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› ThermoMaven Professional Digital Meat Thermometer (Model HT04) User Manual

ThermoMaven HT04

ThermoMaven Professional Digital Meat Thermometer (Model HT04) User Manual

Brand: ThermoMaven

1. INTRODUCTION

The ThermoMaven Professional Digital Meat Thermometer, Model HT04, is designed for precise and rapid temperature measurement of various foods. It features advanced thermocouple technology for quick readings, NIST certified accuracy, and a durable, waterproof construction. This manual provides essential information for the safe and effective use of your thermometer.

Loaded with Professional Features

Features	F 1 Turbo	Others
Precision	±0.5°F	±1°F
NIST Certified Accuracy	✓	✗
Truly Instant Read	✓	✗
Reading Speed	0.5 Sec	3 Sec
Thermocouple Sensor	✓	✗
IP67 Waterproof	✓	✗



Figure 1: ThermoMaven Professional Digital Meat Thermometer (Model HT04)

2. KEY FEATURES

- **Ultra-Fast Response Time:** Achieves temperature readings in approximately 0.5 seconds due to patented thermocouple technology.
- **NIST Certified Accuracy:** Provides a precise accuracy of ±0.5°F (±0.3°C), ensuring reliable temperature measurements. A calibration certificate is included.
- **IP67 Waterproof:** Designed to be fully waterproof for easy cleaning and enhanced durability.
- **Backlit & Auto-Rotating Display:** Features a bright backlight for visibility in low-light conditions and an auto-rotating display for comfortable reading by both right and left-handed users.
- **Auto Wake/Sleep:** The device automatically turns on when the probe is opened and enters sleep mode when closed or inactive.
- **Convenient Storage:** Includes both magnetic and hang-hole options for easy storage on refrigerators or hooks.
- **Integrated Bottle Opener:** A practical addition for added utility.

Loaded with Professional Features

CE BPA FREE NSF 18/8

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IP67 Waterproof	✓	✗

Figure 2: NIST Certified Accuracy for reliable temperature readings.

Professional Grade. Truly Instant Read.

Industry-leading 0.5s Response Time

Unlike typical food thermometers that take three seconds for a reading, the ThermoMaven instant read thermometer achieves professional, accurate results in just 0.5 seconds, offering a truly instant experience.

Figure 3: IP67 Waterproof design and magnetic storage capability.

3. SETUP

3.1 Battery Installation

Your ThermoMaven HT04 thermometer comes with one AAA battery pre-installed. To activate the thermometer for first use, ensure the battery compartment is securely closed. If replacing the battery, open the battery cover on the back of the device, insert a new AAA battery with the correct polarity, and close the cover.

3.2 Initial Activation

To turn on the thermometer, simply unfold the probe from its stored position. The display will automatically illuminate and show the current temperature.

NIST Certified Accurate to $\pm 0.5^{\circ}\text{F}$

We don't just claim accuracy, we back it up.

NIST NATIONAL INSTITUTE OF
STANDARDS AND TECHNOLOGY
U.S. DEPARTMENT OF COMMERCE



Figure 4: Unfolding the probe to activate the thermometer.

4. OPERATING INSTRUCTIONS

4.1 Taking a Temperature Reading

1. Unfold the probe to turn on the thermometer.
2. Insert the thin tip of the probe into the thickest part of the food, avoiding bones.
3. Wait approximately 0.5 seconds for the temperature to stabilize on the backlit display.
4. To hold the current reading on the display, press the "LOCK" button located on the side of the device. Press again to release.
5. Once finished, fold the probe back into the housing to turn off the thermometer. The device will also automatically power off after a period of inactivity.

As Fast As The Blink of An Eye

Innovative Thermocouple sensors applied.

3X

faster
than other

0.5

seconds
reading

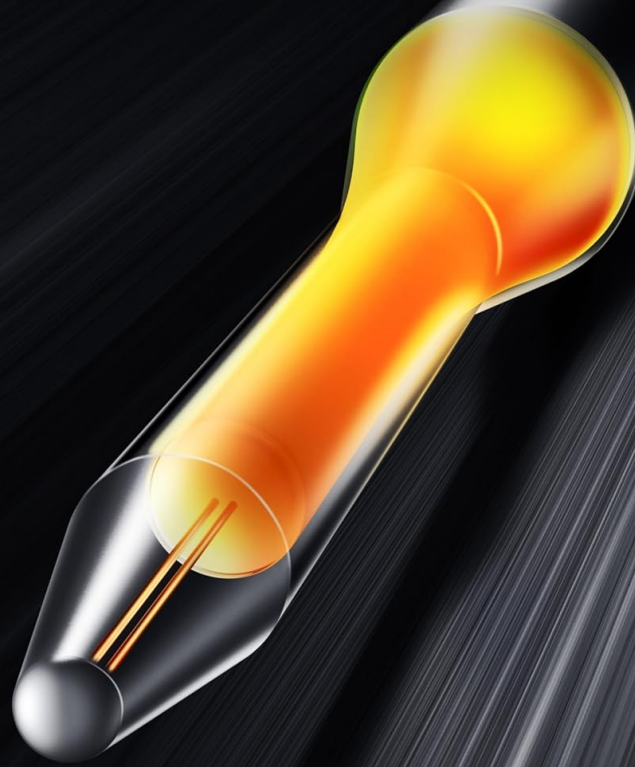


Figure 5: Measuring the temperature of food.

4.2 Switching Temperature Units (°F/°C)

To switch between Fahrenheit (°F) and Celsius (°C), locate the small "C/F" button on the backside of the thermometer. Press this button to toggle between the two units.

4.3 Auto-Rotating Display

The display automatically rotates to ensure the temperature reading is always upright, regardless of the angle at which the thermometer is held. This feature enhances readability for all users.

Your browser does not support the video tag.

Video 1: Demonstration of the ThermoMaven F1 Turbo's features, including fast reading, waterproof design, and auto-rotating display.

5. MAINTENANCE

5.1 Cleaning Instructions

The ThermoMaven HT04 is IP67 waterproof and designed for easy cleaning.

- Hand wash the probe and body with warm, soapy water.
- Rinse thoroughly under running water.
- Wipe dry with a clean cloth.
- Do not immerse the entire unit in water for extended periods, despite its waterproof rating.
- Do not place in a dishwasher.

5.2 Storage

Store the thermometer with the probe folded to protect it and conserve battery life. Utilize the integrated magnet to attach it to metallic surfaces (e.g., refrigerator) or hang it using the built-in hole.

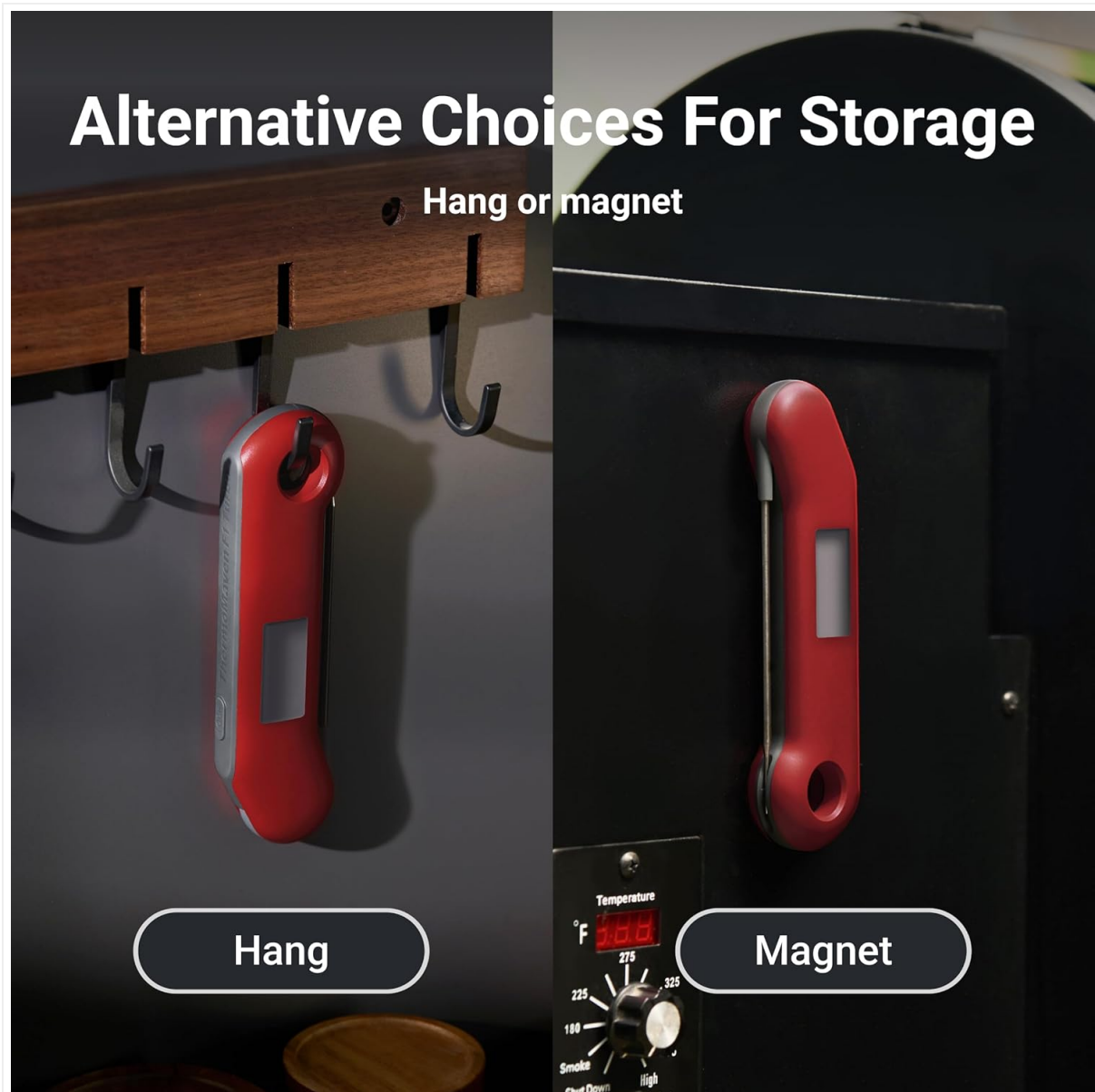


Figure 6: Flexible storage options: hanging or magnetic attachment.

6. TROUBLESHOOTING

- **No Display:** Ensure the probe is fully unfolded. Check if the AAA battery is correctly installed and has sufficient charge. Replace the battery if necessary.
- **Inaccurate Readings:** Verify the probe is inserted into the thickest part of the food, away from bones. Allow sufficient time (approx. 0.5 seconds) for the reading to stabilize. If issues persist, refer to the included calibration certificate for details on its NIST certification.

- **Display Not Rotating:** The auto-rotating display relies on motion. Ensure the thermometer is being moved or held in different orientations. If it remains static, the display may not rotate.

7. SPECIFICATIONS

Model Name:	HT04
Response Time:	0.5 seconds
Accuracy:	±0.5°F (±0.3°C)
Waterproof Rating:	IP67
Temperature Units:	Fahrenheit (°F) / Celsius (°C)
Display Type:	Digital, Backlit, Auto-Rotating
Power Source:	1 x AAA Battery (included)
Outer Material:	Plastic
Item Length:	6.7 Inches
Upper Temperature Rating:	572 Degrees Fahrenheit
Certifications:	NIST, NSF

8. INCLUDED COMPONENTS

- ThermoMaven Digital Meat Thermometer (Model HT04) x 1
- AAA Battery x 1 (pre-installed)
- User Guide x 1
- Calibration Certificate x 1

9. WARRANTY AND SUPPORT

The ThermoMaven Professional Digital Meat Thermometer is rigorously tested and guaranteed for precision. For warranty claims or technical support, please refer to the contact information provided on the product packaging or the official ThermoMaven website.