

TL500 Thermo-hygrometer

User Manual

Thank you for purchasing this thermo-hygrometer. We recommend that you read and follow the manual carefully before use.

Features:

1. Temperature, Humidity, Wet bulb Temperature, Dew point Temperature measurement
2. Large LCD with backlight
3. High accuracy
4. Fast response time
5. Max/Min data and Data Hold Function
6. Auto power off and Disable sleep mode

Specifications:

Humidity Range: 0 to 100%RH

Humidity Accuracy: $\pm 3\%$ RH (at 25°C, 20%~80%RH)

Temperature Range: -40 to 105°C (-40 to 221°F)

Temperature Accuracy: $\pm 0.5^{\circ}\text{C}/\pm 0.9^{\circ}\text{F}$ (at 25°C)

$\pm 0.8^{\circ}\text{C}/\pm 1.5^{\circ}\text{F}$ (at another)

Dew point Temperature: -40 to 105 °C (-40 to 221°F)

Wet Bulb Temperature: 0 to 80°C (-32 to 176°F)

Resolution: 0.01% RH, 0.01°C/0.01°F.

Response Time: %RH: 0.5s

Operation temperature: 0 to 50°C (32 to 122°F)

Operation humidity: 10 to 90%RH

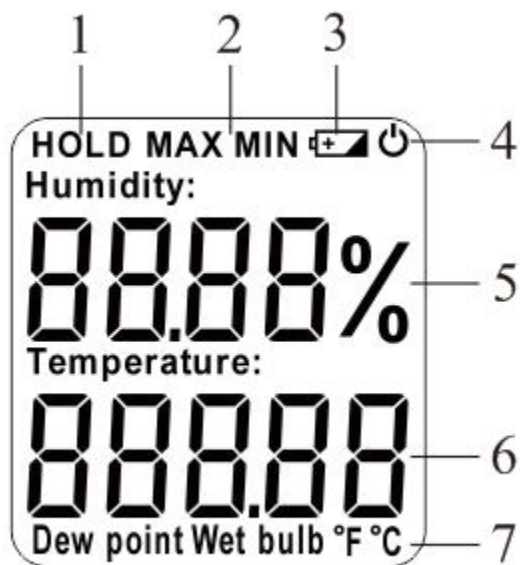
Storage temperature: -10 to 60°C (14 to 140°F)

Storage humidity:10 to 75%RH

Size:220*55*35mm

Weight:255g(included 9V battery)

LCD display



1.Hold mode symbol

2.Max/Min mode symbol

3.Low battery indicator

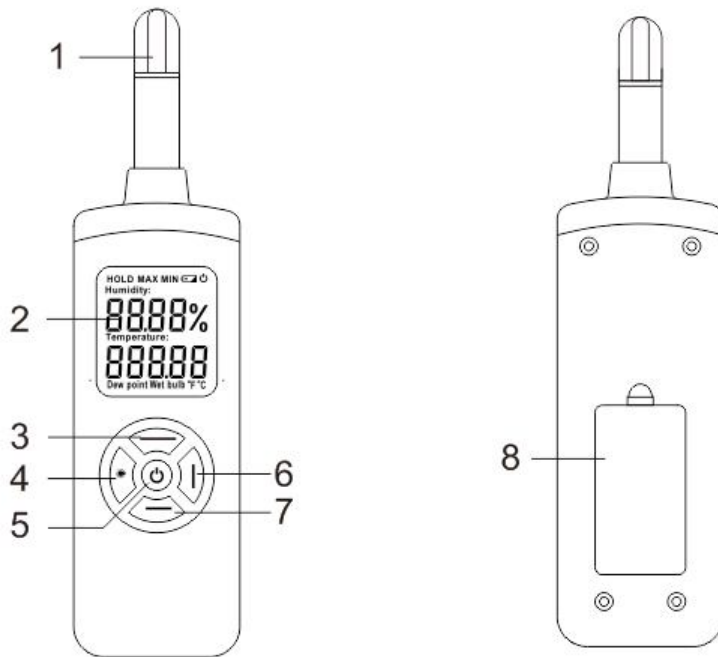
4.Power symbol

5.Humidity reading display

6.Temperature reading display

7.Dew point and Wet bulb units

Product description and operation:



1. Temperature and Humidity Sensor

2. LCD Display

3. MAX/MIN Button

Press the **MAX/MIN button** to display the max or min temperature and humidity reading

4. Backlight Button

Press the **Backlight button** to turn on/off the backlight.

5. Power on/off Button

Press the **Power on/off button** to turn on the meter, The meter will auto power off after 10 minutes without any operation.

Press the **HOLD button** and **Power on/off button** together to turn on the meter, the instrument works all the time until the battery runs out.

6. Hold Button


Under hold mode, current reading display will be frozen.

7. Units Button

Press the **UNITS button** to select the unit among °C, °F, Dew point °C, °F, Wet bulb °C, °F.

8. Battery Cover

Battery Replacement:

If the meter does not power on as usual or the low battery icon  appears on the LCD display, please replace the batteries with a new 9V battery as soon as possible.

Dispose of the battery in an environmentally safe at a recycling point.

DO NOT DISPOSE OF IN YOUR BIN!

Trouble Shooting:

1. Power on but no display or the display disappears

- a. Check the battery is in place with good contact to the pins and the correct way round.
- b. Remove battery for one minute and re-install.
- c. Replace the battery.

2. For all other issues please contact your supplier.

Warranty:

This meter has a one year warranty for a period of one year from date of purchase.

This warranty covers normal operation and does not cover batteries (including leaks), misuse, abuse, alteration, tampering, neglect, improper maintenance or improper calibration. Nor can the warranty be used as an excuse for a false claim simply because you have changed your mind after the initial 14 day period.

Proof of purchase is required for warranty repairs.