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› ThermoPro TP110 Refrigerator Thermometer User Manual

ThermoPro TP110

ThermoPro TP110 Refrigerator Thermometer User Manual

Model: TP110 | Brand: ThermoPro

INTRODUCTION

Thank you for purchasing the ThermoPro TP110 Refrigerator Thermometer. This device is designed to accurately monitor temperatures in refrigerators, freezers, and other environments, ensuring optimal conditions for food storage and other applications. Please read this manual thoroughly before use to ensure proper operation and longevity of your device.



Image: The ThermoPro TP110 Refrigerator Thermometer, a compact white device with a large digital display showing temperature readings.

KEY FEATURES

- **Wide Temperature Range & High Accuracy:** Measures from -30°C to 50°C (-22°F to 122°F) with an accuracy of $\pm 0.5^{\circ}\text{C}$ ($\pm 1^{\circ}\text{F}$).
- **Optimal Readability:** Features an oversized LCD screen with a bright backlight for easy reading, even in low-light conditions.
- **Superior Waterproofing:** IPX6 rated design ensures reliable operation in humid and cold environments.
- **Max/Min Temperature Recording:** Tracks and displays the maximum and minimum temperatures over the last 24 hours, allowing you to monitor temperature fluctuations.
- **Multiple Placement Options:** Equipped with a magnet, a hanging hook, and a kickstand for versatile placement.
- **Easy Battery Replacement:** Designed with a rotating battery compartment for quick and tool-free battery changes.

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THERMOMÈTRE POUR RÉFRIGÉRATEUR



Rétroéclairage



Étanche



MAX/MIN



Image: A comparison chart highlighting the ThermoPro TP110's features such as backlight, easy battery change, $\pm 0.5^{\circ}\text{C}$ precision, full screen, waterproof design, and MAX/MIN temperature tracking, contrasting it with other thermometers.

PACKAGE CONTENTS

- 1 x ThermoPro TP110 Refrigerator Thermometer
- 1 x CR2032 Battery (pre-installed)
- 1 x User Manual

SETUP

1. Battery Installation

The ThermoPro TP110 comes with a CR2032 battery pre-installed. If the display is not active or shows a low battery indicator, please replace the battery:

1. Locate the battery compartment on the back of the thermometer.
2. Rotate the battery cover counter-clockwise to the "OPEN" position.
3. Remove the old CR2032 battery.
4. Insert a new CR2032 battery with the positive (+) side facing up.
5. Rotate the battery cover clockwise to the "LOCK" position to secure it.

REPLACEMENT FACILE DES PILES



Image: A three-step visual guide demonstrating how to easily replace the battery by rotating the cover to open, inserting a new battery, and rotating to lock.

2. Placement Options

The thermometer offers three convenient placement options:

- **Magnetic Back:** Attach the thermometer to any metallic surface, such as a refrigerator door.
- **Hanging Hook:** Use the integrated hook to hang the thermometer from a shelf or rack.
- **Fold-out Stand:** Utilize the stand on the back to place the thermometer upright on a flat surface.

ADAPTÉ À DIVERS USAGES



Image: Illustrations showing the thermometer used in different environments: a domestic refrigerator, a portable cooler, a car refrigerator, a refrigerated truck, and a wine cellar, demonstrating its versatility.

OPERATING INSTRUCTIONS

1. Power On/Off

The thermometer automatically powers on when the battery is installed. To turn it off, press and hold the power button (if available, otherwise it's always on). It features an automatic shutdown after 10 seconds of inactivity to conserve battery life, but will reactivate upon temperature change or button press.

2. Temperature Unit Selection

Press the "°C/°F" button to switch between Celsius and Fahrenheit temperature displays.

3. Backlight Activation

Touch the light bulb icon on the screen to activate the backlight for 10 seconds, improving visibility in dark conditions.

4. Max/Min Temperature Records

The thermometer automatically records the maximum and minimum temperatures over a 24-hour period. These values are displayed on the screen alongside the current temperature. The records reset every 24 hours or when the battery is replaced.

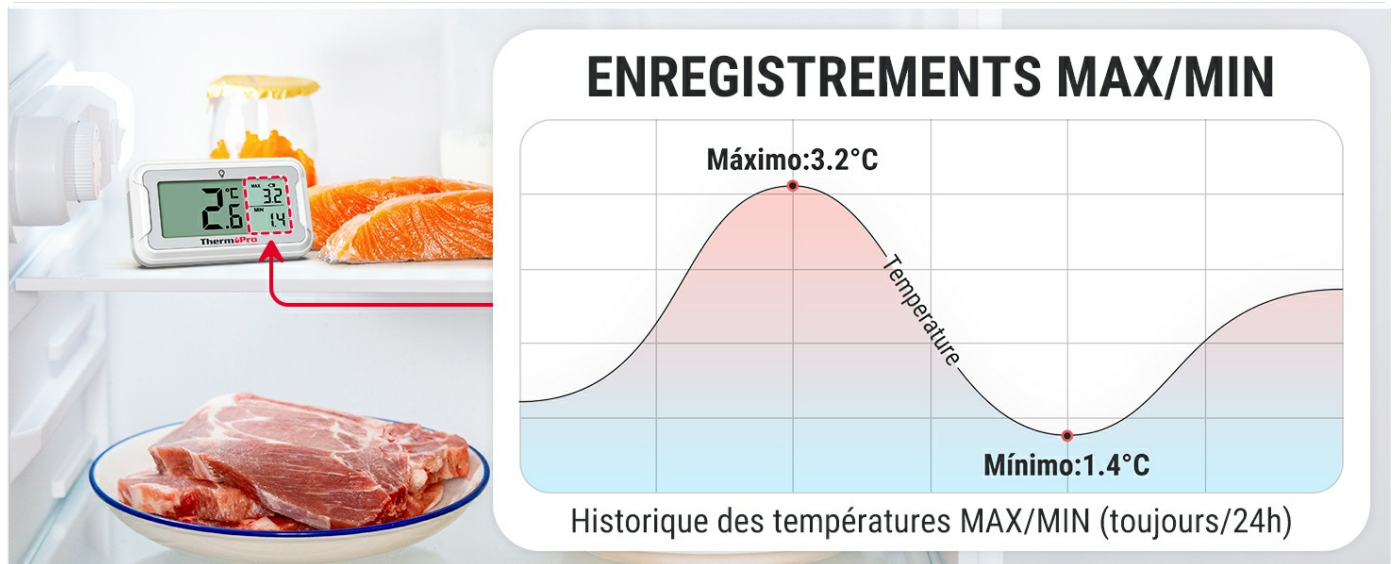


Image: The thermometer placed near raw meat in a refrigerator, showing current, maximum, and minimum temperatures. An accompanying graph illustrates the 24-hour temperature history, highlighting the highest and lowest points.

MAINTENANCE

- **Cleaning:** Wipe the thermometer with a damp cloth. Do not immerse it in water or use abrasive cleaners.
- **Battery Replacement:** Replace the CR2032 battery when the low battery indicator appears on the display. Refer to the "Battery Installation" section for instructions.
- **Storage:** If storing for an extended period, remove the battery to prevent leakage. Store in a dry place away from extreme temperatures.



Image: The ThermoPro TP110 thermometer partially submerged in water, with water droplets splashing around it, illustrating its IPX6

waterproof rating.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No display or faint display	Low or dead battery; battery inserted incorrectly.	Replace the CR2032 battery, ensuring correct polarity.
Inaccurate temperature readings	Thermometer placed too close to a heat source or vent; sensor obstruction.	Relocate the thermometer to a central area of the refrigerator/freezer, away from direct airflow or heat sources.
Backlight not working	Battery low; temporary malfunction.	Replace battery. If problem persists, contact customer support.

SPECIFICATIONS

Feature	Detail
Temperature Range	-30°C to 50°C (-22°F to 122°F)
Accuracy	±0.5°C (±1°F)
Display Type	Digital LCD with Backlight
Waterproof Rating	IPX6
Power Source	1 x CR2032 Battery (included)
Material	Plastic
Dimensions (approx.)	8 cm (Length)
Special Features	Large screen, High precision, Low battery indicator, Backlit, Waterproof, Max/Min record



Image: A visual representation of the ThermoPro TP110's large LCD screen, showing its approximate dimensions of 8cm by 6cm, and highlighting the backlight feature.

WARRANTY AND SUPPORT

ThermoPro provides a warranty for this product against defects in materials and workmanship. For detailed warranty information, product registration, or technical support, please visit the official ThermoPro website or contact their customer service. Keep your purchase receipt as proof of purchase.

Manufacturer: ThermoPro

Country of Origin: China

For further assistance, please refer to the contact information provided on the ThermoPro official website.

