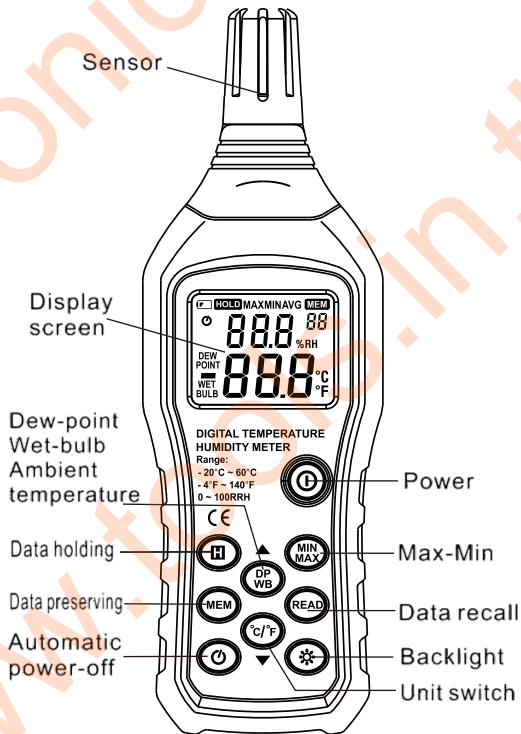www.tools.in.th
ติดต่อบริษัท นี โอนิคส์ จำกัด
Tel: 02-077-7602 หรือ 061-8268939
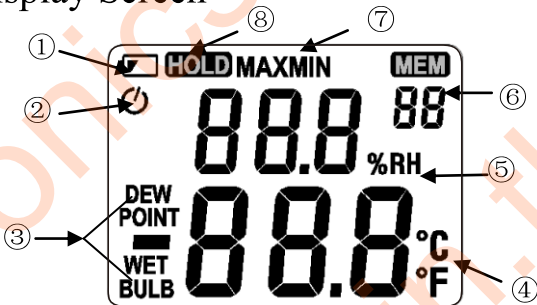E-mail: sale@tools.in.th หรือ sale@neonics.co.th

Sensor

Display screen

DIGITAL TEMPERATURE HUMIDITY METER
Range:
- 20°C ~ 60°C
- 4°F ~ 140°F
0 ~ 100RRH

CE

Dew-point
Wet-bulb
Ambient temperature

Power

Data holding

Max-Min

Data preserving

Data recall

Automatic power-off

Backlight

Unit switch

1

Brief Introduction

This is a battery meter for measuring relative humidity and temperature. It can display three types of temperatures around the sensor's air via several convenient procedures: The ambient temperature, the dew-point temperature and the wet bulb temperature.

Display Screen

NO.	explanation
1	Low battery
2	Automatic power-off mark
3	Display wet bulb temperature or dew-point temperature
4	Temperature measurement unit
5	Relative humidity measurement unit
6	MEM, RAM position number
7	Max-min
8	Hold function actived.The screen freezes the current reading

Operation

<div align="center">**notice**</div>

when moving the meter from one atmosphere with extreme temperature or humidity to another, you need to wait for its stability.

Press ⓪ to start the meter and read the measurements displayed by °C or °F. Press ⓒ/ᵒᶠ to switch.

DEWPOINT&WETBULB

When starting the meter, the ambient temperature appears on the screen. To obtain DP, press a first time ⓓⓦⓑ and press ⓓⓦⓑ for a second time, WB is switched. Press ⓓⓦⓑ a third time, to get the ambient temperature back. A corresponding signal will be shown on the screen indicating DP and WB.

Holding

Hold the button Press ⒣ to freeze the current reading, and stop the meter from displaying the measurements. When the HOLD function is actived, the screen dysplays **HOLD** . To continue reading the mesured value, press ⒣ again.

Max-min

Pressing (MIN MAX), Max-min is set up, and max updates constantly, press (MIN MAX) again, it is min. The two stations can be switched. If turn off, you need to press (MIN MAX) for two seconds; a sound shows that this function has been turned off. Max means that the peak of temperature and humidity, while min is the lowest reading.

Saving and transferring the measurements

This meter is able to save 99 groups reading for transferring. Press MEM to save the reading, and its location displays at the screen's upper right corner. After two seconds, the meter comes back to the normal state; If RAM is filled fully, the meter will cover the stored data from No.1 RAM and keep the reading.

When transferring the saved figure, press READ to enter MEM check-up. At this time, DP WB and °C/°F are used to change the page. To exit it, press READ again. In the state of check-up, press MEM for five seconds and "00"is displayed at the screen's right upper corner, which means RAM is cleared.

Automatic power-off

To prolong the life-span of the battery, this meter offers an automatic power-off function, and it closes without operation in 30 minutes. This function is approved. Just press ⏻ if closing it for longer measurement, and ⏻ disappears. Do it again, the automatic power-off is on.
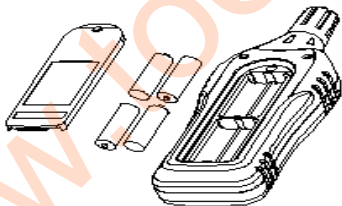
The backlight

Press ❄ to start the backlight, press ❄ again to close the backlight. If starting without automatic power-off, it will close after 15 seconds.

Maintenance

Replace the batteries

The meter is charged with four 1.5(AAA type) batteries. When appears, the batteries should be replaced as soon as possible. Follow the instructions:

1. unscrew the top of the entrance.
2. Get the batteries out.
3. Install four unused AAA batteries in accordance with polarity descripted at the bottom.
4. reload the entrance and fasten the screw.

Specification
Ambient temperature
Range: -20 to 60°C (-4 to 140°F)
Precision: ±1.0°C　（0 to 45°C）
　　　　　±1.5°C（-20 to 0°C，45 to 60°C）
Resolution: 0. 1°C/°F
Update rate: 400ms
sensor's type: High-Precision digital sensor

RH
Range: 0 to 100%RH
Accuracy : ±3.0% RH（20% to 80%）
　　　　　±4.0% RH（0% to 20%，80% to 100%）
Resolution: 0.1%
Update rate: 400ms
Sensor's type: High-precision digital sensor

WB
Range: -20 to 60°C (-4 to 140°F)
Precision : ±1°C　（0 to 45°C）
　　　　　±1.5°C（-20 to 0°C，45 to 60°C）

Resolution: 0.1°C/°F
Update rate: 400ms

DP
Range: -50 to 60°C (-58 to 140°F)
precision : ±1°C　（0 to 45°C）
　　　　　±1.5°C（-50 to 0°C，45 to 60°C）
Resolution: 0.1°C/°F
Update rate: 400ms
RAM: 99 data point
Power: 4 AAA batteries
Weight/size: 190g (batteries included)
　　　　　　184mm×60mm×29mm

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