

Overview

The Mengshen MS-TH02 is a digital indoor thermometer and hygrometer that displays real-time temperature, humidity, time, and date. It features a large LCD screen, a fast reading system, and the ability to store maximum and minimum readings. The device is powered by a single AAA battery (included) and can be placed on a table or mounted on a wall.



Features

Display and Readings

- **Large LCD Screen:** Displays temperature, humidity, time, and date simultaneously for easy reading.
- **Temperature Range:** -58°F to 158°F (-50°C to 70°C) with a resolution of 0.1°C (0.2°F). Accuracy: $\pm 1^\circ\text{C}$ (1.8°F).
- **Humidity Range:** 10% to 99% RH with a resolution of 1% RH. Accuracy: $\pm 5\%$ RH (30% to 70% RH).

- **°C/°F Switch:** Allows you to toggle between Celsius and Fahrenheit temperature units.

Clock and Calendar

- Displays the current time (clock function).
- Shows the calendar date (month and day).

Max/Min Memory

- Records and displays the maximum (MAX) and minimum (MIN) temperature and humidity readings since the last reset.
- Useful for monitoring environmental changes over a period.

Fast Reading System

- The sensor updates readings quickly, with a response time of 0.5 seconds, providing near real-time data.

Mounting Options

- **Tabletop Stand:** A retractable stand on the back allows the device to sit upright on a flat surface.
- **Wall Mount:** A hanging hole on the back enables easy wall mounting.



What's in the Box

- 1 x Mengshen MS-TH02 Temperature Humidity Meter
- 1 x AAA Battery (pre-installed)
- 1 x English User Manual

Use Guide

Powering the Device

1. Locate the battery compartment on the back of the device.
2. Remove the battery cover.
3. Insert one AAA battery (1.5V) with the correct polarity (+/-). The device is powered on automatically.
4. Replace the battery cover.

Setting the Time and Date

1. Press and hold the **MODE** button (located on the front or side) for 3 seconds to enter time/date setting mode.
2. The hour digits will flash. Press the **ADJ** button to adjust the hour.
3. Press **MODE** again to confirm and move to the minutes. Repeat the adjustment process.
4. Continue pressing **MODE** to cycle through and set the month and date.
5. Press **MODE** one final time to save all settings and exit.

Switching Between °C and °F

1. Locate the °C/°F button on the device.
2. Press the button to toggle the temperature display between Celsius and Fahrenheit.

Viewing Max/Min Readings

1. Press the **MAX/MIN** button once to view the maximum recorded temperature and humidity.
2. Press the **MAX/MIN** button again to view the minimum recorded values.
3. Press the button a third time to return to the current real-time readings.
4. To clear the stored max/min values, press and hold the **MAX/MIN** button for 3 seconds.

Placement and Mounting

- **Tabletop:** Pull out the retractable stand on the back and place the device on a flat, stable surface.
- **Wall Mount:** Use the hanging hole on the back to hang the device on a screw or nail. Ensure the mounting surface is secure.

Note: Place the device away from direct sunlight, heat sources, and drafts for accurate readings. Avoid areas with high moisture (e.g., directly in a shower) to prevent damage.

Specifications

Feature	Specification
Model	MS-TH02
Display Type	Digital LCD
Temperature Range	-58°F to 158°F (-50°C to 70°C)
Temperature Accuracy	±1°C (1.8°F)
Temperature Resolution	0.1°C (0.2°F)
Humidity Range	10% to 99% RH
Humidity Accuracy	±5% RH (30% to 70% RH)
Humidity Resolution	1% RH
Response Time	0.5 seconds
Power Source	1 x AAA battery (1.5V, included)
Outer Material	Acrylonitrile Butadiene Styrene (ABS)
Product Dimensions	98 x 105 x 23 mm (3.82 x 4.13 x 0.91 inches)
Item Weight	0.1 kg (3.5 oz)
Indoor/Outdoor Use	Indoor only

Care and Maintenance

- Clean the device with a soft, dry cloth. Do not use water, solvents, or abrasive cleaners.
- Remove the battery if the device will not be used for an extended period.
- Store in a cool, dry place within the storage temperature range of -20°C to 60°C (-4°F to 140°F) and humidity below 80% RH.

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.

