

HUMIDITY ALARM

Instruction Sheet

GENERAL INSTRUCTION

This instrument is a multifunctional thermo-hygrometer. Humidity alarms warn when the relative humidity goes above the preset upper limit or goes below the preset lower limit. The sensor can be mounted on the meter or extended for measurements in other locations. The instrument can be mounted on wall or placed on a flat surface.

Features

1. Temperature, relative humidity and dew point measurements
2. Humidity alarm limits can be set.
3. Max/min reading memory
4. Humidity alarm feature can be turned on or off.
5. Fahrenheit/Celsius exchange

SPECIFICATIONS

	Range	Resolution	Accuracy
Temperature	-10°C ~ 60°C 14°F ~ 140°F	0.1°C 0.2°F	±1.0°C ±1.8°F
Humidity	20% ~ 95%	1%	±5%RH within 25% to 85%RH and 0°C to 50°C
Dew Point	-29°C ~ 59°C -20.2°F ~ 138.2°F	0.1°C 0.2°F	±2°C @ 20°C ±3.6°F @ 68°F

Sampling Rate: about 1 time per 3 secs

Setting Range of Humidity Alarm Limit: 20% ~ 95%

Operating Temperature: mainbody: 0°C ~ +50°C
sensor: -10°C ~ +60°C

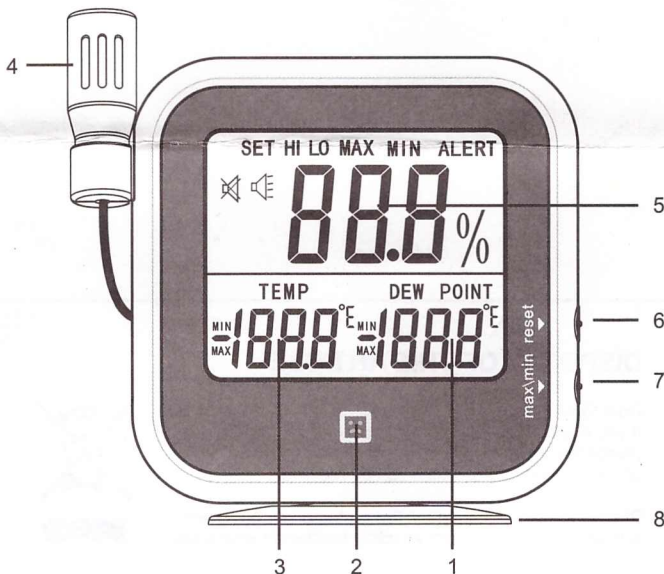
Storage Temperature: -20°C ~ +50°C

Battery: 1.5V battery, AAA or equivalent, two pieces

Size: 115×114×66

Weight: about 145g (including batteries)

STRUCTURE



1. Dew Point Display

2. Alarm LED

3. Temperature Display

4. Temperature-Humidity Sensor

This sensor can be mounted on the left side of the meter or extended for measurements in other locations.

5. Humidity Display

6. "reset" Button

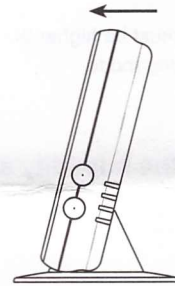
- a. Press this button for about 3 secs to enter setting mode.
- b. In setting mode, press this button to select the desired item you want to adjust. After all the items have been displayed one time, pressing this button quits the setting mode.
- c. When the screen displays maximum (or minimum) values, press this button to clear the maximum (or minimum) values which are being shown. The instrument will record new maximum (or minimum) values of all readings recorded since this clearing.

7. "max/min" Button

- a. In normal measurement mode, press this button to step through the maximum values ("MAX" appears), the minimum values ("MIN" appears) and the current values.
- b. In setting mode, press this button to adjust or change the selected item.

8. Holder

If you want to mount the instrument on wall, you can remove this holder from the instrument. To do it, use one hand to hold the holder, use another hand to push the instrument's main body in the direction indicated by the arrow in the following figure.



OPERATION INSTRUCTION

Preparation for use

Remove the holder from the instrument, then slide out the battery cover, install two new 1.5V batteries (AAA or equivalent) into the battery compartment, make sure the polarity connections are correct. Reinstall the battery cover and the holder.

After you have installed the batteries, the instrument will sound a beep and then go into normal measurement mode. The screen shows the current temperature, current humidity and current dew point.

Note: When the display gets blurry, the batteries are low and should be replaced immediately.

Displaying the maximum, minimum or current readings

In normal measurement mode, press the "max/min" button once. The screen shows the highest humidity, the highest temperature and the highest dew point the instrument recorded. The symbol "MAX" appears as indication.

Press the "max/min" button again, the screen shows the lowest humidity, the lowest temperature and the lowest dew point the instrument recorded. The symbol "MIN" appears as indication.

Press the "max/min" button once more, the instrument returns to normal measurement mode.

Note:

When you replace batteries, all the recorded data will be cleared. The instrument will record new maximum values and new minimum values.

Clearing the maximum or minimum values

When the screen shows the maximum (or minimum) values, press the "reset" button to clear these maximum (or minimum) values. The instrument will record new maximum (or minimum) values of all readings since this clearing.

Setting the humidity alarm limits

1. Press the "reset" button for about 3 secs to enter setting mode. The screen shows the symbol "SET HI" and the current humidity alarm upper limit. They blink on the screen.
2. Press the "max/min" button to increase the upper limit, keep pressing to increase it rapidly. (When the highest value is reached, the upper limit will wrap to the lowest value.)
3. After you have set the upper limit, press the "reset". The screen shows the symbol "SET LO" and the current humidity alarm lower limit. They blink on the screen.
4. Adjust the lower limit by using the same method of step 2.
5. After you have set the lower limit, press the "reset" button repeatedly to quit the setting mode or you can wait (about 1 minute) until the instrument quit the setting mode automatically.

Note:

The upper limit you set must be higher than the lower limit; otherwise you can not quit the setting mode.

Turning on or off the humidity alarm feature

The symbol "☞" indicates that the humidity alarm feature has been turned on, and the symbol "☞" indicates that the humidity alarm feature has been turned off.

In normal measurement mode, if the humidity alarm feature is turned on, the alert will be activated when the current humidity goes above the humidity alarm upper limit or goes below the humidity alarm lower limit.

If the current humidity goes above the humidity alarm upper limit, the alert consists of a symbol "HI", a slowly blinking symbol "ALERT", a flashing red light (for about 1 minute or less) and buzzer sound (for about 1 minute or less). If the current humidity goes below the humidity alarm lower limit, the alert is almost the same as mentioned above. The only difference is that the symbol "LO" is shown instead of the symbol "HI".

To turn on or off the humidity alarm feature:

1. Press the "reset" button for about 3 secs to enter setting mode.
2. Press the "reset" button until "☞" or "☞" appears on the screen.
3. Press the "max/min" button to turn on or off the humidity alarm feature.
4. After you have completed the setting, press the "reset" button repeatedly to quit the setting mode or you can wait (about 1 minute) until the instrument quits the setting mode automatically.

Selecting celsius or fahrenheit measurement

1. Press the "reset" button for about 3 secs to enter setting mode.
2. Press the "reset" until "°C" or "°F" appears on the display.
3. Press the "max/min" button to select celsius or fahrenheit measurement.
4. After selection, press the "reset" button repeatedly to quit the setting mode or you can wait (about 1 minute) until the instrument quits the setting mode automatically.

NOTE

1. This Instruction Sheet is subject to change without notice.
2. Our company will not take the other responsibilities for any loss.
3. The content of this Instruction Sheet can not be used as the reason to use the instrument for any special application.

DISPOSAL OF THIS ARTICLE

Dear Customer,

If you at some point intend to dispose of this article, then please keep in mind that many of its components consist of valuable materials, which can be recycled.

Please do not discharge it in the garbage bin, but check with your local council for recycling facilities in your area.

