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- › [Cooper-Atkins](#) /
- › [Cooper-Atkins DPP400W-0-8 Digital Pocket Thermometer User Manual](#)

Cooper-Atkins DPP400W-0-8

Cooper-Atkins DPP400W-0-8 Digital Pocket Thermometer User Manual

1. INTRODUCTION

This manual provides instructions for the proper use and maintenance of your Cooper-Atkins DPP400W-0-8 Digital Pocket Thermometer. This device is designed for accurate temperature measurement with a 2-3/4 inch stem length and a 3/4 inch tip, featuring a convenient on/off button for ease of use.

2. SAFETY INFORMATION

- **Probe Safety:** The thermometer probe is sharp. Handle with care to prevent injury.
- **Temperature Limits:** Do not expose the thermometer to temperatures exceeding its specified upper limit of 392°F (200°C) or below its lower limit, as this may damage the device.
- **Electrical Safety:** This device is battery-powered. Do not attempt to open the sealed electronic components.
- **Cleaning:** Always clean the probe thoroughly before and after each use to prevent cross-contamination. Refer to the maintenance section for cleaning instructions.
- **Storage:** Store the thermometer in a clean, dry place, away from extreme temperatures and direct sunlight.

3. PACKAGE CONTENTS

- 1 x Cooper-Atkins DPP400W-0-8 Digital Test Pocket Thermometer

4. SETUP

4.1 Battery Installation/Check

The thermometer requires one Type 357 battery. If the display does not turn on or appears dim, the battery may need to be installed or replaced.

1. Locate the battery compartment cover, typically on the back or side of the thermometer.
2. Use a small coin or screwdriver to open the compartment.
3. Insert a new Type 357 battery, ensuring the correct polarity (+/-).

4. Securely close the battery compartment cover.



Image of the Cooper-Atkins DPP400W-0-8 Digital Pocket Thermometer, showing its digital display and stainless steel probe.

5. OPERATING INSTRUCTIONS

5.1 Turning On/Off

- To turn the thermometer **ON**, press the **ON/OFF** button. The digital display will illuminate.
- To turn the thermometer **OFF**, press the **ON/OFF** button again. Turning off the device after each use helps conserve battery life.

5.2 Taking a Temperature Reading

1. Ensure the thermometer is clean and sanitized.
2. Turn on the thermometer by pressing the **ON/OFF** button.
3. Insert the stainless steel probe into the substance or food item you wish to measure. Ensure the 2-3/4 inch stem is adequately immersed, with the 3/4 inch tip reaching the core of the item for accurate readings.
4. Wait for the reading on the digital display to stabilize. The thermometer has a rapid response time of approximately 500 milliseconds.
5. Read the temperature displayed.
6. Remove the probe and turn off the thermometer.

6. MAINTENANCE

6.1 Cleaning

The thermometer is designed for easy cleaning.

- After each use, wipe the stainless steel probe with a damp cloth and mild detergent.
- Rinse the probe with clean water.
- Dry the probe thoroughly before storage.
- Do not immerse the entire thermometer body in water, as this may damage the electronic components. The outer material is ABS plastic and can be wiped clean.

6.2 Battery Replacement

When the display becomes dim or the thermometer fails to turn on, replace the Type 357 battery as described in the Setup section (4.1).

6.3 Storage

Store the thermometer in its protective sleeve or a safe place to prevent damage to the probe and display. Avoid storing in areas with extreme temperatures or high humidity.

7. TROUBLESHOOTING

- **Thermometer will not turn on:** Check the battery. Ensure it is correctly installed and has sufficient charge. Replace with a new Type 357 battery if necessary.
- **Inaccurate readings:** Ensure the probe is inserted deeply enough into the substance. Verify the battery is not low, as a weak battery can affect accuracy.
- **Display is dim or flickering:** This typically indicates a low battery. Replace the Type 357 battery.

8. SPECIFICATIONS

Model Name:	Digital Test Pocket Thermometer
Model Number:	DPP400W-0-8
Brand:	Cooper-Atkins Corporation
Display Type:	Digital
Stem Length:	2.75 Inches (2-3/4 inches)
Tip Size:	3/4 inch
Upper Temperature Rating:	392 Degrees Fahrenheit (200°C)
Response Time:	500 Milliseconds
Power Source:	Battery Powered (Type 357 recommended)
Outer Material:	ABS plastic
Certifications:	CE, NSF
Item Weight:	1.76 ounces

9. WARRANTY AND SUPPORT

For warranty information or technical support, please contact Cooper-Atkins Corporation directly through their official website or customer service channels. Please have your model number (DPP400W-0-8) and purchase details available when contacting support.