

ThermoPro TP50

ThermoPro TP50 Digital Indoor Thermometer Hygrometer User Manual

Model: TP50

1. INTRODUCTION

The ThermoPro TP50 is a compact and highly accurate digital indoor thermometer and hygrometer designed to help you monitor the temperature and humidity levels in your living spaces. This device provides essential information for maintaining a comfortable and healthy indoor environment, displaying current conditions, maximum and minimum records, and a comfort level indicator.

Its versatile design allows for easy placement in various locations, making it suitable for homes, offices, baby rooms, greenhouses, and more. Understanding the information provided by the TP50 can assist in managing conditions for personal comfort, plant care, and pet well-being.

2. PRODUCT FEATURES

- **Compact Design:** Approximately 8.0 cm (height) x 7.0 cm (width) x 2.2 cm (depth). Made from durable ABS resin.
- **Large, Clear Display:** Features a large LCD screen with clear digits for easy readability of current temperature and humidity.
- **Max/Min Record:** Automatically records and displays the highest and lowest temperature and humidity values measured since the last reset. This feature is useful for tracking environmental changes over time.
- **Comfort Level Indicator:** Utilizes a simple face icon to indicate one of three comfort levels: Dry, Comfort, or Uncomfortable, based on the current temperature and humidity.
- **Versatile Placement:** Equipped with a strong magnet for attachment to metallic surfaces like refrigerators, and a foldable stand for tabletop use.
- **High Accuracy:** Provides precise measurements for effective environmental monitoring.



Front view of the ThermoPro TP50 Digital Indoor Thermometer Hygrometer, displaying current humidity, temperature, and max/min records.

快適レベル表示

家族が快適に過ごせるお部屋に



Illustration of the comfort level indicator on the ThermoPro TP50, showing 'Dry' (humidity <30%), 'Comfort' (30% < humidity < 60% and 20°C < temperature < 26°C), and 'Uncomfortable' (humidity > 60%).

3. SETUP

3.1 Battery Installation

1. Locate the battery compartment on the back of the unit.
2. Open the battery compartment cover.
3. Insert one (1) AAA 1.5V battery, ensuring the correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment cover securely.

3.2 Initial Stabilization

Upon initial power-on or after battery replacement, the sensor requires time to stabilize and accurately reflect the surrounding environment. Due to the small air intake hole on the back of the unit, it may take approximately 30 minutes for the device to display stable and accurate readings. Please allow this period for the device to calibrate before relying on the measurements.

4. OPERATING INSTRUCTIONS

4.1 Reading the Display

The large LCD screen displays the following information:

- **Current Humidity:** Shown as a percentage (%) at the top of the display.
- **Current Temperature:** Shown in degrees Celsius (°C) or Fahrenheit (°F) in the middle of the display.
- **Max/Min Humidity:** The highest and lowest humidity recorded since the last reset are displayed below the current humidity.
- **Max/Min Temperature:** The highest and lowest temperature recorded since the last reset are displayed below the current temperature.
- **Comfort Level Icon:** A face icon (Dry, Comfort, Uncomfortable) is displayed next to the current humidity reading.

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画面表示が見やすい温湿度計



サイズ	幅7×高さ8 cm
使用電池	単4形乾電池×1個 (電池寿命1年)
表示範囲	温度: -50°C ~ 70°C 湿度: 10% ~ 99%.
精度	温度: ±1°C 湿度: 30% ~ 80% (±2%) 10%~30% と80% ~99% (±3%)
測定間隔	約10秒間
重量	85g

Front and back views of the ThermoPro TP50, illustrating the display layout and the F/C button on the rear.

4.2 Switching Temperature Units (°C/°F)

To switch between Celsius (°C) and Fahrenheit (°F), locate the '°F/°C' button on the back of the unit and press it. The display will instantly change the temperature unit.

4.3 Resetting Max/Min Records

The maximum and minimum temperature and humidity records are automatically updated every 10

seconds. To clear the recorded maximum and minimum values and start a new recording cycle, press and hold the 'CLEAR' button located on the back of the unit for approximately 3 seconds. The display will show the current readings as the new starting point for max/min tracking.



The ThermoPro TP50 can be placed using its strong magnet on a refrigerator or stood on a tabletop using its integrated stand.

5. MAINTENANCE

5.1 Cleaning

To clean the unit, wipe it with a soft, damp cloth. Do not use abrasive cleaners or immerse the unit in water. Ensure the device is dry before re-using.

5.2 Battery Replacement

When the display becomes dim or shows inaccurate readings, it may be time to replace the battery. Follow the battery installation steps in Section 3.1 to replace the AAA battery.

5.3 Storage

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

5.4 Important Note on Water Resistance

This device is **NOT waterproof**. Please avoid using it in wet environments such as bathrooms, washrooms, or near sinks, as exposure to water can damage the unit.

6. TROUBLESHOOTING

6.1 Inaccurate Readings

- **Initial Setup:** As mentioned in Section 3.2, allow 30 minutes for the device to stabilize after initial setup or battery replacement.
- **Placement:** Ensure the device is placed in a location with good air circulation, away from direct sunlight, heat sources, or drafts, which can affect readings.
- **Obstruction:** The small air intake hole on the back should not be obstructed.

6.2 Display is Dim or Blank

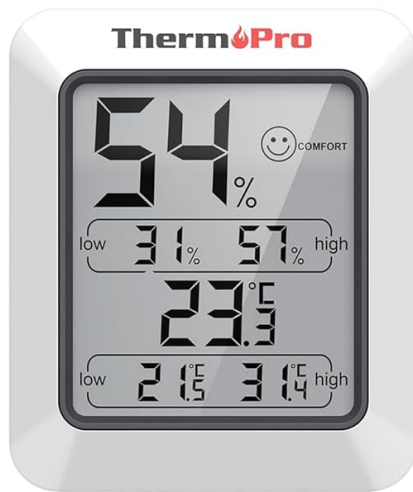
- **Battery Check:** The battery may be low or depleted. Replace the AAA battery with a new one.
- **Battery Installation:** Ensure the battery is installed correctly with the proper polarity.

7. SPECIFICATIONS

Specification	Detail
Model	TP50
Dimensions	Approx. 8.0 cm (H) x 7.0 cm (W) x 2.2 cm (D)
Weight	Approx. 60 g
Material	ABS Resin
Power Source	1 x AAA 1.5V Battery (included)
Battery Life	Approx. 1 year
Temperature Range	-50°C to 70°C (-58°F to 158°F)
Humidity Range	10% to 99% RH
Temperature Accuracy	±1°C (±1.8°F)
Humidity Accuracy	±2% RH (30%-80% RH), ±3% RH (10%-30% & 80%-99% RH)
Refresh Rate	Every 10 seconds
Display Type	LCD
Water Resistance	No (Not waterproof)

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画面表示が見やすい温湿度計



サイズ	幅7×高さ8 cm
使用電池	単4形乾電池×1個 (電池寿命1年)
表示範囲	温度：-50℃～70℃ 湿度：10%～99%.
精度	温度：±1℃ 湿度：30%～80% (±2%) 10%~30% と80% ～99% (±3%)
測定間隔	約10秒間
重量	85g

Detailed dimensions and key specifications of the ThermoPro TP50.

高精度

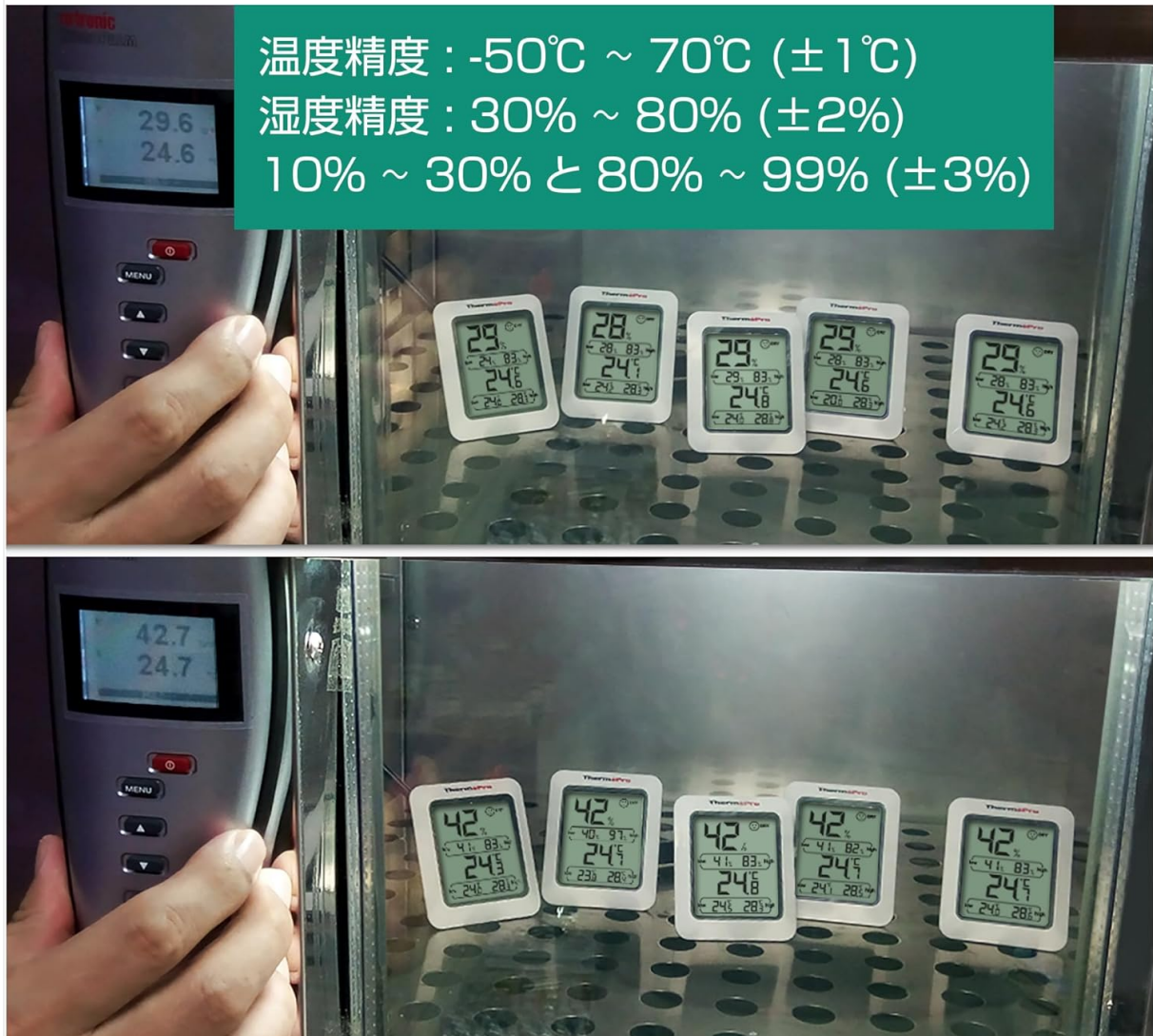


Image showing multiple ThermoPro TP50 units undergoing high precision testing in a controlled environment.

8. WARRANTY AND SUPPORT

ThermoPro products are designed for reliability and performance. This product comes with a 1-year warranty from the date of purchase, covering defects in materials and workmanship under normal use.

For technical assistance, troubleshooting, or warranty claims, please contact ThermoPro customer support. Our friendly customer support team is available to assist you with any questions or concerns regarding your device.

ThermoPro is committed to providing high-quality products and support to its community of over 20 million users worldwide.

For more information and support, please visit the official ThermoPro brand store: [ThermoPro Brand Store](#)

[\[pdf\]](#) User Manual Installation Guide Guide Catalog

Thermopro EN FR TP 50 IC 20180802 cdr windows7 TP50 Indoor Hygrometer Thermometer Humidity Monitor Weather Station with Temperature Gauge Installation Guide ThermoPro 50 6927082801612 1002246371 e98930c5 d5c7 4a76 afca b524c413a90b images thdstatic catalog Images e9 ||| Indoor Humidity And Temperature Monitor Instruction Manual Model No.: TP-50 English..... 2 Franais 13 V20180802 EN FR General Warning DANGE EN R This device contains electronic components which operate via a power source power supply and/or batteries . Do not let children use t... lang:en **score:29** filesize: 142.21 K page_count: 13 document date: 2020-02-14

[\[pdf\]](#) Warranty

Suzie ThermoPro TP50 LCD Digital Hygrometer Indoor Thermometer Humidity Monitor Hygro Temperature Temp Heat Stress ThermPro testmeter sg webshaper pcm files ||| ThermoPro **TP50** LCD Digital Hygrometer Indoor Thermometer Humidity Monitor SKU: THEPRO**TP50WH** Manufacture warranty period: 12 months Country of Origin: China Description: With highly accurate temperature readings 2-3 RH and 1C and a wide temperature range from -50C - 70C -58F to 158F , humidity ra... lang:en **score:27** filesize: 414.15 K page_count: 3 document date: 2020-11-17

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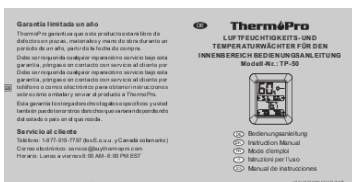
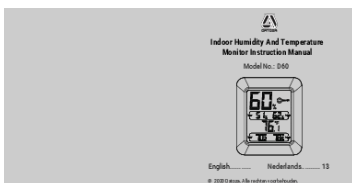
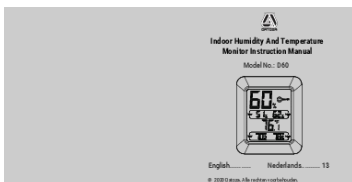
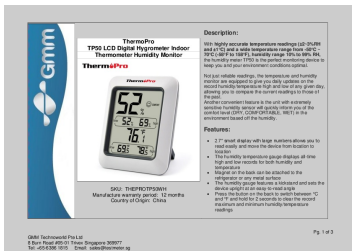
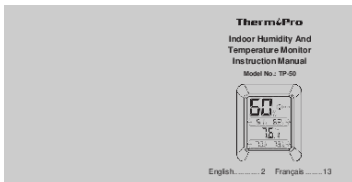
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ThermPro					
Model	TP-49	TP50	TP55		
Picture					
Product dimension (mm)	68 x 55 x 25	75 x 67 x 23	110 x 66 x 24		
Temperature	Range: Resolution: Accuracy:	-50~+70°C 0.1 °C ± 1°C			
Humidity	Range: Resolution: Accuracy:	10~99%RH 1 digit ±2% (10% to 80%), ±3% (80% to 90%)			
Refresh rate	18 minutes				
Operation temperature	-20~60°C				
Storage condition	-20°C~60°C				
Humidity	20~80%RH				
Comfort indicator	Face icon	Face icon	Word		
Max./Min	No	Yes	Yes (41 time/24h)		
Back Light	No	No	Yes		
Touch Screen	No	No	Yes		
Power supply	3.5V (AAA use x 3)	3.5V (AAA use x 3)	3.5V (AAA use x 3)		
Gesture board	Yes	Yes	Yes		
Wall Mount	Yes	No	Yes		
Magnet Mount	Yes	Yes	Yes		

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Indoor Humidity & Temperature
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TP - 50 // -50C 70C / 10 99 RH : 12 ; ; ThermoPro; : 051-17769; : TP-50; TP - 50 // -50C 70C / 10 99 RH 2 - 3 RH 1 F -50C 70C 10 99 RH, **TP50** . . . , **TP50** , : LCD 2,7 . . . :

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Model ThermoPro TP49 **TP50** TP55 Picture Product dimension mm 66 x 55 x 15 79 x 67 x 23 110 x 86 x 24 Temperature Range: -50- 70C Resolution: 0.1 C Accuracy: 1C Humidity Range: 10 -99 RH Resolution: 1 RH Accuracy: 2 30 to 80 ; 3 RH other Refresh rate: 10 seconds Opera...

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lang:en score:15 filesize: 79.66 K page_count: 1 document date: 2019-10-27

ThermoPro Indoor Humidity & Temperature Monitor Instruction Manual

Instruction manual for the ThermoPro Indoor Humidity & Temperature Monitor, detailing its features, operation, care, specifications, and disposal.

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[\[pdf\]](#) Declaration of Conformity

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