



V & A INSTRUMENT VA8010 Temperature Humidity Dew Point Meter User Manual

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V & A INSTRUMENT VA8010 Temperature Humidity Dew Point Meter



Introduction

Thank you for purchasing the temperature/humidity/dew point meter from us. Please take a few minutes to browse through this user manual before you begin to operate the meter to ensure that you are fully familiarized with how best to operate the meter as accurately and safely as possible. The meter is a temperature and humidity measuring instrument. It is normally used to measure the humidity and temperature in offices, storerooms, buildings, and greenhouses.

Precautions safety measures

To get the best service from this meter, please read this user's manual carefully and observe the detailed safety precautions strictly.

During use

1. Don't touch the humidity sensor.
2. Don't expose the sensor to direct light, this causes a false reading.
3. Never store the product together with solvents, acids, or other aggressive substances.

Maintaining the product

1. Do not measure at a high-temperature place.
2. When not using the instrument for a long time, please remove the battery and avoid storing it at high temperature and high humidity.

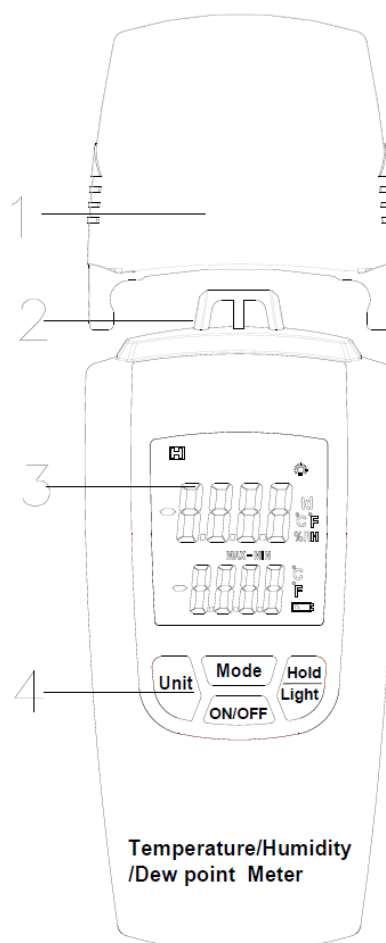
Features

1. Display: 4 digits LCD Display
2. Parameters: °C, °F, %RH(relative humidity), dew point temperature)
3. Resolution: 0.1°C, 0.1°F, 0.1%RH
4. Range: -10 +50°C, +14 +122°F, 0 +100%RH
5. Accuracy: ±1.0°C, ±1.8°F, ±3%RH 5 95%RH
6. Sample rate: 1 time /sec
7. auto power off for about 20 minutes
8. Operating environment: -10 +50°C, +14 +122°F
9. Storage environment: -20 +60°C, -4 +140°F
10. Dimension and Weight: 121(L)x60(W)x30(H)mm, about 180g
11. **Accessories:** DC1.5V (AAA) x 3pcs

- String x 1pcs
- Users manual x 1pcs

Names of parts

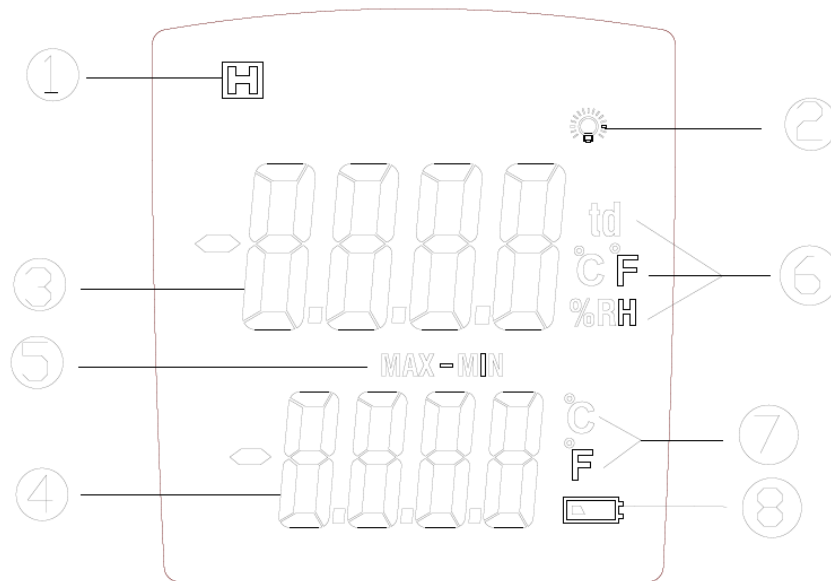
Instrument Familiarization



1. Sensor cover

2. Sensor
3. LCD display
4. Function key

LCD Display



The meaning of the symbols is represented by the following

1. Indicating it is now in the data-holding state
2. Indication to backlight
3. Display zone
4. Display zone
5. Maximum / Minimize
6. Humidity units
7. Temperature units
8. Indication to low voltage of the batteries

Operation Instruction

NOTE: In order to ensure the accuracy of the measurement readings, all the interference sources which may affect the measurement results about temperature and humidity (such as the hand) must be away from the sensor.

1. Put the instrument with enough battery power in the hand, press the ON/OFF key to turn the power on, and enter into the measuring mode. The LCD will display the current value of temperature and humidity. The default humidity / temperature unit is % RH / °C.
2. Press the Unit key to change the humidity/temperature unit. The adjustable parameters are %RH(relative humidity), td(Dew-point temperature), °C, °F; press the Mode and **HOLD LIGHT** key to change MAX/MIN and HOLD mode.
3. Switching the backlight on When the meter is powered on, press the **HOLD LIGHT** key >2sec. the backlight will



be turned on, and the icon will display on the LCD. Press the key once >2sec. the light will be turned off, and the icon will disappear. If you still need more operations, please see the description of function keys.

Function keys

1. ON/OFF key

Press the key to turn the power ON and press the key once more >2sec. to turn the power OFF.

2. Mode key

Press the key can select the state of MAX, MIN. LCD will display the max/min values since the instrument was last switched on or last reset.

3. Unit key

Pressing the key can change the parameter unit. Adjustable units: %RH/°C,td/°C,%RH/°F,td/°F.

4. HOLDLight key



Press the key, and an icon will display on the LCD, and the readout held in. Press the key once more to cancel the hold function. **HOLDLight** Press the key >2sec. the backlight will be turned on, and the icon



will display on the LCD. Press the key once >2sec. the light will be turned off, and the icon will disappear.

5. Auto power off setting

When the meter is powered on, it is under auto power off mode. The meter will power itself off after 20 minutes if no key operation. Canceled auto power-off function: press the Hold key when power on until the LCD display AP OFF, then press the Hold key again to confirm the setting.

Maintenance

1. CLEANING INSTRUCTIONS

The meter may be wiped down with a wet sponge or cloth using a mild water-based detergent or anti-bacterial soap and rinse under a gentle stream of cold water.

NOTE: This unit is not designed for complete submersion or washing in water.

2. BATTERY REPLACEMENT

Use the following procedure: When the battery voltage drop below the proper operating range the





symbol will appear on the LCD display and the battery needs to be replaced.

- Press the battery cover and towards the arrowhead, direction to open the battery cover.
- Replace the battery with three new 1.5V batteries (AAA).

- Replace the battery cover

Documents / Resources

 TEMPERATURE / HUMIDITY / DEW POINT METER VA8010  Users Manual CE	V A INSTRUMENT VA8010 Temperature Humidity Dew Point Meter [pdf] User Manual VA8010, Temperature Humidity Dew Point Meter, VA8010 Temperature Humidity Dew Point Me ter, Humidity Dew Point Meter, Dew Point Meter, Point Meter, Meter
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