

Ooni Digital Infrared Thermometer User Manual

Model: UU-P25B00

Brand: Ooni

INTRODUCTION

This manual provides comprehensive instructions for the safe and effective use of your Ooni Digital Infrared Thermometer. Designed for precision and ease of use, this thermometer is an essential tool for achieving optimal cooking temperatures, especially for Ooni pizza ovens.

Please read this manual thoroughly before operating the device and retain it for future reference.

SAFETY INFORMATION

- Do not point the laser directly at eyes or reflective surfaces. The laser is a Class 2 laser product.
- Keep the device away from extreme temperatures, direct sunlight, and moisture.
- Do not attempt to disassemble or modify the thermometer. Refer all servicing to qualified personnel.
- Dispose of batteries according to local regulations.
- This device is intended for measuring surface temperatures and should not be used for medical purposes.

PRODUCT OVERVIEW

The Ooni Digital Infrared Thermometer is a high-precision tool designed to measure extreme surface temperatures quickly and accurately. It features a backlit LCD display and an adjustable emissivity setting.



Figure 1: Ooni Digital Infrared Thermometer, showing its sleek black design and digital display.

Key Features:

- **Accurate Calibration:** Calibrated for cordierite baking stones, with adjustable emissivity for other materials.
- **Fast Readings:** High-resolution LCD delivers temperature in less than 300 milliseconds.
- **Temperature Scan Mode:** Easily determine minimum, maximum, and average surface temperatures.
- **Digital Display:** Backlit LCD for easy reading in any light condition.
- **Improved Design:** Laser-guided precision with included Duracell batteries and a removable hang loop.

Components:

- Ooni Digital Infrared Thermometer
- 2 x AAA Duracell batteries
- Aluminum hang loop



Figure 2: The thermometer alongside its included AAA Duracell batteries and aluminum hang loop.

SETUP

- 1. Install Batteries:** Locate the battery compartment, typically at the base of the handle. Insert the two AAA Duracell batteries, ensuring correct polarity (+/-).
- 2. Attach Hang Loop (Optional):** If desired, attach the aluminum hang loop to the designated slot at the bottom of the thermometer handle for convenient storage.



Figure 3: The thermometer with its removable hang loop, illustrating how it can be attached or detached.

OPERATING INSTRUCTIONS

Taking a Temperature Reading:

- 1. Power On:** Press and hold the trigger button located on the handle to power on the thermometer. The backlit LCD display will illuminate.
- 2. Aim the Laser:** Point the thermometer's laser beam at the surface you wish to measure. For Ooni pizza ovens, aim at the center of the baking stone.



Figure 4: A hand holding the Ooni thermometer, with the red laser dot visible, indicating the measurement target.

3. **Read Temperature:** While holding the trigger, the temperature will be displayed on the LCD screen. The display provides numerical and color-coded temperature information.



Figure 5: The Ooni thermometer's display showing a temperature reading, with clear numerical and color-coded indicators.

4. **Release Trigger:** Release the trigger to hold the last measured temperature on the display. The device will automatically power off after a period of inactivity to conserve battery.

Adjusting Emissivity:

The thermometer is pre-calibrated for Ooni cordierite baking stones. For other surfaces (e.g., steel, different materials), you may need to adjust the emissivity setting for accurate readings. Refer to the thermometer's on-screen menu or specific instructions for emissivity adjustment, typically accessed via dedicated buttons on the device.

Using Temperature Scan Mode:

To utilize the Temperature Scan Mode, continuously hold the trigger button while sweeping the thermometer across the surface. The display will dynamically update to show minimum, maximum, and average temperatures encountered during the scan, providing a comprehensive temperature profile of the area.



Figure 6: An individual using the Ooni thermometer to check the temperature of a pizza oven's baking surface, demonstrating practical application.



Figure 7: The thermometer in use outdoors, measuring the temperature of a pizza oven, highlighting its suitability for outdoor cooking environments.

MAINTENANCE

- **Cleaning:** Wipe the thermometer clean with a soft, damp cloth. Do not use abrasive cleaners or immerse the device in water.

- **Storage:** Store the thermometer in a dry, cool place away from direct sunlight and extreme temperatures. The included hang loop can be used for convenient storage.



Figure 8: The Ooni thermometer conveniently hanging from a hook, demonstrating its storage capability using the integrated hang loop.

- **Battery Replacement:** Replace batteries when the low battery indicator appears on the display. Always use new AAA batteries.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No display/Device won't turn on	Dead or incorrectly installed batteries.	Check battery polarity. Replace batteries with new AAA batteries.
Inaccurate readings	Incorrect emissivity setting for the surface being measured; sensor obstruction; device too far from target.	Adjust emissivity setting. Ensure sensor lens is clean. Move closer to the target surface.

Problem	Possible Cause	Solution
Laser not visible	Laser function disabled; bright ambient light.	Check device settings to ensure laser is enabled. Use in less bright conditions if possible.

SPECIFICATIONS

- **Model Number:** UU-P25B00
- **Power Source:** 2 x AAA batteries (included)
- **Display Type:** Digital LCD, Backlit
- **Connectivity Technology:** Infrared
- **Special Features:** Fast Reading System, High Accuracy, Adjustable Emissivity
- **Outer Material:** Plastic
- **Color:** Black
- **Included Components:** Thermometer, 2 AAA Duracell batteries, aluminum hang loop
- **Product Care:** Wipe Clean



Figure 9: Dimensions of the Ooni Digital Infrared Thermometer, providing physical measurements for reference.

WARRANTY & SUPPORT

For warranty information and customer support, please refer to the official Ooni website or contact Ooni customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

Manufacturer: Ooni

Date First Available: August 1, 2023

For further assistance, visit the [Ooni Store on Amazon](#) or the official Ooni website.

© 2023 Ooni. All rights reserved.