

[manuals.plus](#) /

- › [Temtop](#) /
- › [Temtop Humidity Meter T1 User Manual](#)

Temtop US-T1

Temtop Humidity Meter T1 User Manual

Model: US-T1 | Brand: Temtop

1. INTRODUCTION

The Temtop T1 Humidity Meter is a high-precision indoor thermometer and hygrometer designed to accurately monitor environmental temperature and humidity. Equipped with a Swiss-made sensor, it provides reliable data for various indoor environments such as homes, offices, greenhouses, and baby nurseries. Its smart features include historical data viewing, notification alerts, and OTA updates via a dedicated mobile application, ensuring continuous performance and user convenience.



Figure 1: Temtop T1 Humidity Meter and its mobile application interface.

2. WHAT'S IN THE BOX

Upon unboxing your Temtop T1 Humidity Meter, you will find the following components:

- Temtop T1 Meter
- USB Charging Cable (Type-C)
- User Manual
- Magnetic Stand/Bracket



Figure 2: Package contents of the Temtop T1 Humidity Meter.

3. PRODUCT OVERVIEW

The Temtop T1 features a compact design with a clear 3-inch LCD display. It shows current temperature, humidity, and maximum/minimum readings for the past 24 hours. A three-color indicator visually represents humidity comfort levels (dry, comfortable, humid).



Figure 3: Detailed view of the Temtop T1 display.

3.1 Buttons and Ports

- **Power Button:** Located on the top, used to power on/off the device (long press) and toggle the buzzer alarm (short press).

- **Mode Button:** Located on the top, used to switch between Fahrenheit/Celsius (long press) and 12-hour/24-hour time display (short press).
- **USB-C Port:** Located on the side for charging.

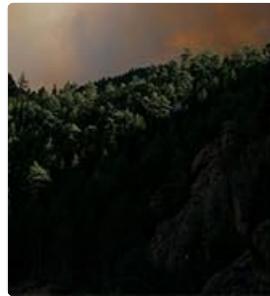


Figure 4: Location of Power and Mode buttons.

3.2 Placement Options

The T1 offers versatile placement options:

- **Magnetic Mounting:** Attach to metal surfaces like refrigerators.
- **Desktop Stand:** Use the included bracket for multi-angle viewing on a desk or table.
- **Handheld:** Compact size allows for easy portability.

Flexible Placement, Your Way!

Magnetic

Place Directly

Tabletop Stand

Handheld

Figure 5: Flexible placement options for the device.

4. SETUP

4.1 Initial Power On

To power on the device, press and hold the Power button for 2 seconds. The display will light up, showing current readings.

4.2 App Download and Bluetooth Pairing

Download the "Temtop" app from your device's app store. Open the app and follow the on-screen instructions to add your device. The T1 uses Bluetooth for connectivity. Ensure Bluetooth is enabled on your smartphone and the device is within range (approximately 98-131 feet in open spaces). Bluetooth signals may be reduced by walls or obstructions.

Your browser does not support the video tag.

Video 1: Guide on how to use the Temtop T1 and connect it to the app for detailed environmental data and alerts. The device's time can only be synchronized via the app.

5. OPERATING INSTRUCTIONS

5.1 Display Information

The LCD display shows:

- Current Temperature (Fahrenheit or Celsius)
- Current Humidity (%RH)
- Max/Min Temperature for the last 24 hours
- Max/Min Humidity for the last 24 hours
- Time (12-hour or 24-hour format)
- Battery Level
- Bluetooth Connection Status
- Buzzer Alarm Status



Figure 6: Max/Min temperature display on the device.

5.2 App Features

The Temtop app provides enhanced functionality:

- **Real-time Monitoring:** View live temperature and humidity readings.
- **Historical Data:** Access and analyze data trends for up to 100 days. Data can be exported for further analysis.
- **Customizable Alerts:** Set specific temperature and humidity ranges to receive notification alerts on your phone if levels go outside your comfort zone.
- **Device Customization:** Personalize settings such as temperature unit, time system, logging interval, and comfort settings.

- **OTA Updates:** Receive firmware updates for continuous technical support and new features.

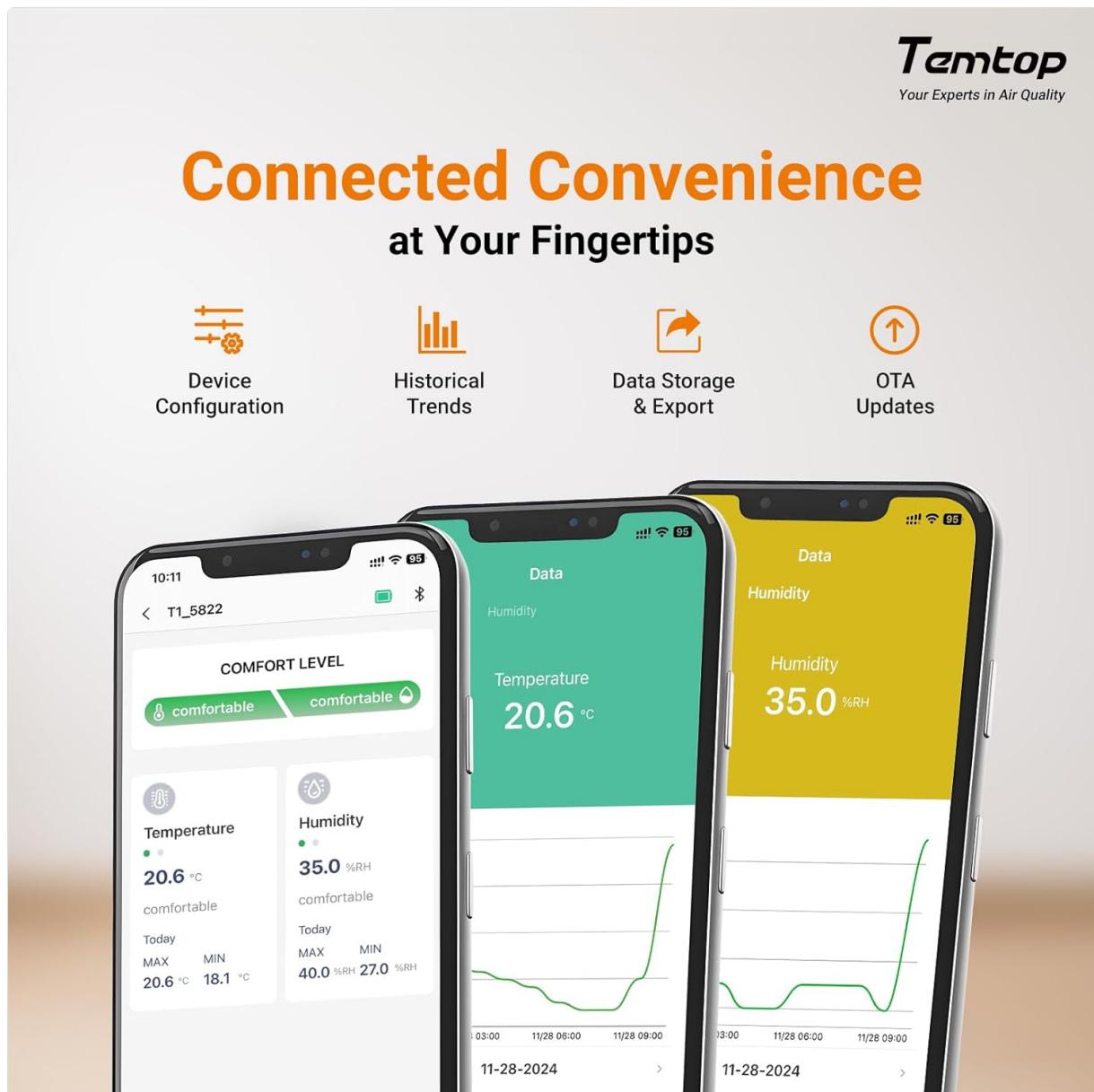


Figure 7: App interface for connected convenience.



Figure 8: Example of historical data trends in the app.

6. MAINTENANCE

6.1 Battery Life and Charging

The T1 is equipped with an 800mA large-capacity lithium battery, offering up to 180 days of battery life on a single charge (based on Temtop lab data; actual usage may vary). Recharge the device using the provided USB-C cable when the battery indicator on the display shows low power.

210 Days of Uninterrupted Monitoring

Enjoy Peace of Mind, No Charging Needed

*Battery life based on Temtop lab tests.
Actual performance may vary depending on usage conditions.



Figure 9: Charging the Temtop T1 for extended monitoring.

6.2 Cleaning

Wipe the device with a soft, dry cloth. Do not use abrasive cleaners or immerse the device in water. Ensure the device remains dry as it is not waterproof.

7. TROUBLESHOOTING

- **Device not powering on:** Ensure the device is charged. Connect it to a power source using the USB-C cable.
- **Bluetooth connection issues:**
 - Ensure Bluetooth is enabled on your phone and the device.
 - Keep the device and phone within line-of-sight for optimal performance.
 - Bluetooth signals cannot pass through walls, which may reduce the connection range.
 - Restart both the device and your phone, then try pairing again.
- **Inaccurate readings:**
 - Ensure the device is placed in a stable environment, away from direct sunlight, heat sources, or drafts.
 - Allow the device sufficient time (at least 30 minutes) to acclimate to a new environment for accurate

readings.

- If readings seem consistently off, consider using the calibration function in the app (refer to app settings).
- **Time not synchronized:** The device's time can only be synchronized via the app. Connect to the app to update the time.

8. SPECIFICATIONS

Feature	Detail
Brand	Temtop
Model Number	US-T1
Temperature Accuracy	±0.9°F
Humidity Accuracy	±5%RH
Temperature Measuring Range	14°F to 140°F (-10°C to 60°C)
Humidity Measuring Range	0-99%RH
Battery Type	Lithium Polymer (800mA)
Battery Life	Up to 180 days
Connectivity	Bluetooth
Mounting Options	Desktop / Magnetic Mounting / Multi-Angle Stand
Item Weight	5.9 ounces
Package Dimensions	5.51 x 4.13 x 1.22 inches

9. WARRANTY AND SUPPORT

Temtop products are designed for reliability and performance. For warranty information, technical support, or assistance with your device, please refer to the contact information provided in the original product packaging or visit the official Temtop website. Keep your purchase receipt for warranty claims.

Related Documents - US-T1

 Temtop S1+ Air Quality Monitor User Manual	Comprehensive user manual for the Temtop S1+ Air Quality Monitor, detailing features, specifications, operation, and troubleshooting for monitoring PM2.5 and AQI.
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 S1 Air Meter User Manual	<p>Temtop S1 Air Quality Monitor User Manual - PM2.5 & AQI Detector</p> <p>Comprehensive user manual for the Temtop S1 Air Quality Monitor. Learn about PM2.5, AQI, temperature, and humidity readings, device specifications, operation, troubleshooting, and warranty information.</p>
	<p>Temtop S1+ Air Quality Monitor User Manual</p> <p>Learn about the Temtop S1+ Air Quality Monitor, a device for tracking indoor PM2.5, temperature, and humidity. This manual covers features, specifications, operation, and troubleshooting for a healthier environment.</p>
 C1 Series Air Quality Monitor User Manual	<p>Temtop C1 Series Air Quality Monitor: User Manual & Specifications</p> <p>This user manual provides detailed information on the Temtop C1 Series Air Quality Monitor, covering its features, specifications, operation, calibration, troubleshooting, and warranty. It helps users understand and effectively use the device to monitor indoor air quality, including CO2, temperature, and humidity levels.</p>
	<p>Temtop M10/M10i Air Quality Monitor: PM2.5, HCHO, TVOC, AQI</p> <p>Detailed overview of the Temtop M10 and M10i desktop air quality monitors. Features include 4-in-1 sensing (PM2.5, HCHO, TVOC, AQI), advanced sensors, easy operation, and wireless connectivity for M10i. View technical specifications and applications.</p>
 P100/M100 Air Station User Manual PM2.5/HCHO	<p>Temtop P100/M100 Air Station User Manual: Comprehensive Air Quality Monitoring</p> <p>User manual for the Temtop P100 and M100 Air Stations. Learn about monitoring PM2.5, PM10, CO2, temperature, and humidity with detailed explanations, specifications, and operational guides.</p>