

ThermoPro TP53

ThermoPro TP53 Digital Hygrometer Indoor Thermometer User Manual

Model: TP53 | Brand: ThermoPro

INTRODUCTION

The ThermoPro TP53 Digital Hygrometer Indoor Thermometer is designed to provide accurate and timely readings of indoor temperature and humidity. This device features a clear LCD display with a touch-activated backlight, comfort level indicators, and records for maximum and minimum values over 24 hours or all time. Its versatile design allows for multiple placement options, making it suitable for various indoor environments.

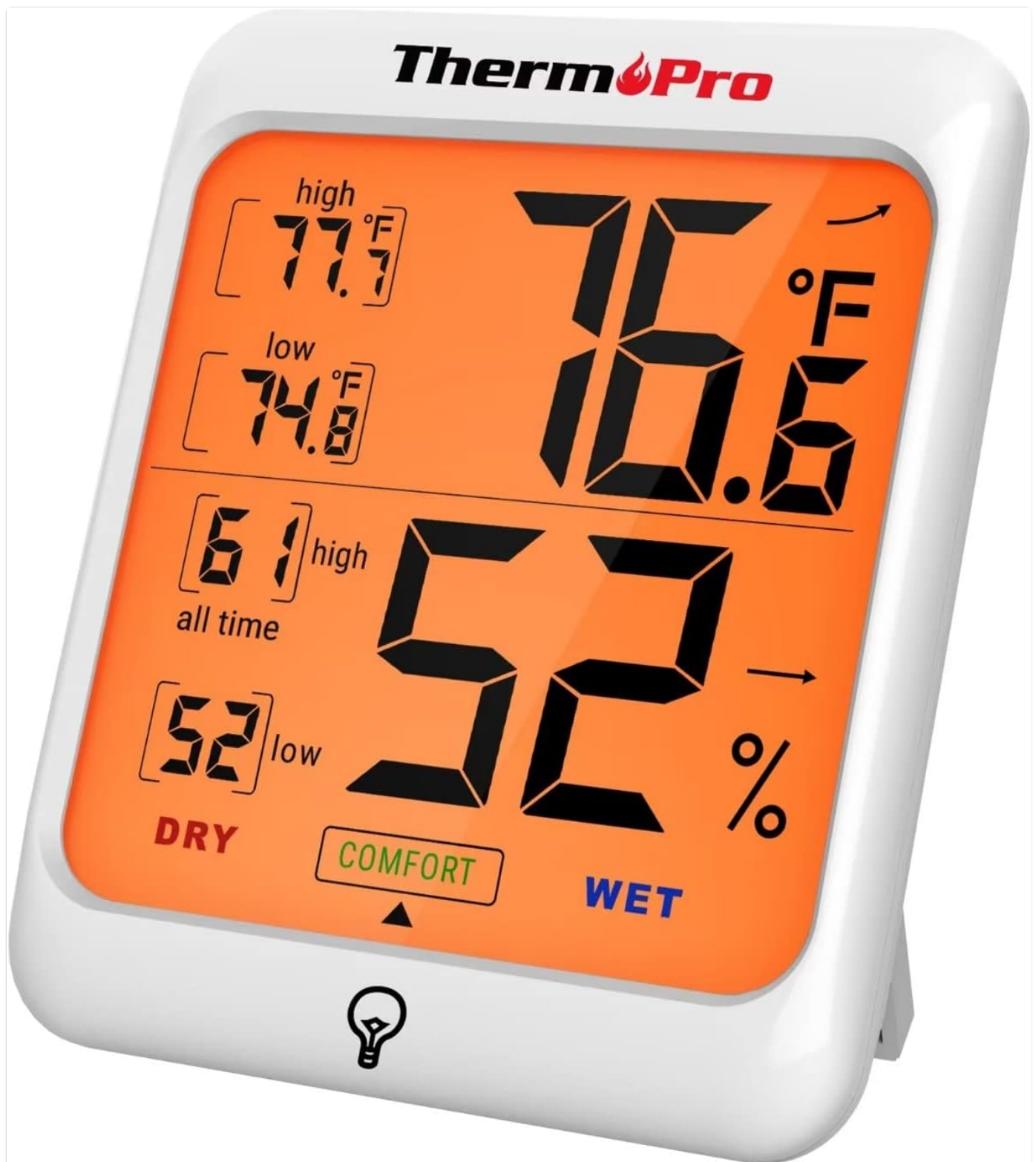


Figure 1: ThermoPro TP53 Digital Hygrometer Indoor Thermometer.

PRODUCT FEATURES

- **Informative Display:** Shows current temperature and humidity, along with all-time and 24-hour Max/Min records.
- **Comfort Indicator:** Provides a quick visual cue for indoor air comfort levels (Dry, Comfort, Wet).
- **High Accuracy:** Equipped with an advanced temperature sensor, accurate to $\pm 2.0^{\circ}\text{F}$ ($\pm 1.1^{\circ}\text{C}$) and $\pm 2\text{--}3\%\text{RH}$.
- **Fast Refresh Rate:** Readings refresh every 10 seconds for up-to-date information.
- **Touch-Sensitive Backlight:** Easy-to-activate yellow backlight for clear readings in low-light conditions. Automatically turns off after 15 seconds.
- **Multiple Placement Options:** Includes a tabletop stand, hanging mount, and strong magnetic back for versatile

INDOOR TEMPERATURE & HUMIDITY MONITOR



Temperature Indicator



Humidity Indicator



Air Comfort Indicator



High/Low Records



Trend Arrows



Backlight LCD Display



Figure 2: Overview of ThermoPro TP53 key features including temperature, humidity, comfort indicator, high/low records, trend arrows, and backlight LCD display.

COMFORT LEVEL INDICATOR

Stay healthy & comfortable

DRY	COMFORT	WET
Humidity < 30%	$30\% \leq \text{Humidity} \leq 60\%$	Humidity > 60%



Figure 3: The comfort level indicator displays Dry (Humidity < 30%), Comfort ($30\% \leq \text{Humidity} \leq 60\%$), and Wet (Humidity > 60%).

SETUP

1. Battery Installation

1. Locate the battery compartment on the back of the unit.
2. Remove the battery compartment cover.
3. Insert 2 x AAA batteries (included) according to the polarity markings (+/-). Ensure to remove any thin plastic insulation from the batteries if present.
4. Replace the battery compartment cover.

2. Placement Options

The ThermoPro TP53 offers flexible placement to suit your needs:

- **Tabletop Stand:** Utilize the integrated fold-out stand to place the unit on any flat surface, such as a desk, table, or

shelf.

- **Magnetic Back:** The strong magnet allows you to attach the thermometer to metal surfaces like refrigerators or metal doors.
- **Hanging Mount:** Use the hanging hole to mount the unit on a wall using a screw or hook (not included).



Figure 4: The ThermoPro TP53 can be placed on a tabletop, hung on a wall, or attached to a metal surface using its powerful magnet.

OPERATING INSTRUCTIONS

1. Display Readings

Once powered on, the device will immediately display the current indoor temperature and humidity. The large, clear digits ensure easy readability.

- **Temperature:** Shown in large digits at the top, in either Fahrenheit (°F) or Celsius (°C).
- **Humidity:** Shown in large digits at the bottom, as a percentage (%).
- **Comfort Level Indicator:** Located below the humidity reading, indicating Dry, Comfort, or Wet conditions.

2. Max/Min Records

The device tracks and displays the maximum and minimum temperature and humidity recorded. You can switch between 24-hour records and all-time records.

- Press the "ALL-TIME/24 HRS" button on the back of the unit to toggle between the two record modes.
- The display will show "24 hrs" for the past 24-hour records or "ALL TIME" for records since the last reset.



Figure 5: The display shows maximum and minimum temperature and humidity records for the past 24 hours or all time.

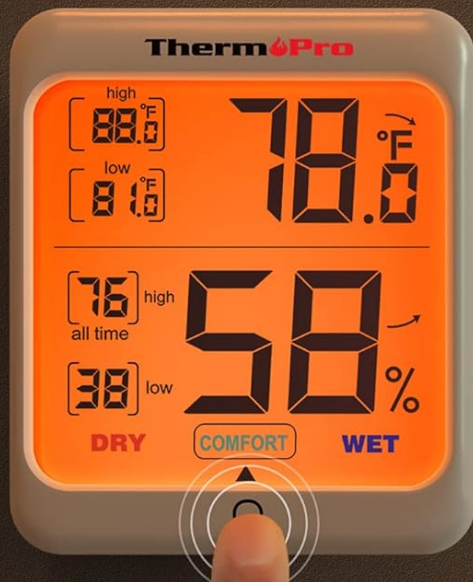
3. Backlight Operation

To activate the backlight for improved visibility in dark environments:

- Touch the light bulb icon button located at the bottom center of the front display.
- The yellow backlight will illuminate for 15 seconds. You can press it again to turn it off sooner.

BACKLIGHT LCD DISPLAY

Easy to read in low-light conditions



°C/°F SELECTOR



TOUCH BACKLIGHT



ALL-TIME/24-HRS

Figure 6: The touch-sensitive backlight button illuminates the display for easy reading in low-light conditions.

4. Temperature Unit Selection

You can switch between Fahrenheit (°F) and Celsius (°C) temperature units:

- Press the "°F/°C" button on the back of the unit to change the temperature display.

MAINTENANCE

- **Cleaning:** Wipe the unit with a soft, damp cloth. Do not use abrasive cleaners or immerse the unit in water.
- **Battery Replacement:** When the display dims or becomes unreadable, replace the 2 x AAA batteries. Follow the battery installation steps in the Setup section.
- **Storage:** If storing the unit for an extended period, remove the batteries to prevent leakage and damage.

TROUBLESHOOTING

- **Display is blank or dim:**

- Check if batteries are installed correctly with correct polarity.
- Ensure any plastic insulation tab has been removed from the batteries.
- Replace with fresh AAA batteries.

- **Inaccurate readings:**

- Ensure the unit is placed in a location away from direct sunlight, heat sources, or drafts, which can affect accuracy.
- Allow the unit to stabilize for at least 30 minutes after initial setup or relocation.
- Compare readings with another calibrated thermometer/hygrometer if available to confirm significant discrepancies.

- **Display appears "funny" or distorted temporarily:**

- This can sometimes occur if pressure is applied directly to the LCD screen. It should return to normal once the pressure is removed.

SPECIFICATIONS

Specification	Value
Brand	ThermoPro
Model Number	TP53
Color	White
Item Weight	3.5 Ounces
Product Dimensions	4.3 x 3.3 x 1 inches
Mounting Type	Tabletop, Wall Mount
Temperature Accuracy	±2.0 °F (±1.1 °C)
Humidity Accuracy	±2–3%RH
Battery Type	2 x AAA batteries (included)




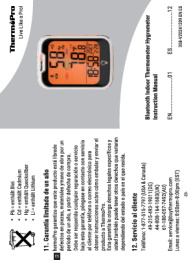


WARRANTY & SUPPORT

ThermoPro products are designed for quality and performance. For warranty information and customer support, please refer to the official ThermoPro website or the contact details provided with your purchase. You can also find the official User Manual in PDF format for further details:

[Download User Manual \(PDF\)](#)

For direct support, you may contact ThermoPro USA customer service at 1-877-515-7797 (USA & Canada Only) or via email at service@buythermopro.com.

Related Documents - TP53

	<p>ThermoPro TP53 Indoor Humidity and Temperature Monitor Instruction Manual</p> <p>Comprehensive instruction manual for the ThermoPro TP53, an indoor digital hygrometer and thermometer. Learn about device features, operation, specifications, care, safety warnings, disposal, and warranty information.</p>
	<p>ThermoPro TP393 Bluetooth Indoor Thermometer & Hygrometer User Manual</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>ThermoPro TP60S Wireless Indoor/Outdoor Hygrometer Thermometer User Manual</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>ThermoPro TP358 Bluetooth Indoor Thermometer Hygrometer User Manual</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>
	<p>ThermoPro TP-53 Indoor Humidity and Temperature Monitor: Instruction Manual</p> <p>Comprehensive instruction manual for the ThermoPro TP-53 indoor humidity and temperature monitor. Learn about setup, operation, features, specifications, care, disposal, and warranty information.</p>
	<p>ThermoPro TP-55 Indoor Humidity and Temperature Monitor Instruction Manual</p> <p>Comprehensive instruction manual for the ThermoPro TP-55, detailing its features, specifications, operation, care, and disposal. Learn how to monitor indoor humidity and temperature with this reliable device.</p>