

## ThermoPro TP55

# ThermoPro TP55 Digital Thermometer Hygrometer User Manual

Model: TP55

## INTRODUCTION

Thank you for purchasing the ThermoPro TP55 Digital Thermometer Hygrometer. This device is designed to provide accurate indoor temperature and humidity readings, helping you maintain a comfortable and healthy environment. Please read this manual thoroughly before use to ensure proper operation and care.

## SAFETY INFORMATION

- Do not expose the device to excessive force, shock, dust, temperature, or humidity.
- Do not immerse the unit in water.
- Do not remove any screws or attempt to disassemble the unit.
- Do not dispose of batteries in fire. Batteries may explode or leak.
- Remove batteries if the unit is not to be used for a long period.

## PACKAGE CONTENTS

- 1 x ThermoPro TP55 Digital Thermometer Hygrometer
- 2 x AAA Batteries
- 1 x User Manual

## PRODUCT OVERVIEW

The ThermoPro TP55 features a large, easy-to-read LCD display with a backlight function for visibility in low-light conditions. It provides real-time temperature and humidity readings, along with maximum and minimum records and trend indicators.



Image: Front view of the ThermoPro TP55 Digital Thermometer Hygrometer, displaying temperature, humidity, and comfort levels.

### Key Features:

- **Large LCD Display:** 4-inch screen for clear readability.
- **Touchscreen Backlight:** Easily activate the backlight for reading in the dark.
- **High Accuracy:** Measures temperature with  $\pm 1^{\circ}\text{C}$  accuracy and humidity with  $\pm 2\text{-}3\%$  RH tolerance.
- **Max/Min Records:** Displays highest and lowest temperature and humidity readings over time.
- **Trend Indicators:** Arrows indicate whether temperature and humidity are rising, falling, or remaining constant.
- **Comfort Level Indicator:** Shows DRY, COMFORT, or WET conditions based on humidity levels.
- **Multiple Mounting Options:** Features a magnetic back, hanging hole, and a durable stand.
- **°F/°C Switcher:** Easily switch between Fahrenheit and Celsius.

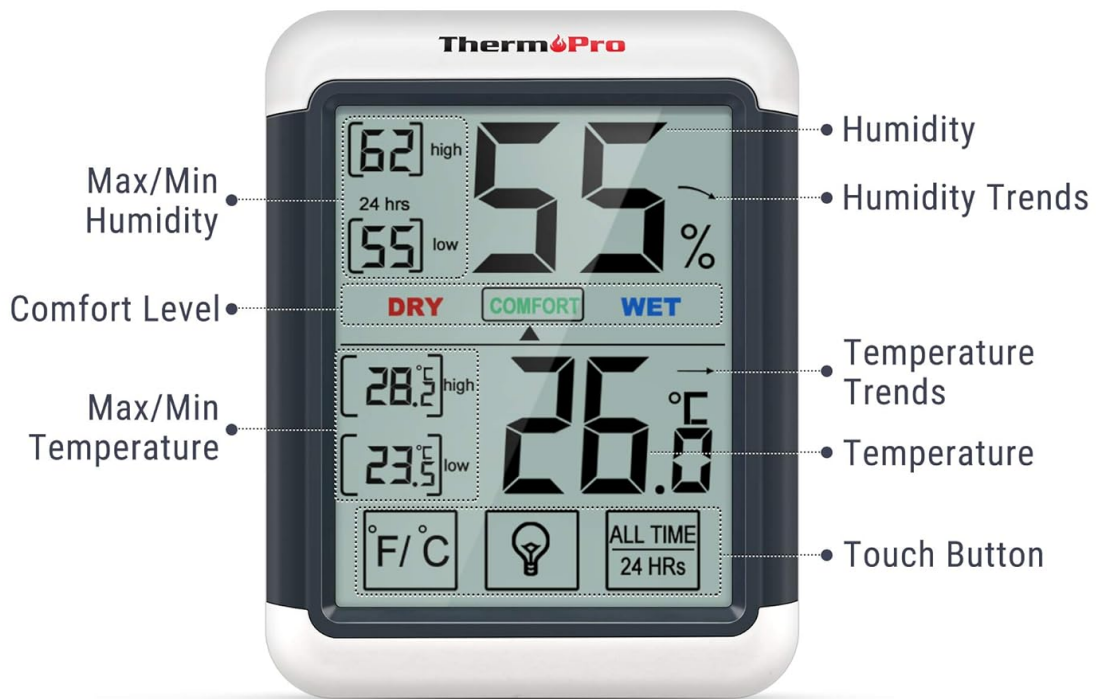
# Wide Range of Temperature and Humidity Readings & High Accuracy Levels



**Temperature Range:**  
-50°C~70°C (Accuracy:  $\pm 1^{\circ}\text{C}$ )

**Humidity Range:**  
10%~99% (Tolerance:  $\pm 2\%\sim 3\%$ )

Image: Diagram illustrating the various display features of the ThermoPro TP55, including humidity, temperature, max/min records, comfort level, and touch button.



## - Comfort Level Indicator -

<b>DRY</b>	<b>COMFORT</b>	<b>WET</b>
Humidity<30%	30%<Humidity<60%	Humidity>60%

Image: Visual representation of the comfort level indicator, showing 'DRY' for humidity below 30%, 'COMFORT' for 30-60%, and 'WET' for above 60%.

## SETUP

### 1. Battery Installation

1. Open the battery compartment cover on the back of the unit.
2. Insert two (2) AAA batteries, ensuring correct polarity (+/-).
3. Close the battery compartment cover. The device will power on automatically.

### 2. Placement

The ThermoPro TP55 offers several placement options:

- **Tabletop:** Use the integrated kickstand to place the unit on any flat surface.
- **Magnetic Mount:** The strong magnet on the back allows attachment to metallic surfaces like refrigerators.
- **Wall Mount:** Use the hanging hole to mount the unit on a wall using a screw (not included).

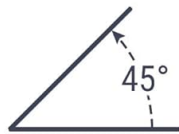
## – 3 Mounting Options –



Strong Magnet



Hanging Hole



Durable Stand



Image: Visual guide demonstrating the three mounting options: strong magnet, hanging hole, and durable stand.

## OPERATING INSTRUCTIONS

### 1. Power On/Off

The device powers on automatically upon battery installation. There is no manual power off button; it remains active to continuously monitor conditions.

### 2. Backlight Function

Touch the light bulb icon ( ) on the touchscreen to activate the backlight. The backlight will stay on for 15 seconds before automatically turning off to conserve battery life.





Image: A hand touching the light bulb icon on the ThermoPro TP55 display to activate the backlight, illustrating its use in a dark room.

### 3. Switching Temperature Units (°F/°C)

Touch the °F/°C button on the touchscreen to switch between Fahrenheit and Celsius temperature displays.

### 4. Max/Min Records and 24-Hour/All-Time Display

The device displays the highest and lowest temperature and humidity readings recorded since the last reset. You can switch between "ALL TIME" records and "24 HRS" records by touching the "ALL TIME / 24 HRS" button.

- **ALL TIME:** Shows the maximum and minimum values recorded since the device was last reset (e.g., battery change).
- **24 HRS:** Shows the maximum and minimum values recorded over the past 24 hours. These records automatically reset every 24 hours.

To manually reset the 24-hour/ALL TIME records, press and hold the "ALL TIME / 24 HRS" button for 3 seconds.

### 5. Trend Indicators

Arrows next to the temperature and humidity readings indicate the trend:

- **↑ (Up Arrow):** Indicates rising temperature/humidity.
- **→ (Right Arrow):** Indicates stable temperature/humidity.
- **↓ (Down Arrow):** Indicates falling temperature/humidity.

## MAINTENANCE

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- Clean the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Avoid exposing the device to direct sunlight or extreme temperatures.
- If the display becomes dim or unresponsive, replace the batteries.

## TROUBLESHOOTING

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### No Display or Dim Display

- Check if the batteries are inserted correctly with the correct polarity.
- Replace the batteries with new AAA batteries.

### Inaccurate Readings

- Ensure the device is placed in a location free from direct sunlight, drafts, or heat sources.
- Allow the device to stabilize for at least 30 minutes after initial setup or relocation.
- If readings seem consistently off, try replacing the batteries.

## SPECIFICATIONS

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Parameter	Value
Temperature Range	-50°C to 70°C (-58°F to 158°F)
Temperature Accuracy	±1°C (±1.8°F)
Humidity Range	10% to 99% RH
Humidity Accuracy	±2-3% RH
Display Refresh Rate	Every 10 seconds
Power Source	2 x AAA Batteries
Dimensions	12.4 x 8.9 x 3.3 cm (4.88 x 3.5 x 1.3 inches)
Weight	145 grams (5.1 oz)

# 4 Inch Large LCD Display

Easier to read at a far distance

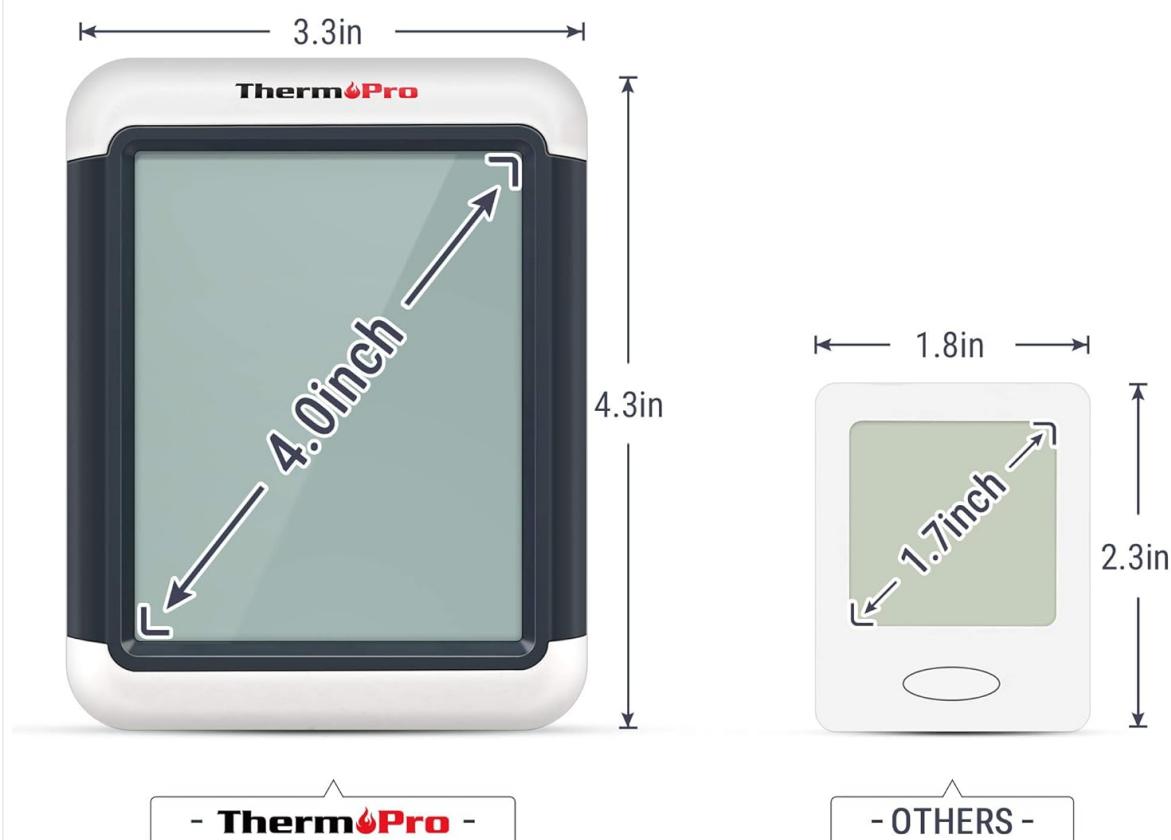


Image: Diagram showing the dimensions of the ThermoPro TP55 display (4.0 inches) compared to a smaller, generic display.







## WARRANTY & SUPPORT

ThermoPro provides a **3-year warranty** for this product from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For technical support, warranty claims, or any questions regarding the use of your ThermoPro TP55, please contact ThermoPro customer service. Details can typically be found on the official ThermoPro website or through the retailer where the product was purchased.

ThermoPro is committed to providing **lifetime support** for its products.



	<p><a href="#">ThermoPro TP157 Indoor Humidity and Temperature Monitor Instruction Manual</a></p> <p>Comprehensive guide for the ThermoPro TP157 indoor hygrometer and thermometer, covering setup, features, specifications, care, disposal, and warranty information.</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 TP-55 Indoor Humidity and Temperature Monitor Instruction Manual</a></p> <p>Instruction manual for the ThermoPro TP-55 indoor humidity and temperature monitor, detailing features, operation, specifications, safety, warranty, and disposal guidelines.</p>
	<p><a href="#">ThermoPro TP55 Indoor Humidity and Temperature Monitor User Guide</a></p> <p>This comprehensive instruction manual provides details on the ThermoPro TP55 indoor humidity and temperature monitor, covering its features, operation, care, safety precautions, warranty, and frequently asked questions.</p>
	<p><a href="#">ThermoPro TP358 Bluetooth Indoor Thermometer Hygrometer Instruction Manual</a></p> <p>Instruction manual for the ThermoPro TP358 Bluetooth Indoor Thermometer Hygrometer. Details device features, specifications, setup via Bluetooth connection, app usage, comfort level indicators, disposal guidelines, and customer support.</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>