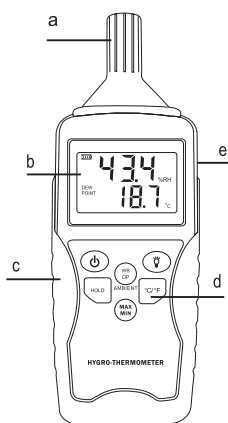


Hygro-Thermometer

Instruction Manual



Ver 1.0



1. Safety

- 1.1 Please read this instruction manual thoroughly and carefully, and be aware of the operation before put it into use. Please keep this manual for later reference.
- 1.2 The device should be used to take measurement within the range, and do not use it for other unspecified applications.
- 1.3 Do not use it in heavy dusty environment, or store it with acid or other corrosive substances.
- 1.4 Do not store or transport the device in the environment where the temperature is higher than the specified one.
- 1.5 Only open the device under the instruction of the Manual or the professional.
- 1.6 The device is guaranteed one year after the purchase date, however, the warranty does not cover disposable batteries or damage from accident, neglect, misuse, alteration, contamination, or abnormal conditions of operation or handling.

2. Parameters

This device is used to measure temperature, humidity, dew point and wet-bulb temperature. With high accuracy capacitance humidity sensor, the device performs stably and precisely, it is dustproof and anti-static, often used in office room, warehouse, and greenhouse for temperature and humidity measurement.

Sensor	High accuracy capacitance humidity sensor	Power supply	1x9V,6F22 battery
	NTC temperature sensor	Battery life	120 hours,with backlight off
Range	-10~50°C, 14~+122°F	Operating Temperature	0~+50°C
	1~+99%RH	Operating Humidity	10~90%RH Relative Humidity
Resolution	0.1°C,0.1°F,0.1%RH	Storage Temperature	-10~+60°C
Accuracy	±0.5°C,±0.9°F	Storage Humidity	10~75%RH Relative Humidity
	±2.5%RH (10~90%RH)	Size	73*155*36mm
Sampling rate	5.0s	Weight	230g(battery included)
Long time stability	0.5%RH/yr	Standard Accessories	Carrying Case,user's manual

Please be noted no more notice will be given for modification of specifications.

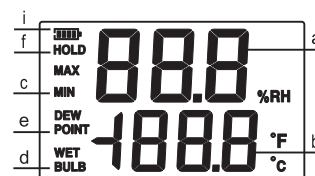
3. Description

Structure :

- a. Sensor
- b. Screen
- c. Protective Cover
- d. Buttons
- e. Battery compartment

Display :

- a. Humidity
- b. Temperature
- c. The Max/Min value
- d. Wet-bulb temperature
- e. Dew point
- f. Hold the current reading
- l. Battery indicator



4. Buttons

【Power】 : Switch the device on or off

Switch on: Put in battery, press the button, it displays fully, and quickly be ready for measurement

Switch off: Automatically goes off after 10mins inaction; or by pressing the button.

【Light】 : Backlight: Switch on or off the backlight

Press the button to switch the backlight on or off, it goes off automatically after 10s inaction (use it the less, the more battery power saved.)

【HOLD】 : Hold the current reading

Press this button to freeze the current reading on the screen.

【WB/DP】 : Measure the dew point and wet-bulb temperature

【°C/°F】 : Switch between °C and °F

【Max/Min】 : Display the Max and Min value




CE Certification

This instrument certified to the following standard:
EN 61010-1 General Safety



PLEASE RECYCLE

5. Operation guide

Put in battery, press  button, choose the temperature unit, and observe the readings on the screen.

Note:


To avoid measuring error, adapt the device to the environment for a while before start the measurement.
Please skip the first couple of readings too.

6. Battery replacement

To maintain the measurement accuracy, please replace the battery when the low battery indicator  is displayed on the screen.

How to replace battery:

- a. Take off the protective cover carefully.
- b. Unscrew the battery cover on the back of the device.
- c. Replace it with new 9V. 6F22 battery , keep the positive and negative poles at the right places.
- d. Put back the battery cover, and the protective cover.

 If the device won't be used for a long time, please take the battery out, in case the leakage cause damage to the device.

Take the used batteries to the collection point.

Send the unusable devices back to the manufacturer or dispose it in environmental friendly way.

7. Maintenance

Clean the surface of the device with a wet cloth or household cleaner.

Do not use any corrosive liquid on the device.