

ThermoPro TP49

ThermoPro TP49 Digital Indoor Thermometer and Hygrometer User Manual

1. INTRODUCTION

This manual provides detailed instructions for the proper use and maintenance of your ThermoPro TP49 Digital Indoor Thermometer and Hygrometer. Please read this manual thoroughly before operating the device to ensure optimal performance and longevity.

The ThermoPro TP49 is designed to accurately measure and display indoor temperature and humidity levels, helping you maintain a comfortable and healthy environment.

2. PRODUCT OVERVIEW

The ThermoPro TP49 is a compact and easy-to-read device that provides essential environmental data. Its design focuses on clarity and user convenience.



Image 2.1: Front view of the ThermoPro TP49 device, displaying temperature and humidity readings.

Key Features

- **Face Icon Comfort Indicator:** Displays DRY, COMFORT, or WET conditions based on humidity levels, guiding adjustments for optimal comfort.
- **Highly Accurate Sensors:** Provides temperature accuracy of $\pm 1^{\circ}\text{F}/^{\circ}\text{C}$ and humidity accuracy of $\pm 2\text{-}3\%\text{RH}$, suitable for various environments.
- **Fast Refresh Rate:** Updates temperature and humidity readings every 10 seconds for current data.
- **Compact Display with Large Digits:** Features a clear LCD with large, bold numbers for easy readability from multiple angles and distances.
- **Multiple Placement Options:** Offers tabletop stand, magnetic back, and hanging mount for versatile placement.



Image 2.2: Diagram illustrating the internal components responsible for high accuracy and fast refresh rate.

3. SETUP

Battery Installation

1. Locate the battery compartment cover on the back of the device.
2. Slide the cover downwards to open the compartment.
3. Insert one (1) AAA battery, ensuring the polarity (+/-) matches the diagram inside the compartment.
4. Replace the battery compartment cover by sliding it upwards until it clicks into place.

The device will automatically power on and begin displaying temperature and humidity readings once the battery is correctly installed.

Ultra-Low Power Consumption

Long-lasting **AAA battery** (included) provides **18-24 months** of battery life.

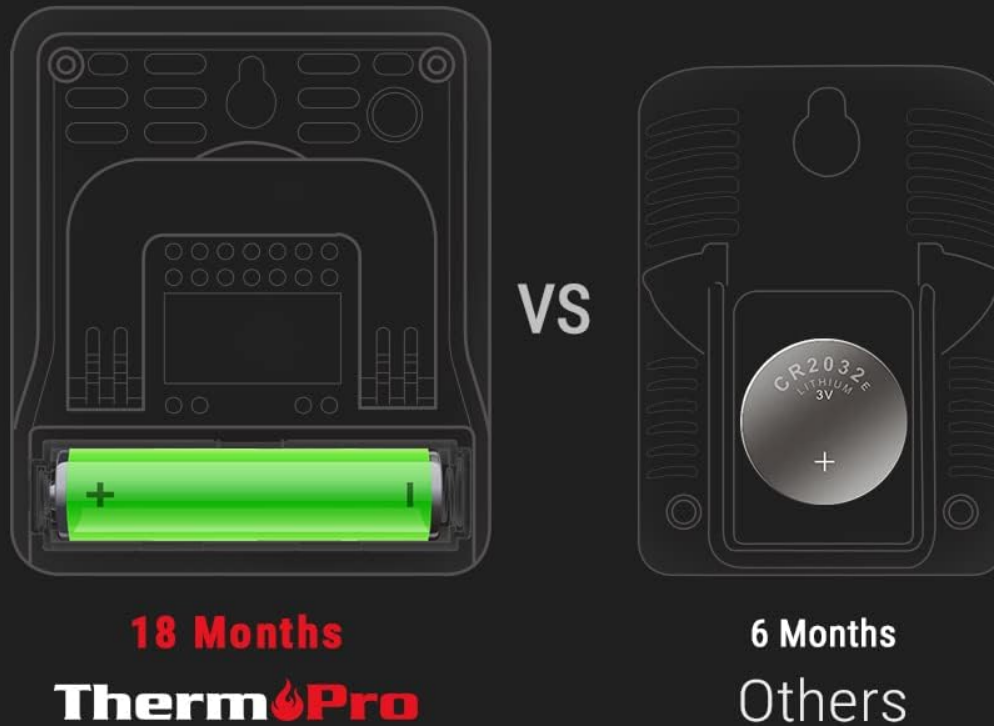


Image 3.1: Illustration of the battery compartment on the back of the ThermoPro TP49, showing AAA battery insertion.

4. OPERATING INSTRUCTIONS

Temperature and Humidity Display

Upon power-on, the device will immediately display the current indoor temperature in either Celsius (°C) or Fahrenheit (°F) and the relative humidity (RH%) on its LCD screen. Readings refresh every 10 seconds.

Comfort Level Indicator

The TP49 features a face icon indicator to quickly communicate the comfort level of your environment:

- **DRY (Sad Face):** Humidity is below 30%.
- **COMFORT (Smiling Face):** Humidity is between 30% and 60%, and temperature is between 68°F and 79°F (20°C and 26°C).
- **WET (Sad Face):** Humidity is above 60%.



Easy-to-Use Comfort Indicator

Be aware of any change in your home with just a quick glance!

Dry
Humidity < 30%

Comfort
30% < Humidity < 60%
68°F < Temperature < 79°F

Wet
Humidity > 60%

Cold **Arthritis** **Tracheitis** **Headache**

Image 4.1: Visual representation of the comfort indicator icons (Dry, Comfort, Wet) and their corresponding humidity ranges.

Switching Temperature Units (°C/°F)

To switch between Celsius (°C) and Fahrenheit (°F), locate the °C/°F button on the back of the device. Press this button once to toggle between the two temperature units.

5. PLACEMENT OPTIONS

The ThermoPro TP49 offers versatile placement options to suit various locations:

- **Tabletop Stand:** Utilize the integrated foldable stand on the back of the device to place it upright on any flat surface, such as a desk, shelf, or nightstand.
- **Magnetic Back:** The device features a strong magnetic back, allowing it to be securely attached to metallic surfaces like refrigerators or magnetic boards.
- **Hanging Mount:** A hanging hole is provided on the back for mounting the device on a wall using a nail or screw.

3 Placement Options



Image 5.1: Examples of the three placement options: hanging mount, strong magnet, and durable stand.

The TP49 is suitable for various indoor environments, including living rooms, baby rooms, kitchens, greenhouses, guitar rooms, offices, or cellars.



Image 5.2: Collage showing the ThermoPro TP49 in different application settings: a baby room, a cellar, an office, and a greenhouse.

6. MAINTENANCE

Battery Replacement

When the display dims or stops functioning, it is time to replace the AAA battery. Follow the battery installation steps in Section 3.1 to replace the battery. Ensure proper disposal of used batteries according to local regulations.

Cleaning

To clean the device, wipe it with a soft, damp cloth. Do not use abrasive cleaners or immerse the device in water, as this can damage the internal components.

7. TROUBLESHOOTING

- **No Display:** Ensure the AAA battery is correctly installed with the correct polarity. Replace the battery if it is depleted.
- **Inaccurate Readings:** Allow the device to stabilize in its intended location for at least 30 minutes after initial setup or relocation. Avoid placing the device near heat sources, direct sunlight, or vents that could affect readings.
- **Display is Dim:** This indicates a low battery. Replace the AAA battery.

8. SPECIFICATIONS



Image 8.1: Comparison of ThermoPro TP49 readings against professional calibration equipment, demonstrating high accuracy.

Specification	Value
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Specification	Value
Model Number	TP49
Product Dimensions	2.2"W x 2.6"H
Item Weight	35 Grams (1.23 ounces)
Battery Type	1 x AAA battery (included)
Mounting Type	Tabletop, Wall Mount (Magnetic, Hanging)
Temperature Accuracy	±1°C (±1.8°F)
Humidity Accuracy	±2% to 3%RH (out of 30-80%)
Refresh Rate	10 seconds
Upper Temperature Rating	158 Degrees Fahrenheit (70°C)




9. WARRANTY AND SUPPORT

ThermoPro provides a warranty for this product against defects in materials and workmanship. For specific warranty details, registration, or technical support, please refer to the official ThermoPro website or contact their customer service directly. Contact information is typically available on the product packaging or the official ThermoPro support page.

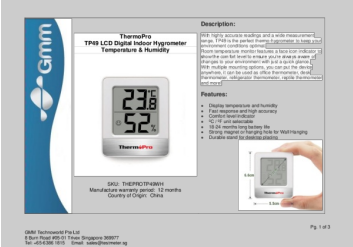
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Related Documents - TP49

	<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 TP157 Indoor Humidity and Temperature Monitor Instruction Manual</p> <p>Comprehensive guide for the ThermoPro TP157 indoor hygrometer and thermometer, covering setup, features, specifications, care, disposal, and warranty information.</p>
	<p>ThermoPro TP49 Indoor Humidity & Temperature Monitor Instruction Manual</p> <p>Instruction manual for the ThermoPro TP49 indoor humidity and temperature monitor, detailing features, setup, specifications, care, warranty, and disposal information.</p>

	<p>ThermoPro TP49 LCD Digital Indoor Hygrometer & Thermometer - Accurate Temperature & Humidity Monitor</p> <p>Discover the ThermoPro TP49, a versatile LCD digital indoor hygrometer and thermometer. Get accurate temperature and humidity readings, comfort level indicators, and multiple mounting options for any environment. Ideal for home, office, and more.</p>
	<p>ThermoPro TP358 Bluetooth Indoor Thermometer Hygrometer Instruction Manual</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>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>

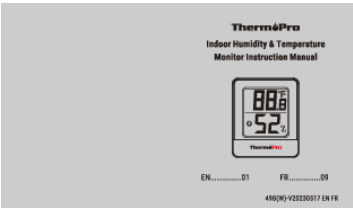
Documents - ThermoPro – TP49



[ThermoPro TP49 LCD Digital Indoor Hygrometer & Thermometer - Accurate Temperature & Humidity Monitor](#)

Discover the ThermoPro TP49, a versatile LCD digital indoor hygrometer and thermometer. Get accurate temperature and humidity readings, comfort level indicators, and multiple mounting options for any environment. Ideal for home, office, and more.

lang:en score:35 filesize: 448.01 K page_count: 3 document date: 2020-11-17



[ThermoPro TP49 Indoor Humidity & Temperature Monitor Instruction Manual](#)

Instruction manual for the ThermoPro TP49 indoor humidity and temperature monitor, detailing features, setup, specifications, care, warranty, and disposal information.

lang:en score:34 filesize: 3.1 M page_count: 10 document date: 2023-05-17

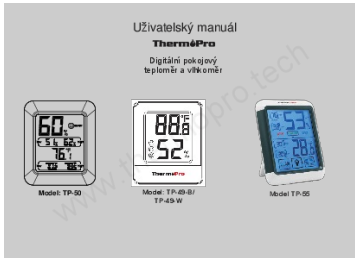


[\[pdf\] Specifications Datasheet Warranty](#)

Su ThermoPro TP49 ThermPro UP2024JAN10 testmeter sg webshaper pcm files Data Sheet |||

ThermoPro **TP49** LCD Digital indoor Hygrometer Thermometer Humidity Black or White SKU: THEPRO**TP49** Manufacture Warranty period: 12 months Country of Origin: China Introduction With highly accurate readings and a wide measurement range, **TP49** is the perfect thermo-hygrometer to keep your environment ...

lang:en score:32 filesize: 471.12 K page_count: 2 document date: 2024-06-01



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Náhled * souboru s návodem k obsluze NÁVOD K OBSLUZE Teploměr ThermoPro TP49 W bílý

Databáze návodů v češtině teplomer thermopro tp49 w bílý 109961 locked navod cz preview 110 |||

Uzivatelsk manu Digitln pokojov ch teplomr a vlhkomr www.thermopro.te Model: TP-50 Model: TP-49-B/ TP-49-W Model TP-55 ...

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Compact Thermohygrometer TP-49: Temperature and Humidity Monitor

Discover the compact ThermoPro TP-49 thermohygrometer, a versatile device for monitoring temperature from -50°C to 70°C and humidity from 10% to 99%. Features a clear LCD display, high accuracy sensors, and multiple mounting options.

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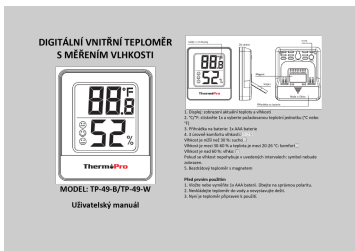
Thermopro			
Model	TP49	TP50	TP55
Picture			
Product dimension (mm)	66 x 55 x 25	79 x 57 x 23	110 x 69 x 24
Temperature			
Range	-50~70°C		
Resolution	0.1 °C		
Accuracy	±1°C		
Humidity			
Range	10~99%RH		
Resolution	1 RH		
Accuracy	±2%RH to 80% ; ±3%RH (other)		
Refresh rate	10 seconds		
Operation temperature	0~40°C		
Storage condition			
Temperature	-20°C~60°C		
Humidity	20~90%RH		
Comfort indicator	Face icon	Face icon	Wind
Max/min	Yes	Yes	Yes (All time/24h)
Back Light	No	No	Yes
Touch Screen	No	No	Yes
Power supply	1.5V (AAA size) x 1	1.5V (AAA size) x 1	1.5V (AAA size) x 2
Display Stand	Yes	Yes	Yes
Wall Mount	No	No	Yes
Magnet Mount	Yes	Yes	Yes

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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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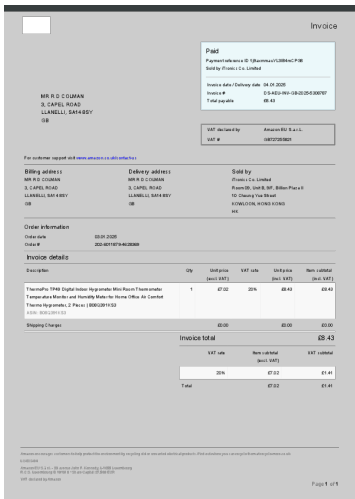


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Invoice MR R D COLMAN 3, CAPEL ROAD LLANELLI, SA14 8SY GB Paid Payment reference ID 1j9axmmauYL3IB ... formation Order date Order # Invoice details Description 03.01.2025 202-6011879-4628369 ThermoPro **TP49** Digital Indoor Hygrometer Mini Room Thermometer Temperature Monitor and Humidity Meter for Home...

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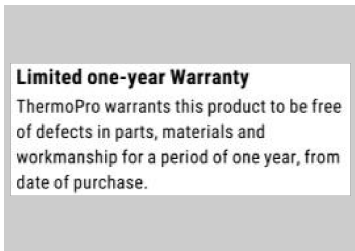


[pdf] Declaration of Conformity

DOC TP 49 Prohlášení o shodě CE 773 KB Teploměr ThermoPro TP49 W bílý KASA cz doc 5393975 kasa document 5 7 9 |||

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[pdf] Warranty Catalog

TP49 Digital Mini Hygrometer and Indoor Thermometer with Temperature Humidity Monitor Warranty ThermoPro TP49B 810012961363 0810012961363 1006888914 03abd292 a145 40ac 958c 98a9ed21eabe images thdstatic catalog Images 03 |||

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<div> <div>GOLITE</div> <div>Changfeng Materials (Hubei) New Materials Co., Ltd.</div> </div>	
<div>SAFETY DATA SHEETS</div> <div>9 Jan. 07 Jan. 2021</div>	
<p>The batteries are articles and are not subject to the OSHA Hazard Communication Standard Requirement as shown in paragraph (b)(6)(v) of §1910.1200. This sheet is provided as technical information only. The information and recommendations set forth are made in good faith and are believed to be accurate as of the date of preparation. However, Golden Power makes no warranty, expressed or implied.</p> <p>Les batteries sont des articles et ne sont pas soumises à la norme OSHA Hazard Communication Standard Requirement comme indiqué au paragraphe (b)(6)(v) de §1910.1200. Cette fiche est fournie à titre d'information technique uniquement. Les informations et les recommandations présentées sont fournies de bonne foi et sont considérées comme exactes à la date de préparation. Cependant, Golden Power n'offre aucune garantie, expresse ou implicite.</p>	
<div>Section 1: Product and Company Identification</div> <div> <div> <div>1.1 Product Name: Name of product:</div> <div>1.2 Other names (if any):</div> </div> <div> <div>1.3 CAS Number (if any):</div> <div>1.4 Molecular Weight (if any):</div> </div> </div>	
<div> <div>Company Name: Name of the company:</div> <div>Company Address: Street Name, City, State, Zip:</div> </div>	
<div> <div>Address: Address:</div> <div>Phone Number: Number of the phone:</div> </div>	
<div> <div>(b) Recommended use of the chemical and restrictions on use: Use as directed on the product label and in accordance with the instructions.</div> <div>2.1 Recommended use of the chemical and restrictions on use:</div> </div>	
<div> <div>1.1 Emergency phone number: Number to call in case of an emergency:</div> <div>1.2 Emergency fax number: Number to call in case of an emergency:</div> </div>	
<div> <div>Section 2: Hazardous Information Section 2: Hazardous Information</div> <div>(c) Class: Class of the chemical in accordance with paragraph (c) of §1910.1200 (Classical):</div> <div>Section 2: Hazardous Information</div> </div>	
<div> <div>(d) Disposal: Disposal of the chemical in accordance with paragraph (d) of §1910.1200 (Disposal):</div> <div>Section 2: Hazardous Information</div> </div>	

[pdf] Datasheet Safety Datasheet Warranty Catalog

TP49 Digital Mini Hygrometer and Indoor Thermometer with Temperature Humidity Monitor SDS

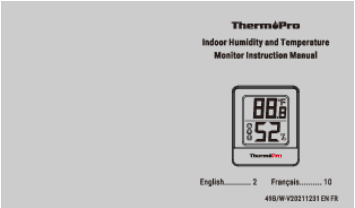
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SAFETY DATA SHEETS Date: 9th Jan., 2021 The batteries are articles and are not subject to the OSHA Hazard Communication Standard Requirement as shown in paragraph b 6 v of 1910.1200. This sheet is provided as technical information only.

The information and recommendations set forth are made in ...

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