

*3 in 1, Humidity/Temp., Dew point Temp., Wet bulb Temp.*

# **HUMIDITY/TEMP. METER**

**Model : SP-82RH**

**ISO-9001, CE, IEC1010**



**Lutron**

**LUTRON ELECTRONIC**

***The Art of Measurement***

**3 in 1**

**Humidity/Temp., Dew point Temp., Wet bulbTemp.**

# HUMIDITY/TEMP. METER

**Model : SP-82RH**

## FEATURES

* 3 in 1 professional environment instruments: 1. Humidity/Temp., 2. Dew point, 3. Wet bulb.
* Tiny bone shape with lightweight and small size case design are suitable for handling with one hand.
* Wristlet design provides extra protection to the instrument especially for user one hand operation.
* High precision humidity sensor with fast response time.
* Built- in microprocessor circuit assures excellent performance and accuracy.
* Concise and compact buttons arrangement, easy operation.
* Memorize the maximum and minimum value with recall.
* °C/°F detection by pressing button on the front panel.
* Hold function to freeze the current reading value.

## GENERAL SPECIFICATIONS

Display	8 mm LCD display
Measurement	1. Humidity/Temp. 2. Dew point 3. Wet bulb
Operating Humidity	Max. 80% RH.
Operating Temperature	0 to 50° C (32 to 122° F)
Over Input Display	Indication of "- - - - "
Power Supply	CR 2032 DC 3V battery
Power Consumption	Approx. DC 5 mA

Weight	160g (battery included)
Dimension	HWD 120 x 45 x 20 mm (4.7 x 1.8 x 1.2 inch).
Standard	Instruction Manual
Accessory	

## ELECTRICAL SPECIFICATION ( 23 ± 5°C )

### Humidity/Temp.

Unit	Range	Resolution	Accuracy
% RH	10 to 95 %RH	0.1 %RH	< 70% RH : ± 4 %RH ≥ 70% RH : ± ( 4 %rdg +1.2 %RH)
Temp.	0 to 50 °C	0.1 °C	± 1.2 °C
	32 to 122 °F	0.1 °F	± 2.5 °F

### Dew point Temp.

Unit	Range	Resolution	Remark
°C	-25.3 to 49.0 °C	0.1 °C	* Calculate from the
°F	-13.5 to 120.0 °F	0.1 °F	humidity/Temp. value

Please refer to [http://en.wikipedia.org/wiki/Dew\\_point](http://en.wikipedia.org/wiki/Dew_point)

### Wet bulb Temp.

Unit	Range	Resolution	Remark
°C	-5.4 to 49.0 °C	0.1 °C	* Calculate from the
°F	22.2 to 120 °F	0.1 °F	humidity/Temp. value

Please refer to [http://en.wikipedia.org/wiki/Wet-bulb\\_temperature](http://en.wikipedia.org/wiki/Wet-bulb_temperature)

\* Appearance and specifications listed in this brochure are subject to change without notice.