

Temperature&Humidity Meter



Before using the instrument, please read this manual carefully, and save it well for future using.

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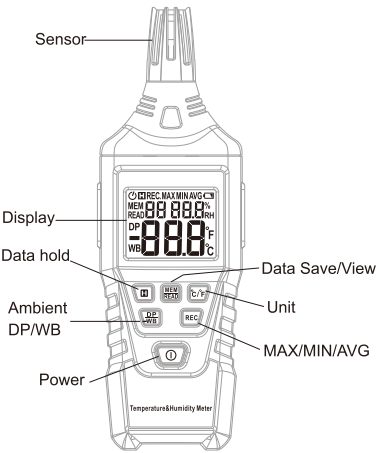
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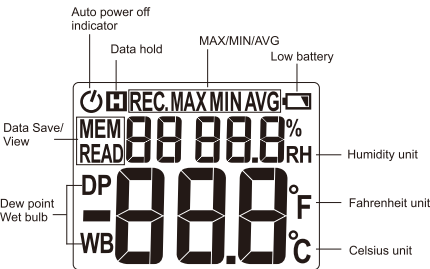
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Introduction

Temperature and humidity meter is a battery-powered, high-precision temperature and humidity sensor. To measure relative humidity 、ambient temperature、wet bulb temperature and dew point temperature.



Display



Operation

Note

When moving from one temperature/humidity extreme to another, allow time for the Meter to stabilize.

Temperature and humidity measurement

- Press to turn on the Meter and start taking measurements
- Temperature readings are displayed in either the Celsius (°C) or Fahrenheit (°F) scale. To switch between °C and °F, press

Wet bulb /dew point temperature view

The Meter displays ambient temperature when first turned on. To display dew point (DP) temperature, press once. Press again to switch to wet bulb (WB) temperature. Pressing third time returns the Meter to ambient temperature. The display indicates when dew point and wet bulb temperatures are selected.

Maximum/Minimum/Average Record

When enabled, Max/Min/Avg. Record stores a new measurement when it is either higher or lower than a previously stored maximum or minimum measurement. Press to start Max/Min/Avg. Record. REC appears in the display to indicate Max/Min/Avg. Record mode is enabled.

To view the stored Maximum, Minimum and Average readings, press repeatedly to cycle through all three stored sets of measurements

To exit Min Max Record mode and resume normal operation, press and hold for two seconds.

Data hold

Pressing causes the meter to freeze the displayed readings. It also causes the meter to stop taking measurements. is

displayed when data hold is enabled. To continue taking measurements, press again.

Data save/read/delete

- Pressing saves the present readings to memory.
- To read the readings from memory, Press and hold for two seconds.
- If the memory location you are looking for is not already displayed, press or until the desired memory location is displayed. To return the Meter to normal operation, press for two seconds.
- To erase all memory locations, press for two seconds. In the read the readings state.

Auto Power Off

- To save battery life, the Auto Power off feature can be used to turn the meter off after 10 minutes of no activity.
- To enable or disable the Auto Power off feature, to press and hold the key to turn on meter, the Auto Power off feature will be cancelled. The Auto Power off feature can be restored by reopening the Meter after shutdown.
- When the meter Auto Power off feature is enable, the display screen will display symbol; when the Auto Power off feature is cancelled, it will not display.

Specifications

Ambient	Range: -20.0°C ~ 60.0°C(-4.0°F~140.0°F) Accuracy: 0.0°C ~ 45.0°C(32°F ~113°F) ±1.0°C/2.0°F Other: ±1.5°C/3.0°F Resolution: 0.1°C/0.1°F
Humidity	Range: 0.0% ~99.9%RH Accuracy: 20%~ 80%: ±3.0%RH Other: ±4.0%RH Resolution: 0.1%
Wet bulb	Range: -20.0°C ~ 60.0°C(-4.0°F~140.0°F) Accuracy: 0.0°C ~ 45.0°C(32°F ~113°F) ±1.0°C/2.0°F Other: ±1.5°C/3.0°F Resolution: 0.1°C/0.1°F
Dew point	Range: -50.0°C ~ 60.0°C(-58.0°F~140.0°F) Accuracy: 0.0°C ~ 45.0°C(32°F ~113°F) ±1.0°C/2.0°F Other: ±1.5°C/3.0°F Resolution: 0.1°C/0.1°F
data storage	99 Groups
Auto power off	30 minutes
Power	3 x 1.5VAAA(LR03) batteries

Maintain

Battery replacement

When appears in the display, replace the batteries as soon as possible. To replace the batteries:

- Back out the screw of the battery cover and lift the cover away from the Meter.
- Remove batteries from the compartment
- Replace with new AAA batteries, observing proper polarity as depicted on the bottom of the battery compartment.
- Re-install the battery cover and tighten the screw to lock it in place.

Cleaning

Caution

To avoid damage to the case, do NOT use abrasives or solvents for cleaning the meter.

Periodically wipe the case with Cleaner or a damp cloth and detergent.

