Memory Storage:** Stores up to 9 previous readings for tracking temperature trends.
- **Three Measurement Modes:** Capable of measuring body (forehead), object, and ambient air temperatures.
- **Backlit LCD Display:** High-contrast screen for easy reading in any lighting condition, including darkness.
- **Auto Shutoff:** Conserves battery life.
- **Fahrenheit and Celsius:** Switchable temperature units.

### What's in the Box:

- HealthSmart Non-Contact Infrared Digital Forehead Thermometer
- 2 AAA Batteries (pre-installed or included separately)
- User Manual (this document)

## SETUP

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### Battery Installation:

Your HealthSmart thermometer requires 2 AAA batteries. These are typically included. If not already installed, or if you need to replace them:

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



*Image: The HealthSmart Digital Temporal Thermometer. The main display shows a temperature of 98.6°F.*

## OPERATING INSTRUCTIONS

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### Turning On/Off:

Press the large scan button (usually green) to turn the thermometer on. The device will automatically turn off after a period of inactivity to conserve battery life.

### Selecting Measurement Mode:

The thermometer has three modes: Body (Forehead), Object, and Air. To switch between modes:

1. Ensure the thermometer is on.
2. Press and hold both the scan button and the 'M' (Memory) button simultaneously until the desired mode icon appears on the display.



*Image: The thermometer display showing "Food" mode, which is used for measuring object temperatures.*

### Taking a Forehead Temperature:

1. Ensure the thermometer is in Body (Forehead) mode.
2. Hold the thermometer approximately 1 to 2 inches (2.5 to 5 cm) from the center of the forehead. The integrated distance sensor will help ensure proper distance.
3. Press and hold the large scan button.
4. Keep the thermometer steady until you hear a beep and the reading appears on the display.

5. The ring around the scan button will illuminate green for normal temperature or red for a fever (100.4°F/38°C or higher).



*Image: A HealthSmart thermometer being used to measure the forehead temperature of a baby. The thermometer is held a short distance from the baby's forehead.*

### **Taking Object/Air Temperature:**

1. Switch to Object or Air mode as needed.
2. Point the thermometer at the object or area whose temperature you wish to measure. Maintain a distance of 1 to 2 inches (2.5 to 5 cm).
3. Press and hold the large scan button.
4. The temperature reading will appear on the display.



*Image: A hand holding the HealthSmart thermometer, pointing it at a baby bottle to measure the temperature of the milk inside.*



*Image: A hand holding the HealthSmart thermometer, pointing it at a cup of hot chocolate to measure its temperature.*

### **Memory Function:**

The thermometer stores up to 9 previous readings. To access them:

1. With the thermometer on, press the 'M' (Memory) button.
2. Each press of the 'M' button will cycle through the stored readings, from most recent to oldest.

### **Switching Between Fahrenheit and Celsius:**

To change the temperature unit:

1. Ensure the thermometer is off.
2. Press and hold the 'M' (Memory) button for approximately 5 seconds until the unit changes (e.g., from °F to °C or vice versa).

## **MAINTENANCE**

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## Cleaning:

To ensure accurate readings and hygiene, clean the thermometer after each use:

- Wipe the probe and body of the thermometer with an alcohol swab or a cotton swab moistened with 70% isopropyl alcohol.
- Do not immerse the thermometer in water or any other liquid.
- Allow the thermometer to air dry completely before storing.

## Storage:

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

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Thermometer does not turn on.	Batteries are dead or incorrectly installed.	Replace batteries, ensuring correct polarity.
Inaccurate readings.	Incorrect measurement distance; dirty sensor; environmental factors (drafts, direct sunlight).	Ensure proper distance (1-2 inches); clean the sensor; measure in a stable environment.
Display shows "Lo" or "Hi".	Temperature is outside the measurable range.	Ensure the thermometer is used within its specified operating temperature range.
Fever alarm (red light) activates unexpectedly.	Measurement taken on a warm object or in a warm environment while in Body mode.	Ensure correct mode is selected for the intended measurement (Body, Object, or Air).

## SPECIFICATIONS

- **Model Number:** 18-545-000
- **Measurement Range (Body):** 89.6°F - 109.2°F (32.0°C - 42.9°C)
- **Measurement Range (Object/Air):** 32.0°F - 212.0°F (0.0°C - 100.0°C)
- **Accuracy:** ±0.4°F (±0.2°C) for body temperature
- **Display:** Backlit LCD
- **Memory:** 9 readings
- **Power Source:** 2 x AAA batteries
- **Automatic Shutoff:** Approximately 30 seconds
- **Dimensions:** 5.12 x 1.77 x 1.98 inches (13 x 4.5 x 5 cm)
- **Weight:** 3.2 ounces (90.7 grams) (without batteries)
- **Operating Environment:** 50°F - 104°F (10°C - 40°C), relative humidity ≤ 85%
- **Storage Environment:** -4°F - 131°F (-20°C - 55°C), relative humidity ≤ 95%

## WARRANTY AND SUPPORT

For warranty information or technical support, please contact HealthSmart customer service. Refer to the packaging or the official HealthSmart website for the most current contact details.

**Website:** [www.healthsmart.com](http://www.healthsmart.com)

**Customer Service:** Please check the product packaging or manufacturer's website for phone numbers or email addresses.