

Temtop T1-SE

Temtop Indoor Thermometer Hygrometer T1-SE User Manual

Precision Digital Temperature and Humidity Monitor

1. INTRODUCTION

The Temtop T1-SE is a precision digital indoor thermometer and hygrometer designed to monitor temperature and humidity levels in various indoor environments. This device provides real-time data, comfort level indicators, and includes date and time functions, making it a versatile tool for maintaining optimal indoor conditions.



Figure 1: Temtop T1-SE device displaying current temperature, humidity, comfort level, and time.

2. SAFETY INFORMATION

- Keep the device away from water and excessive moisture to prevent damage.
- Avoid exposing the device to extreme temperatures or direct sunlight for prolonged periods.
- Do not attempt to disassemble or repair the device yourself. Refer to qualified personnel for service.
- Keep out of reach of children.
- Dispose of batteries according to local regulations.

3. PRODUCT OVERVIEW

3.1 Package Contents

The package includes the following items:

- Temtop T1-SE Indoor Thermometer Hygrometer
- User Manual
- 3M Adhesive Sticker with Metal Plate
- Charging Cable (for models with rechargeable battery, though this model uses a coin battery)

3.2 Device Features

The Temtop T1-SE offers several key features for comprehensive indoor climate monitoring:

- **Temperature and Humidity Monitoring:** Provides accurate readings with 10-second updates.
- **Comfort Indicator:** Color-coded alerts (Red for Dry, Green for Comfort, Blue for Wet) for quick environmental assessment.
- **Large Display:** Extra-large 3.7-inch display with bold, glare-resistant digits for easy readability.
- **Multiple Mounting Options:** Features a strong built-in magnet, 3M adhesive sticker, and a foldable stand.
- **Date and Time Display:** Includes a 12/24-hour clock and date (month, day, year).
- **Temperature Unit Switch:** Easily switch between Celsius (°C) and Fahrenheit (°F).

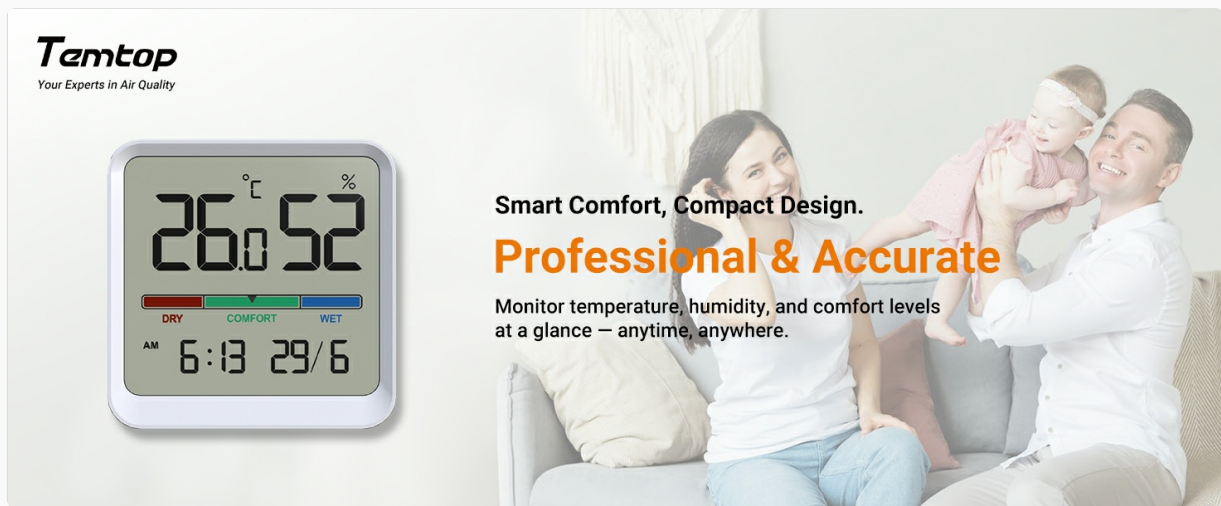


Figure 2: Overview of the Temtop T1-SE's display and core functions.

4. SETUP

4.1 Battery Activation

The Temtop T1-SE is powered by a CR2032 coin battery (included). To activate the device:

1. Locate the battery compartment on the back of the device.
2. Open the battery compartment cover.
3. Gently pull and remove the transparent insulating tab from the battery slot. This tab prevents battery drain during storage.
4. Close the battery compartment cover securely. The device screen will illuminate automatically.

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Video 1: Demonstrates the battery activation process for the Temtop T1-SE.

4.2 Placement Options

The T1-SE offers flexible placement to suit your needs:

- **Magnetic Mounting:** Utilize the strong built-in magnet to attach the device to metal surfaces like refrigerators.
- **Adhesive Mounting:** Use the provided 3M adhesive sticker with a metal plate to mount the device on walls or other non-metal surfaces.

- **Freestanding:** Deploy the collapsible multi-angle support stand for desktop or shelf placement.



Figure 3: Temtop T1-SE mounted on a metal surface using its magnetic back.



Figure 4: Temtop T1-SE utilizing its collapsible stand for desktop use.

5. OPERATING INSTRUCTIONS

5.1 Display Overview

The large LCD screen displays the following information:

- Current Temperature (°C/°F)
- Current Humidity (%)
- Comfort Level Indicator (DRY, COMFORT, WET)
- Time (AM/PM, 12/24H format)
- Date (Month/Day/Year)

Indoor Temperature & Humidity Monitor

Temtop
Your Experts in Air Quality



Temperature -10-50°C (14-122°F)

Humidity 10-95% RH

Figure 5: Detailed view of the T1-SE's digital display.

5.2 Setting Time and Date

To set the time and date:

1. Press and hold the **SET** button (located on the back) for 3 seconds. The hour digits will start flashing.
2. Use the **+** or **-** buttons to adjust the hour. Press and hold for faster adjustment.
3. Press **SET** again to confirm the hour and move to minute setting. Repeat the adjustment process.
4. Continue pressing **SET** to cycle through and adjust Year, Month, and Day.
5. After setting the Day, press **SET** one last time to exit the setting mode.

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Video 2: Demonstrates the battery activation process for the Temtop T1-SE.

5.3 Switching Temperature Units (°C/°F)

To switch between Celsius and Fahrenheit:

- Briefly press the **+** button (located on the back) to toggle between °C and °F.



Figure 6: Illustration of switching between Celsius and Fahrenheit temperature units.

5.4 Comfort Level Indicators

The device features a color-coded bar to indicate the comfort level based on humidity:

- **RED (DRY):** Humidity below 40% RH.
- **GREEN (COMFORT):** Humidity between 40% and 69% RH.
- **BLUE (WET):** Humidity between 70% and 95% RH.

Know Your Comfort Zone Instantly

Dry: <40% RH

Comfortable: 40%–69% RH

Wet: 70%–95% RH

Visual comfort indicator helps protect your health, reduce allergens, and maintain balance indoors.

Figure 7: Explanation of the color-coded comfort level indicators on the display.

6. MAINTENANCE

- Clean the device regularly with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Ensure the air vents on the device are not obstructed to allow for accurate readings.
- If the display becomes dim or unresponsive, replace the CR2032 coin battery.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No display or dim display	Battery not activated or low battery.	Ensure the insulating tab is fully removed. Replace the CR2032 battery if necessary.
Inaccurate readings	Device placed near heat/cold sources or in direct airflow. Vents obstructed.	Relocate the device to a stable environment away from extreme conditions. Ensure vents are clear.
Cannot set time/date	Buttons not pressed correctly or device unresponsive.	Press and hold the SET button firmly for 3 seconds. If unresponsive, try removing and reinserting the battery.

8. SPECIFICATIONS

Specification	Value
Model Number	US-T1SE
Temperature Measuring Range	14°F - 122°F (-10°C - 50°C)
Temperature Accuracy	±1.8°F (±1°C)
Humidity Measuring Range	10% - 95% RH
Humidity Accuracy	±5% RH (for 40-80% RH)
Update Rate	Every 10 seconds
Display Size	3.7 inches
Power Source	1 x CR2032 Nonstandard Battery (included)
Product Dimensions	2.76 x 2.76 x 0.55 inches (70 x 70 x 14 mm)
Item Weight	2.08 ounces (57g)

9. WARRANTY AND SUPPORT

Temtop products typically come with a **one-year detector warranty**. For specific warranty details, product support, or technical assistance, please refer to the contact information provided in your product packaging or visit the official Temtop website. Temtop is manufactured by Elitech.

For additional resources and information, you may visit the [Temtop Store on Amazon](#).