

## ThermoPro TP157

# ThermoPro TP157 Hygrometer Indoor Thermometer User Manual

Model: TP157

Brand: ThermoPro

## 1. INTRODUCTION

The ThermoPro TP157 Hygrometer Indoor Thermometer is designed to provide accurate and fast readings of indoor temperature and humidity. This compact device helps you monitor environmental conditions in various spaces such as your home, baby room, greenhouse, or office, ensuring a comfortable and healthy living environment. Its high-performance sensor refreshes readings every 10 seconds, allowing for timely adjustments to your humidistat or thermostat.



Figure 1: ThermoPro TP157 Hygrometer Indoor Thermometer

## 2. PACKAGE CONTENTS

Upon opening the box, please ensure all the following items are included:

- 1 x ThermoPro TP157 Hygrometer Indoor Thermometer
- 1 x AAA Battery
- 1 x User Manual
- 1 x Customer Support Card

# Indoor Thermometer Hygrometer



Temperature



Humidity



°F/°C Selector



Comfort Indicator



10S Refresh



AAA Battery



Figure 2: Package Contents

## 3. SETUP

Follow these steps to set up your ThermoPro TP157:

1. **Battery Installation:** Locate the battery compartment on the back of the device. Open the cover and insert the included 1 AAA battery, ensuring correct polarity (+/-). Close the battery compartment cover securely.
2. **Initial Power On:** The device will automatically power on once the battery is correctly installed. The current temperature and humidity readings will appear on the LCD display.
3. **Calibration:** For the most accurate readings, allow the device to stabilize in its intended location for at least 30 minutes to an hour.

# High Accuracy & Sensitivity



Temperature Accuracy  
 $\pm 1^{\circ}\text{F}/^{\circ}\text{C}$



Refresh Time  
10s



Humidity Accuracy  
2%-3%RH

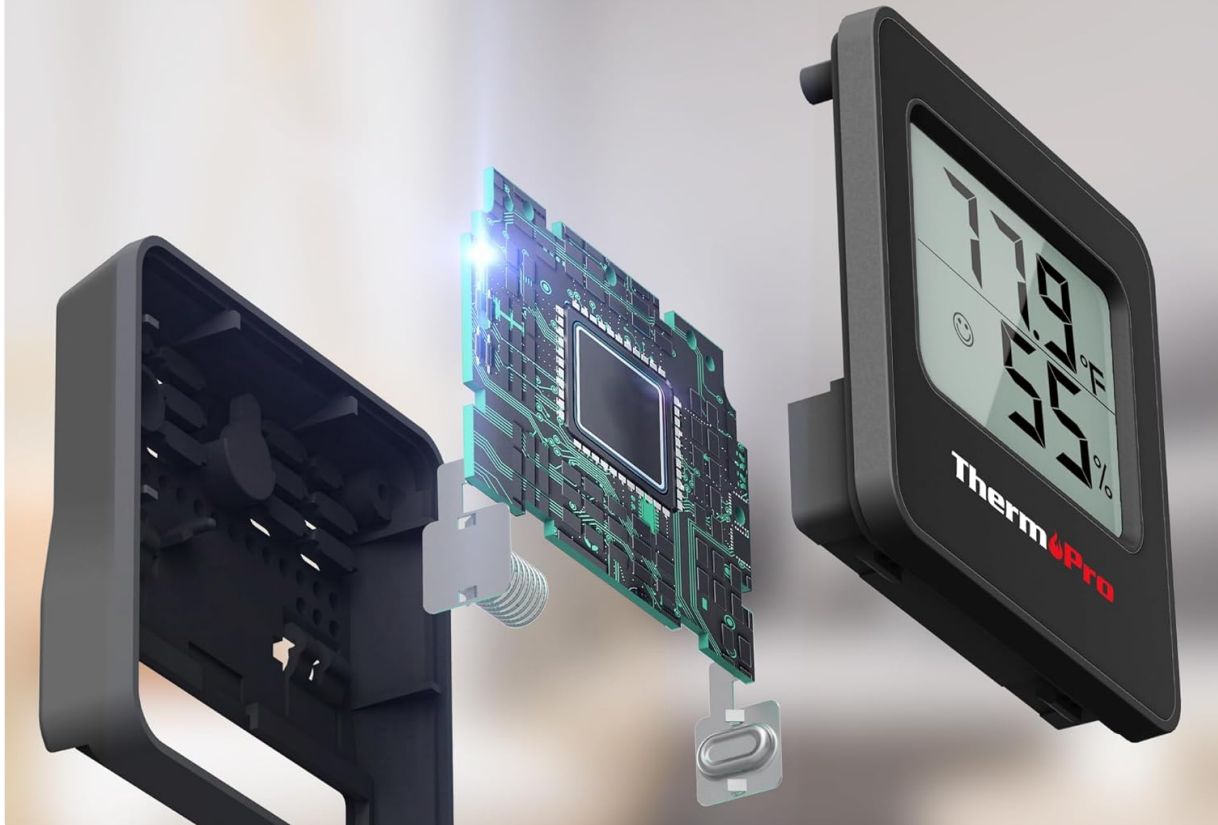


Figure 3: Battery Installation

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Video 1: Introduction and Setup of the ThermoPro TP157 Hygrometer. This video demonstrates the unboxing, battery installation, and initial power-on of the device.

## 4. OPERATING INSTRUCTIONS

### 4.1. LCD Display

The large, clear LCD display shows temperature and humidity readings with compact digits for easy viewing from various angles and distances.

- **Temperature:** Displays the current temperature in either Fahrenheit ( $^{\circ}\text{F}$ ) or Celsius ( $^{\circ}\text{C}$ ).
- **Humidity:** Shows the current relative humidity percentage (%).
- **Comfort Indicator:** Three face icons visually represent the current air conditions:
  - **DRY** (*sad face*): Humidity is below 30%.
  - **COMFORT** (*smiley face*): Humidity is between 30% and 60%, and temperature is between  $68^{\circ}\text{F}$  and  $79^{\circ}\text{F}$ .
  - **WET** (*neutral face*): Humidity is above 60%.



## Easy-to-read LCD Display and Portable Size



Figure 4: LCD Display with Comfort Indicator



# Face Icon Comfort Indicator

Maintain the healthiness of your living environment!



Cold



Xerosis



Tracheitis



Arthritis

Figure 5: Detailed Comfort Indicator Ranges

## 4.2. Changing Temperature Units

To switch between Fahrenheit (°F) and Celsius (°C), press the F/C button located on the back of the device. Each press will toggle the temperature unit.

## 4.3. Placement Options

The ThermoPro TP157 offers versatile placement options to suit your needs:

- **Tabletop Stand:** Utilize the foldable stand on the back to place the device upright on any flat surface, such as a desk, shelf, or nightstand.
- **Magnetic Back:** The strong magnetic back allows you to attach the hygrometer to metallic surfaces like refrigerators or metal cabinets.
- **Hanging Hole:** Use the integrated hanging hole to mount the device on a wall or hook.

## Multiple Placement Options



Figure 6: Multiple Placement Options

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Video 2: Features and Usage of the TP157 Indoor Thermometer. This video highlights the display, unit conversion, and various placement methods.

### 4.4. Bluetooth Connectivity (TP357 Model - for reference)

While the TP157 is a standalone unit, some ThermoPro models like the TP357 offer Bluetooth connectivity to a smartphone app. This allows for remote monitoring of temperature and humidity, historical data tracking, and setting alerts. If you have a Bluetooth-enabled ThermoPro device, refer to its specific manual for app pairing instructions.

## 5. MAINTENANCE

- **Battery Replacement:** When the display dims or stops showing readings, it's time to replace the AAA battery. Follow the battery installation steps in Section 3.1. The device is designed for low power consumption, offering a battery life of 18-24 months.
- **Cleaning:** Wipe the device with a soft, damp cloth. Do not use abrasive cleaners or immerse the unit in water.

## 6. TROUBLESHOOTING

If you encounter issues with your ThermoPro TP157, please refer to the following common troubleshooting tips:

| Problem                                   | Possible Cause / Solution   |
|---|---|
| Display is dim or blank.                  | Battery is low or depleted. Replace the AAA battery. Ensure correct polarity.   |
| Inaccurate temperature/humidity readings. | <ul style="list-style-type: none"><li>Device has not stabilized. Allow 30-60 minutes after placement for readings to settle.</li><li>Sensor obstruction. Ensure the vents on the device are not blocked.</li><li>Extreme environmental conditions. The device operates within specific ranges (see Specifications).</li></ul> |
| Partial digits on display.                | This can sometimes indicate a low battery or a temporary display glitch. Try replacing the battery. If the issue persists, contact customer support.  |

## 7. SPECIFICATIONS

- **Temperature Gauge Range:** -58°F to 158°F (-50°C to 70°C)
- **Temperature Accuracy:** ±1°F/°C
- **Temperature Resolution:** 0.1°F/°C
- **Humidity Meter Range:** 10% to 99% RH
- **Humidity Accuracy:** ±2% to 3% RH
- **Humidity Resolution:** 1%
- **Refresh Rate:** 10 seconds
- **Battery:** 1 x AAA 1.5V (included)
- **Battery Life:** 18-24 months
- **Product Dimensions:** 2.1"W x 0.2"H (Note: This dimension seems incomplete from source, typically includes depth)
- **Item Weight:** 1.2 ounces (34 Grams)
- **Mounting Type:** Tabletop, Magnetic, Hanging

## 8. 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 refer to the included Customer Support Card or the official ThermoPro website. You can also access the full User Manual in PDF format via this link: [ThermoPro TP157 User Manual \(PDF\)](#).

For further assistance, please contact ThermoPro USA customer service.





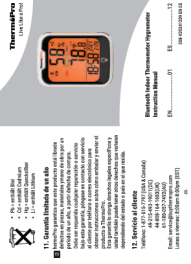
## Related Documents - TP157



### [ThermoPro TP157 Indoor Humidity and Temperature Monitor Instruction Manual](#)

Comprehensive guide for the ThermoPro TP157 indoor hygrometer and thermometer, covering setup, features, specifications, care, disposal, and warranty information.



|   |   |
|---|---|
|  | <p><a href="#">ThermoPro TP157 Indoor Humidity and Temperature Monitor - User Manual</a></p> <p>Instruction manual for the ThermoPro TP157, a wireless indoor humidity and temperature monitor. Learn about its features, specifications, setup, care, and warranty.</p>                          |
|  | <p><a href="#">ThermoPro TP60S Wireless Indoor/Outdoor Hygrometer Thermometer User Manual</a></p> <p>Comprehensive user manual for the ThermoPro TP60S wireless indoor/outdoor humidity and temperature monitor. Learn about setup, operation, features, specifications, and troubleshooting.</p> |
|  | <p><a href="#">ThermoPro TP393 Bluetooth Indoor Thermometer &amp; Hygrometer User Manual</a></p> <p>Comprehensive guide to the ThermoPro TP393, a smart Bluetooth indoor thermometer and hygrometer. Covers features, specifications, app usage, setup, and warranty information.</p>             |
|  | <p><a href="#">ThermoPro TP-50 Indoor Humidity and Temperature Monitor Instruction Manual</a></p> <p>Instruction manual for the ThermoPro TP-50, an indoor humidity and temperature monitor. Learn about its features, specifications, operation, care, and disposal.</p>                         |
|  | <p><a href="#">ThermoPro TP358 Bluetooth Indoor Thermometer Hygrometer User Manual</a></p> <p>Comprehensive user manual for the ThermoPro TP358 Bluetooth Indoor Thermometer Hygrometer, detailing its features, specifications, setup, usage, warranty, and customer support information.</p>    |