



User's Manual
Mini Humidity & Temperature Meter 13/483/0



***Please read this user manual thoroughly before use
and keep it safe for future reference.***

1. General Description

This Temperature and Humidity Meter is designed to provide simple, accurate measurements for Health and Safety Engineers, Industrial Safety Officers in a variety of industrial environments such as factories, schools, kitchens, garages and construction sites.

2. Features

- Provides continuous readings of temperature and humidity.
- Stores Maximum and Minimum readings
- Hold function

3. Basic User Maintenance

This device contains no user serviceable parts and repairs should only be performed by qualified personnel. Clean by wiping the unit with a soft dry cloth, do not use abrasives or solvents on this instruments. The battery will need to be replaced periodically, see section 10.

4. Safety

Read the following safety information carefully before attempting to operate this meter.

Use the meter only as specified in this manual; otherwise, the readings provided by the meter may be impaired.

Suitable conditions for use:

Altitude up to 2000 metres

Storage and operating conditions: -20 to 60°C, RH≤90% (Non-Condensing)

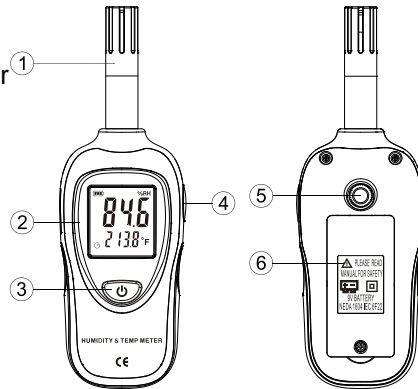
EMC compliant (IEC61672-1 Class 2)

5. Specifications

	Measuring Range	Accuracy	Resolution
Humidity	0%~100%RH	20%~40%RH : ±3.0%	0.1%RH
		40%~60%RH: ±2.5%	
		60%~80%RH: ±3.0%	
		0%~20%RH 80%~100%RH: ±3.5%	
Temperature	-30°C~70°C -22°F~158°F	-30°C~-10°C&F: ±1.0°C&F	0.1°C
		-10°C~70°C&F: ±0.5°C&F	
Response time	1 second		
Sampling rate	2 times per second		
Working Temp.	-30°Cto 60°C		
Power Resource	9V battery		
Dimension(L*W*H)	165* 55* 38mm		
Weight	88g		

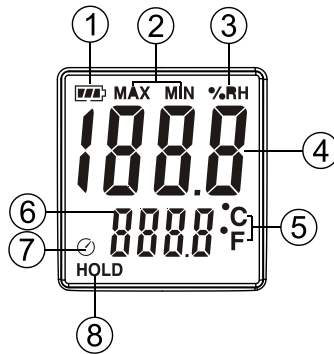
6. Meter Description

- ① Temperature & Humidity sensor
- ② LCD display
- ③ Power ON/OFF button
- ④ MAX/MIN button
- ⑤ Tripod nut
- ⑥ Battery cover




7. LCD Display Description

- ① Low battery indication
- ② MAX/MIN icon
- ③ Humidity icon
- ④ Humidity reading
- ⑤ °C/°F temperature units
- ⑥ Temperature reading
- ⑦ Auto power off icon
- ⑧ Hold icon




8. Operating Instructions


Backlit & Power ON/OFF Function

Power ON: Press and release the power button  and the LCD screen will be activated.

Power OFF: Press and hold the power button  for approximately 3 secs until the LCD switches off.


Backlit: When the meter is on, press the power button , again and the backlight will be switch on.


Pressing the power button again will switch it off, but it will automatically turn off after approximately 30 secs of inactivity.  Auto power off icon, the meter will automatically turn off after approx. 15 minutes of inactivity.


Backlit: After turning the meter on, momentarily press  button, the backlit will be on/off, it will

automatically turn off after approx. 30 seconds of inactivity.



Hold & MAX/MIN Function

HOLD: After turning the meter on, momentarily press  button "HOLD" icon will appear on the LCD, which indicates the data is frozen. To release the held reading, press the button again.

MAX/MIN: Press and hold  button for at least 3 seconds until "MAX" icon appears on the LCD to view the current MAX reading; press the button again, "MIN" icon will appear to view the current MIN reading.

To exit the MAX/MIN mode, press and hold the button  for 3 seconds.

°C/°F temperature units

While the meter is switched off, continuously press the  button and then also continuously press the  button. Keep holding both buttons until the LCD displays the current readings and the temperature units will change from °C to °F. Release both buttons before the meter switches off.

Notes

- ① This meter has already been calibrated before delivery. Do not revise the calibration parameters without professional personnel and device. The recommended calibration period is one year.
- ② Repairs or servicing not covered in this manual should only be performed by qualified personnel.
- ③ Wipe the unit with a dry soft cloth. Do not use abrasives or solvents on this instrument.
- ④ Remove the battery when the meter is to be stored for long periods of time to avoid battery leakage.

Accessories

- ① User's manual
- ② 9V battery

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