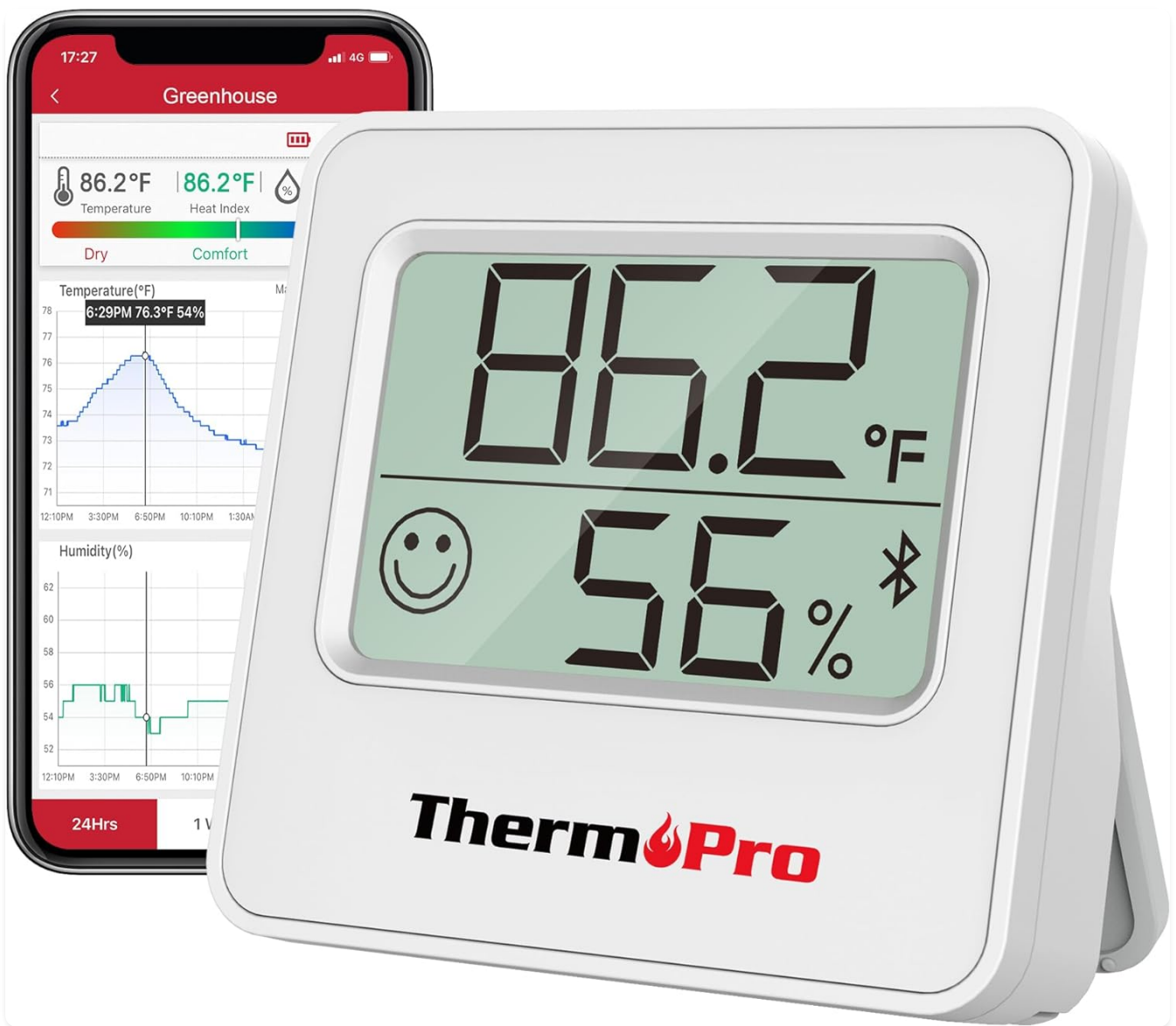## ThermoPro TP357

ThermoPro TP357 Digital Hygrometer Indoor Thermometer User Manual

Model: TP357

INTRODUCTION

Thank you for choosing the ThermoPro TP357 Digital Hygrometer Indoor Thermometer. This device is designed to provide accurate temperature and humidity readings for your indoor environment, helping you maintain optimal comfort and conditions. With its enhanced Bluetooth technology and smart app features, you can monitor your home's climate with ease and receive alerts when conditions fall outside your desired range.

The ThermoPro TP357 Digital Hygrometer, shown alongside its companion smartphone app, displays current temperature and humidity readings, offering a comprehensive view of your indoor environment.

PRODUCT OVERVIEW

Key Features:

- **Face Icon Comfort Indicator:** Quickly indicates DRY/COMFORT/WET air conditions.
- **Enhanced Bluetooth Range:** Up to 260ft/80m (no obstructions) for full home coverage.
- **High Accuracy:** Temperature accuracy of +/-1°F/°C and humidity accuracy of +/-2%.
- **Smart App with Alerts:** Set custom temperature and humidity ranges and receive instant phone notifications.
- **1 Year Data Storage:** View historical temperature and humidity data with graphs.

Physical Features:

- **Compact Size:** Small and discreet, measuring approximately 2.2 x 2.1 inches.
- **Large Digits:** Easy-to-read display for quick glances.
- **Versatile Mounting Options:** Includes a hanging hole, desktop stand, and magnetic back.

Compact Size with Large Digits

▼

2.2 inch

2.1 inch

83.6°F
🙂 58%

Therm❄Pro

1.2 inch

1.9 inch

83.6°F
🙂58%

Therm❄Pro

The compact size of the ThermoPro TP357 is illustrated by comparing it to a standard egg, highlighting its small footprint.

Convenient Mounting Options

Hanging Hole

Desktop

Magnetic Back

The ThermoPro TP357 offers flexible placement with its hanging hole for wall mounting, integrated desktop stand, and magnetic back for attaching to metal surfaces like refrigerators.

Setup

Battery Installation:

The ThermoPro TP357 requires 1 AAA battery (included). Open the battery compartment on the back of the device, insert the battery with the correct polarity (+/-), and close the compartment securely.

App Download and Pairing:

1. Download the **ThermoPro Sensor** app from the App Store (iOS) or Google Play Store (Android).
2. Ensure Bluetooth is enabled on your smartphone.
3. Open the ThermoPro Sensor app. The app will automatically search for and connect to your TP357 device.
4. Once connected, you will see the current temperature and humidity readings on the app interface.

Device Placement:

Place the TP357 in your desired monitoring location. For accurate readings, avoid placing the device in direct sunlight, near heat sources (like radiators or appliances), or in areas with extreme drafts. The versatile mounting options allow for placement on a desktop, hanging on a wall, or attaching to a magnetic surface.

Smart Home Monitoring System

260ft / 80m Bluetooth Coverage Range

The ThermoPro TP357 offers an extended Bluetooth range of up to 260 feet, allowing you to monitor your home environment from various locations via the app.

OPERATING INSTRUCTIONS

Reading the Display:

- The large digits on the device display the current temperature and humidity.

- Press the °F/°C button on the back of the device to switch between Fahrenheit and Celsius temperature units.

Comfort Indicator:

The face icon on the display provides a quick visual indication of the comfort level based on humidity:

- **DRY:** Humidity below 30% (sad face).
- **COMFORT:** Humidity between 30% and 60% (smiley face).
- **WET:** Humidity above 60% (unhappy face).

The ThermoPro TP357 features a face icon comfort indicator that visually represents humidity levels: a sad face for Dry (<30%), a happy face for Comfort (30%-60%), and an unhappy face for Wet (>60%).

Using the Smart App:

The ThermoPro Sensor app offers advanced monitoring capabilities:

- **Real-time Monitoring:** View live temperature and humidity data directly on your smartphone. The device provides a fast 10-second response time for real-time data updates.
- **Setting Alerts:** Customize temperature and humidity alert ranges. If the readings go above or below your set thresholds, you will receive instant notifications on your phone, allowing for timely adjustments.
- **Data Logging and Graphs:** The app stores up to 1 year of historical data. You can view clear temperature and humidity graphs for 24 hours, 1 week, or 1 year, helping you analyze trends and make informed decisions about your environment.
- **Data Export:** Export historical data for further analysis or record-keeping.

10s Fast Response
Get Accurate Data in Real-time

The ThermoPro TP357 provides a 10-second fast response for real-time data, which is displayed on the app with clear temperature and humidity graphs.
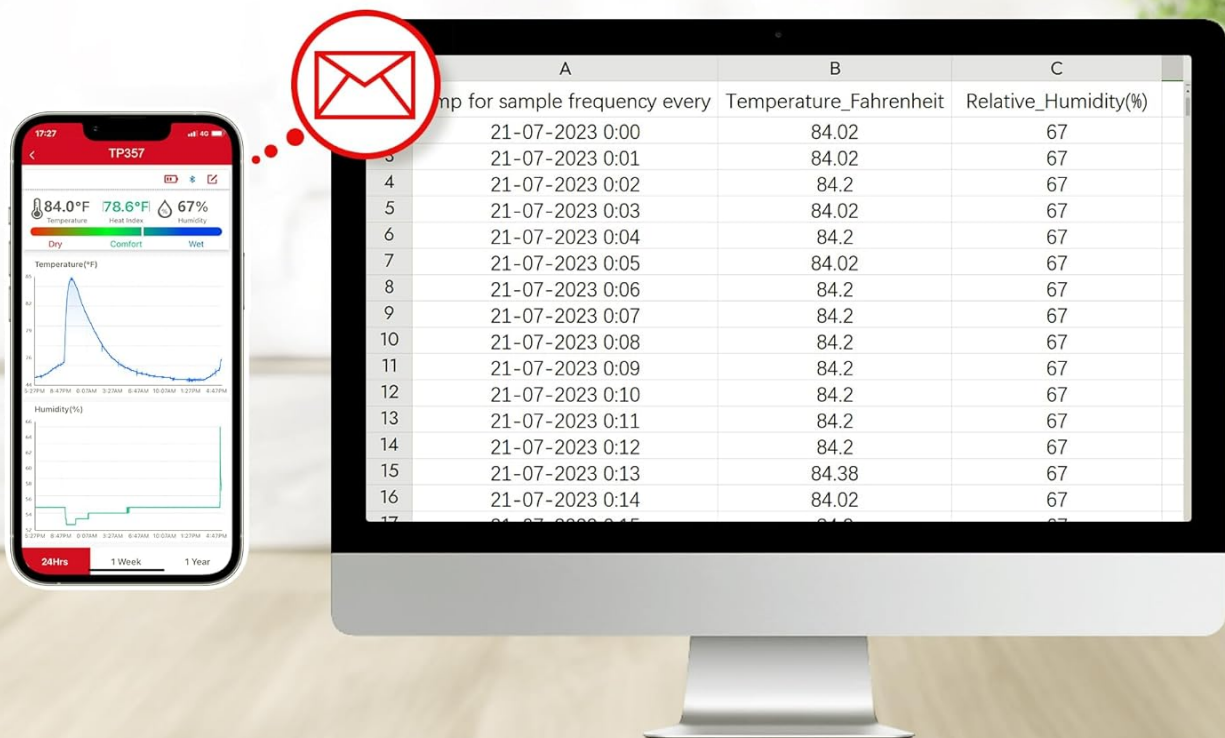
Alert You in Real Time

Receive notification once data goes beyond the preset range

Temprature Alarm (°F)

| | Max | − | 88.0 | + |
| Min | − | 65.0 | + |

Humidity Alarm (%)

| | Max | − | 65 | + |
| Min | − | 33 | + |

THERMOPRO SENSOR Now

Humidity warning
[ThermoPro Sensor] 2021-01-11 14:00:56 TP57
(4670) 30.0 Above the set 2.0 %

Bedroom

66.7°F | 66.7°F | 30%
Temperature | Heat Index | Humidity

Dry | Comfort | Wet

Temperature(°F)
80.7
81.0
80.0
79.0
78.0
77.0
76.0
75.0
11:30AM 02:50PM 06:10PM 09:30PM 12:50AM 04:10AM 07:30AM 10:50AM

Humidity(%)
41
42
39
36
33
30
27
24 25
11:30AM 02:50PM 06:10PM 09:30PM 12:50AM 04:10AM 07:30AM 10:50AM

24Hrs | 1 Week | 1 Year

The ThermoPro app allows users to set custom temperature and humidity alarms, providing real-time notifications if levels exceed or fall below the preset ranges.

2-Year-Data Export

The ThermoPro TP357 app supports data export, allowing users to transfer historical temperature and humidity data from their device to a computer for detailed analysis.

Official Product Video:

This official video from ThermoPro US provides an overview of the TP357 Bluetooth Indoor Thermometer Humidity Meter, showcasing its features and benefits.

MAINTENANCE

Battery Replacement:

When the battery icon appears on the display, it's time to replace the AAA battery. Follow the battery installation steps in the Setup section.

Cleaning:

Wipe the device with a soft, damp cloth. Do not use abrasive cleaners or immerse the device in water.

Storage:

If storing the device for an extended period, remove the battery to prevent leakage and damage.

TROUBLESHOOTING

No Display/Blank Screen:

- Check if the battery is inserted correctly with the right polarity.
- Replace the battery with a new AAA battery.

App Connectivity Issues:

- Ensure Bluetooth is enabled on your smartphone.
- Make sure the device is within the Bluetooth range (up to 260ft/80m without obstructions).
- Restart the ThermoPro Sensor app.
- Remove and re-insert the battery in the TP357 to restart the device.

Inaccurate Readings:

- Ensure the device is not placed in direct sunlight, near heat/cold sources, or in areas with strong drafts.
- Allow the device to stabilize for at least 30 minutes after placement or battery change.
- Compare readings with another calibrated thermometer/hygrometer if available.

SPECIFICATIONS

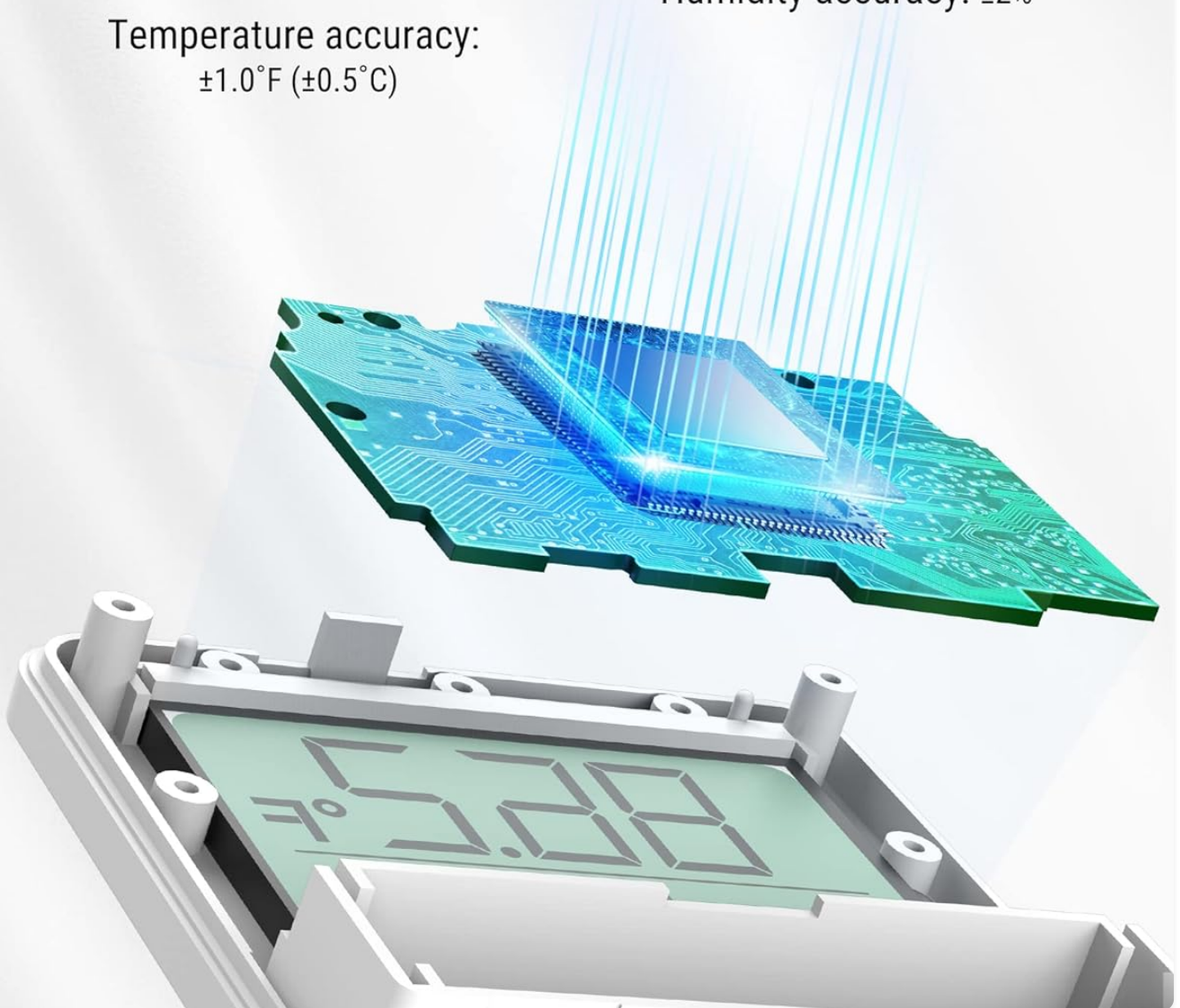| Specification	Detail
Temperature Range	32°F to 140°F (0°C to 60°C)
Temperature Accuracy	+/-1°F (+/-0.5°C)
Humidity Range	10% to 99%
Humidity Accuracy	+/-2%
Bluetooth Range	Up to 260ft (80m) without obstructions
Power Source	1 x AAA Battery (included)
Dimensions	3"W x 0.2"H (approx. 2.2" x 2.1" actual unit size)
Item Weight	1.23 ounces (35 grams)

Accurate Sensor

Temperature range:
-4˚F to 140˚F (-20˚C to 60˚C)

Temperature accuracy:
±1.0˚F (±0.5˚C)

Humidity range: 10%-99%

Humidity accuracy: ±2%

The ThermoPro TP357 features an accurate sensor with a temperature range of -4°F to 140°F (-20°C to 60°C) and a humidity range of 10%-99%, ensuring precise environmental monitoring.

WARRANTY & SUPPORT

Warranty Information:

ThermoPro products typically come with a 1-year warranty from the date of purchase. Please refer to the product packaging or the official ThermoPro website for specific warranty terms and conditions.

Customer Support:

For any questions, technical assistance, or warranty claims, please contact ThermoPro Customer Service. You can find contact information on the official ThermoPro website or through the ThermoPro Sensor app.

Website: www.thermopro.com

Related Documents - TP357

	ThermoPro TP60S Wireless Indoor/Outdoor Hygrometer Thermometer User Manual Comprehensive user manual for the ThermoPro TP60S wireless indoor/outdoor humidity and temperature monitor. Learn about setup, operation, features, specifications, and troubleshooting.
	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.
	ThermoPro TP357 Bluetooth Thermometer/Hygrometer User Manual User manual for the ThermoPro TP357 Bluetooth Thermometer/Hygrometer. This guide covers product features, setup instructions, app integration, technical specifications, warranty information, and proper disposal. Monitor temperature and humidity remotely from your smartphone.
	ThermoPro TP357 Bluetooth Thermometer/Hygrometer User Manual User manual for the ThermoPro TP357 Bluetooth Thermometer/Hygrometer, detailing features, setup, usage, and specifications. Learn how to monitor temperature and humidity remotely via your smartphone.
	ThermoPro TP-357 Bluetooth Thermometer/Hygrometer User Guide Learn how to set up and use your ThermoPro TP-357 Bluetooth Thermometer/Hygrometer to remotely monitor temperature and humidity from your smartphone. Includes features, usage instructions, warranty, and FCC compliance.
	ThermoPro TP357 Bluetooth Thermometer/Hygrometer User Manual & Guide User manual for the ThermoPro TP357 Bluetooth Thermometer/Hygrometer, detailing its features, setup, usage, specifications, warranty, and customer support.