Taylor 9842

Taylor 9842 Waterproof Digital Pocket Probe Thermometer

Model: 9842

Introduction

The Taylor 9842 Waterproof Digital Pocket Probe Thermometer is a precision instrument designed for accurate temperature measurement in various applications, particularly in the food industry. Its compact size, durable construction, and waterproof design make it an essential tool for ensuring food safety and quality. This manual provides comprehensive instructions for the proper setup, operation, and maintenance of your thermometer.



Image: The Taylor 9842 thermometer, featuring a yellow main body with a digital display and control buttons, attached to a slender metal probe. A matching yellow protective sleeve is shown next to it.

Safety Information

Please read and understand all safety precautions before using the thermometer. Improper use may result in injury or damage to the device.

- The probe tip is sharp. Handle with care to prevent injury.
- Do not expose the thermometer to temperatures outside its specified range (-40°F to 450°F / -40°C to 230°C).
- While the thermometer is waterproof, avoid prolonged submersion or exposure to extreme water pressure. Ensure the battery compartment is securely closed before exposure to liquids.
- Keep out of reach of children.
- Do not attempt to disassemble or modify the thermometer. Refer all servicing to qualified personnel.

Setup

Battery Installation

The Taylor 9842 thermometer is powered by a single battery. To install or replace the battery:

1. Locate the battery compartment on the side of the thermometer's head.
2. Carefully slide out the battery tray.
3. Insert the new battery, ensuring correct polarity (+/-).
4. Slide the battery tray back into the compartment until it clicks securely into place. Ensure a tight seal for waterproof integrity.

Initial Preparation

Before first use, clean the probe with a damp cloth and mild detergent. Rinse thoroughly and dry. Always ensure the protective sleeve is removed before use.

Operating Instructions

Turning On/Off

Press the **ON/OFF** button to turn the thermometer on. The display will show the current temperature. To turn off the thermometer, press and hold the **ON/OFF** button for a few seconds until the display turns off.

Switching Temperature Units (°F/°C)

To switch between Fahrenheit (°F) and Celsius (°C), press the**°F/°C** button located on the front of the thermometer.

Taking a Temperature Reading

Insert the stainless steel probe into the center of the food or liquid you wish to measure. Ensure the probe tip is fully immersed and not touching any bones or the bottom of the cooking vessel. The temperature reading will stabilize on the digital display within a few seconds.

Calibration

For optimal accuracy, periodic calibration may be necessary. The Taylor 9842 can be calibrated using the ice point method or boiling point method.
To calibrate using the boiling point method:

1. Bring a pot of clean water to a rolling boil.
2. Insert the thermometer probe into the boiling water, ensuring the tip is fully submerged and not touching the bottom or sides of the pot.
3. Allow the reading to stabilize. It should read 212°F (100°C) at sea level.
4. If the reading is not accurate, locate the small calibration screw on the back of the thermometer's head.
5. Using a small screwdriver or the calibration tool provided (if applicable), gently turn the screw until the display reads the correct boiling point temperature (212°F or 100°C).
6. Remove the thermometer from the water and allow it to cool before storing.

Note: Boiling point varies with altitude. Consult a reliable source for the accurate boiling point at your specific altitude.

Maintenance

Cleaning

After each use, clean the thermometer probe with a damp cloth and mild soap. Rinse thoroughly with clean water. The thermometer is waterproof, allowing for easy cleaning under running water. Do not use abrasive cleaners or scouring pads, as these can damage the probe or display.

Storage

Always store the thermometer with its protective sleeve in place to prevent damage to the probe. Store in a clean, dry place away from extreme temperatures.

Troubleshooting

Problem	Possible Cause	Solution
Display shows "LLL" or "HHH"	Temperature is outside the measurable range (-40°F to 450°F / -40°C to 230°C).	Ensure the thermometer is used within its specified temperature range.
No display or dim display	Low or dead battery.	Replace the battery. Ensure correct polarity.
Inaccurate readings	Needs calibration; probe not fully inserted; probe touching bone/pan.	Calibrate the thermometer (refer to Calibration section). Ensure proper probe insertion.
Fogged display (internal moisture)	Compromised waterproof seal.	Ensure battery compartment is sealed tightly. If fogging persists, the waterproof seal may be compromised, and the unit may need replacement.

Specifications

Model: 9842

Temperature Range: -40°F to 450°F (-40°C to 230°C)

Probe Diameter: 1.5mm

Special Feature: Waterproof

Display Type: Digital

Power Source: Battery Powered

Material: Plastic (Outer Material)

Color: Goldish yellow

Dimensions: 1.3 x 4.9 x 8.9 inches; 1.6 ounces

Manufacturer: COLE-PARMER

Warranty and Support

This Taylor 9842 Waterproof Digital Pocket Probe Thermometer comes with a**1-year guarantee** from the date of purchase, covering defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.
For technical support, warranty inquiries, or replacement parts, please contact Taylor customer service. Refer to the product packaging or the official Taylor website for the most current contact information.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question