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pemclen PT010730

PEMCLEN PT01 Digital Instant Read Food Thermometer User Manual

Model: PT010730

1. Product Overview

The PEMCLEN Digital Instant Read Food Thermometer (Model PT010730) provides fast and accurate temperature readings for various cooking applications. It features a dual-probe design, including a 180° foldaway probe for general use and a wired probe for oven-safe measurements. The large, backlit LCD screen ensures easy readability, and the device includes a temperature hold function, a programmable alarm, and an automatic shut-off feature to conserve battery life. Its magnetic back and hanging hole offer convenient storage options.



Image 1.1: The PEMCLEN PT01 Digital Instant Read Food Thermometer, showcasing its main unit with a folded probe and a separate wired probe. The display is visible, indicating its digital interface.

2. Package Contents

- PEMCLEN Digital Instant Read Food Thermometer (Model PT010730)
- CR2032H Button Battery (included)

3. Setup

3.1 Battery Installation

1. Locate the battery compartment on the back of the thermometer.
2. Open the compartment cover.
3. Insert the included CR2032H button battery, ensuring the correct polarity (+/-) as indicated inside the compartment.

4. Close the battery compartment cover securely.

3.2 Initial Use

1. Remove any protective films from the display or probes.
2. The thermometer is ready for use once the battery is installed.

4. Operating Instructions

4.1 Power On/Off

1. To power on the thermometer, simply unfold the 180° rotational probe. The display will illuminate.
2. The thermometer will automatically shut off after 10 minutes of inactivity to conserve battery life. To manually turn off, fold the probe back into its housing.

4.2 Temperature Measurement

1. **Using the Foldable Probe:** Carefully insert the 4.3-inch foldable stainless steel probe into the thickest part of the food, avoiding bone or gristle. The temperature will display on the screen within 2-3 seconds.
2. **Using the Wired Probe:** Connect the 6.3-inch wired probe to the designated port on the thermometer. Insert the wired probe into the food. The 42-inch cable allows the main thermometer unit to remain outside the oven, grill, or smoker while the probe monitors internal temperature.

4.3 Hold Function

1. After taking a temperature reading, press the 'HOLD' button (if available) to lock the current temperature on the display. This allows you to view the reading without keeping the probe in the heat. Press 'HOLD' again to release.

4.4 Temperature Alarm Setting

1. Press the 'ALARM' button (if available) to activate the alarm function.
2. Use the '+' and '-' buttons to set your desired target temperature.
3. Once the food reaches the set temperature, the thermometer will emit an audible beep and the screen will flash to alert you.

4.5 Celsius/Fahrenheit Switch

1. Locate the °C/°F button (typically on the back or inside the battery compartment) and press it to toggle between Celsius and Fahrenheit temperature units.

4.6 0°C Calibration Function

1. This thermometer features a 0°C calibration function to ensure long-term accuracy. For detailed calibration steps, please refer to the specific instructions provided on the device or contact customer support if needed.

5. Care and Maintenance

1. **Cleaning:** Clean the thermometer probe with a wet cloth and dry thoroughly after every use. Do not immerse the entire thermometer body in water or place it in a dishwasher.
2. **Storage:** The thermometer has an internal magnet and a large hanging hole for convenient storage. You can attach it to a refrigerator or hang it on a kitchen hook. Store in a dry place away from extreme temperatures.

6. Troubleshooting

1. **No Display:** Check battery installation and ensure the battery has sufficient power. Replace the CR2032H battery if necessary.
2. **Inaccurate Reading:** Ensure the probe is inserted correctly into the thickest part of the food, avoiding bone. If issues persist, consider performing the 0°C calibration function.
3. **Alarm Not Working:** Verify that the alarm temperature is set correctly and that the alarm function is activated.

7. Specifications

Feature	Specification
Temperature Range	-58°F to 572°F (-50°C to 300°C)
Accuracy Range	±0.9°F (±0.5°C)
Response Time	2-3 seconds
Probe Material	Food grade stainless steel
Rotational Probe Length	4.3 inches
Wired Probe Length	6.3 inches
Wired Probe Cable Length	42 inches
Battery Type	1 x CR2032H button battery
Battery Life	Up to 500 hours
Auto Shut-Off	10 minutes
Dimensions	6.3 x 1.4 x 0.66 inches
Weight	0.19 lbs (2.72 ounces)
Special Features	Dual Probe, Backlight LCD, Hold Function, Temperature Alarm, Magnetic Back, Hanging Hole, 0°C Calibration
Product Care	Oven Safe (wired probe only), Wipe Clean
Specification Met	FDA

8. Important Safety Warnings

- **Do not touch hot probes with bare hands.** Always use oven mitts or heat-resistant gloves when handling probes that have been exposed to heat.
- **Do not expose the probe to open flame directly.** This can damage the probe and affect accuracy.
- **Do not leave the main thermometer body in the oven while cooking.** Only the wired probe is designed to withstand oven temperatures. The main unit should remain outside.
- **Clean the thermometer with a wet cloth and dry thoroughly after every use.** Do not immerse the main unit in water.
- Keep out of reach of children.

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