

ThermoPro TP53

ThermoPro TP53 Indoor Hygrometer Thermometer User Manual

Model: TP53

INTRODUCTION

Thank you for purchasing the ThermoPro TP53 Indoor Hygrometer Thermometer. This device is designed to provide accurate measurements of indoor temperature and humidity, helping you maintain a comfortable and healthy living environment. Please read this manual carefully before use to ensure proper operation and to maximize the product's lifespan.

PRODUCT FEATURES

- **Touch-Sensitive Backlight:** Features a touch backlight button on the frame for easy screen illumination in dark conditions.
- **Air Comfort Indicator:** Displays the comfort level (DRY, COMFORT, WET) based on current humidity, keeping you informed of indoor conditions.
- **Max and Min Records:** Stores and displays all-time or 24-hour maximum and minimum temperature and humidity records.
- **Multiple Mounting Options:** Designed for tabletop placement, wall mounting, or magnetic attachment for versatile positioning.
- **Wide Application:** Provides essential temperature and humidity control for various environments such as baby rooms, nurseries, basements, warehouses, and greenhouses.

Measures Indoor Temperature & Humidity



Temperature Indicator



Humidity Indicator



Air Comfort Indicator



MAX & MIN Records



Trend Arrows



Backlight LCD Display



The ThermoPro TP53 measures indoor temperature and humidity, featuring a backlight, MAX/MIN records, and trend arrows.

PACKAGE CONTENTS

- 2 x ThermoPro TP53 Indoor Hygrometer Thermometer
- 4 x AAA Batteries
- 1 x User Manual

KEY COMPONENTS



Detailed view of the ThermoPro TP53 display and control elements.

Front Display:

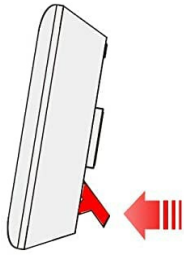
- **Indoor Temperature:** Current temperature reading.
- **Indoor Humidity:** Current humidity reading.
- **MAX/MIN Temperature:** Highest/lowest temperature recorded.
- **MAX/MIN Humidity:** Highest/lowest humidity recorded.
- **Comfort Level Indicator:** Shows DRY, COMFORT, or WET.
- **Temperature Trend Arrow:** Indicates rising, falling, or stable temperature.
- **Humidity Trend Arrow:** Indicates rising, falling, or stable humidity.
- **Touch Backlight Button:** Located at the bottom center of the display.

Back Buttons:

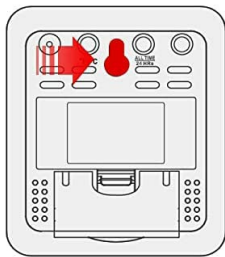
- **°C/°F Switcher:** Toggles between Celsius and Fahrenheit.
- **ALL TIME/24HRS Button:** Switches between all-time and 24-hour MAX/MIN records.

SETUP

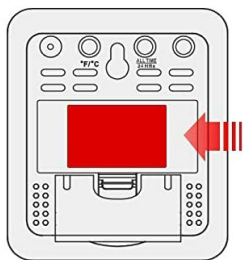
1. **Insert Batteries:** Open the battery compartment on the back of the unit. Insert 2 AAA batteries, ensuring correct polarity (+/-). Close the battery compartment. The device will power on automatically.
2. **Select Temperature Unit:** On the back of the unit, press the "°C/°F" button to switch between Celsius and Fahrenheit as desired.
3. **Placement:** Place the hygrometer in your desired location. It can stand on a tabletop using its integrated stand, be mounted on a wall using the hanging hole, or attached to a metallic surface via its powerful magnets. Allow approximately 10-15 minutes for the sensor to stabilize and provide accurate readings.



Base Stand



Hanging Hole



Powerful magnets



The ThermoPro TP53 offers multiple mounting options: tabletop stand, wall hanging hole, and magnetic back.

OPERATING INSTRUCTIONS

Reading Temperature and Humidity:

The current indoor temperature and humidity are displayed prominently on the large LCD screen.

Using the Backlight:

Touch the backlight button located on the front frame of the unit to activate the backlight. The backlight will remain on for approximately 15 seconds before automatically turning off to conserve battery life.

Backlight LCD Display



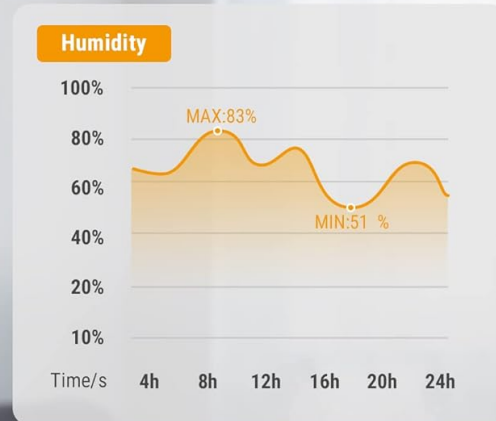
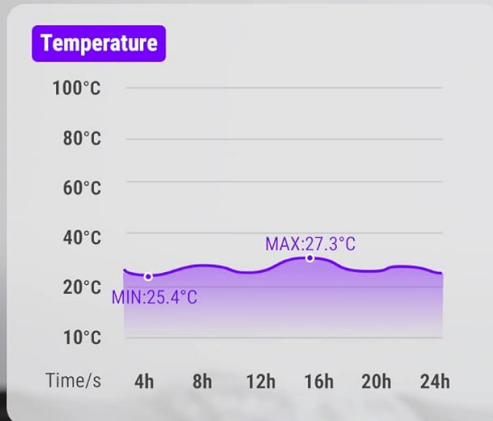
The touch-sensitive backlight illuminates the display for easy reading in low-light conditions.

Viewing MAX/MIN Records:

Press the 'ALL TIME/24HRS' button on the back of the unit to cycle through the maximum and minimum records. You can view records for the past 24 hours or all-time since the last reset/battery change.

Max & Min Records

Review your air quality for the past 24 hours/all-time



Review maximum and minimum temperature and humidity records for the past 24 hours or all-time.

Understanding the Comfort Level Indicator:

The comfort level indicator provides a quick visual reference for your indoor environment:

- **DRY:** Humidity below 30% RH
- **COMFORT:** Humidity between 30% and 60% RH
- **WET:** Humidity above 60% RH

Comfort Level Indicator

A Guardian for Healthy Life

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



The comfort level indicator helps you quickly assess your home's humidity conditions.

Understanding Trend Arrows:

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

- **Up Arrow (↑):** Rising trend
- **Down Arrow (↓):** Falling trend
- **Horizontal Arrow (→):** Stable trend

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 battery indicator appears on the display, replace the AAA batteries. Ensure correct polarity.
- **Storage:** If storing the unit for an extended period, remove the batteries to prevent leakage. Store in a dry place away from extreme temperatures.

TROUBLESHOOTING

No Display or Faint Display:

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

Inaccurate Readings:

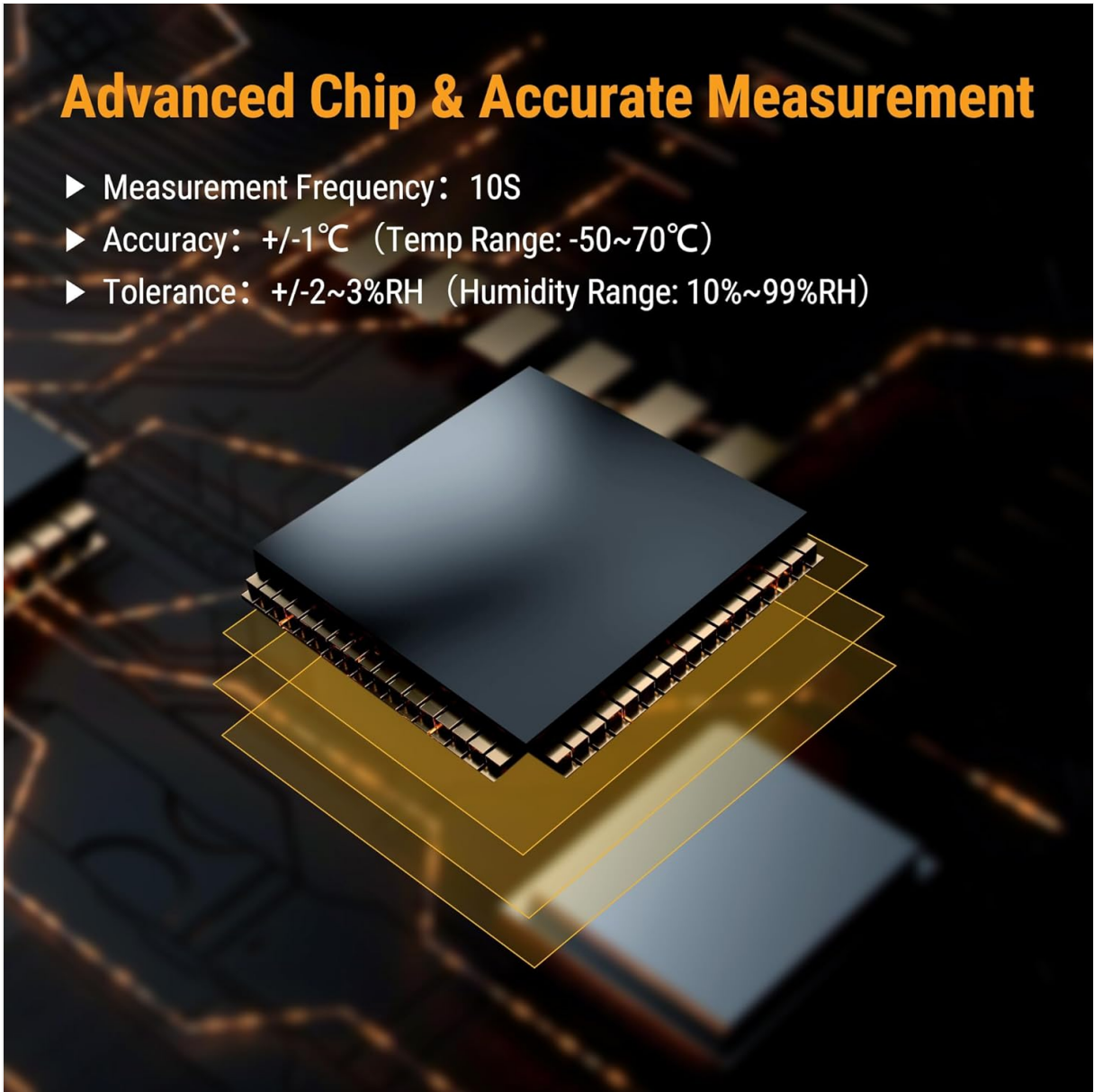
- Ensure the unit is placed in a location away from direct sunlight, heat sources, or drafts, which can affect readings.
- Allow 10-15 minutes for the sensor to stabilize after initial setup or relocation.
- If readings seem consistently off, try replacing the batteries.

SPECIFICATIONS

Brand	ThermoPro
Model Number	TP53
Color	White
Temperature Range	-50°C to 70°C (-58°F to 158°F)
Temperature Accuracy	±0.5°C (±1.0°F)
Humidity Range	10% to 99% RH
Humidity Accuracy	±2-3% RH
Refresh Rate	10 seconds
Power Source	2 x AAA Batteries
Dimensions (W x H x D)	7.1 cm x 8.4 cm x 6.2 cm (approximate, based on visual representation)

Advanced Chip & Accurate Measurement

- ▶ Measurement Frequency: 10S
- ▶ Accuracy: $\pm 1^{\circ}\text{C}$ (Temp Range: $-50\sim 70^{\circ}\text{C}$)
- ▶ Tolerance: $\pm 2\sim 3\%RH$ (Humidity Range: $10\%\sim 99\%RH$)



The TP53 features an advanced chip for accurate and frequent measurements.

Compact & Practical



Compact and practical design of the ThermoPro TP53, showing its dimensions.

WARRANTY

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. It does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear. Please retain your proof of purchase for warranty claims.

SUPPORT

For any questions, assistance, or warranty claims, please contact ThermoPro Customer Service. Refer to the contact information provided on the ThermoPro official website or your product packaging.