

*optional probe for sound level meter SL-4112*

# **HUMIDITY/TEMP., LIGHT, ANEMOMETER PROBE**

**Model : EM-900P**

**ISO-9001, CE, IEC1010**



Sound level meter, SL-4112



**Lutron**

**LUTRON ELECTRONIC**

***The Art of Measurement***

# HUMIDITY/TEMP., LIGHT, ANEMOMETER PROBE Model : EM-900P

## Features

* Optional probe for Sound level meter ( SL-4112 ) to make the Humidity, Light and Air velocity, Temp., measurement.
* Fast response time for the humidity measurement.
* Anemometer can select the display unit to m/S, FPM, Km/h, mph, knot.
* Light meter can select the display unit to LUX or Ft-cd.
* Temperature measurement can default the display unit to °C or °F.
* 0.1 degree resolution for temperature measurement.
* Heavy duty & compact housing case.
* Available for the HVAC applications.
* Patent.

## General specification

Power supply	Power from the SL-4112
Weight	124 g/0.27 LB.
Dimension	105 x 46 x 29 mm.
Accessories Included	Instruction manual.....1 PC

## Electrical Specifications ( 23 ± 5 °C )

### Anemometer

#### A. Air velocity

Measurement	Range	Resolution	Accuracy
m/S	0.4 - 25.0 m/s	0.1 m/s	± (2% + 0.2 m/s)
km/h	1.4 - 90.0 km/h	0.1 km/h	± (2% + 0.8 km/h)
mph	0.9 - 55.9 mile/h	0.1 mile/h	± (2% + 0.4 mile/h)
knot	0.8 - 48.6 knots	0.1 knots	± (2% + 0.4 knots)
FPM	80 - 4930 ft/min	1 ft/min	± (2%+40 ft/min.)

*Note :* m/S - meters per second  
 FPM - feet/per minute      km/h - kilometers per hour  
 mph - miles per hour      knot - nautical miles per hour (international knot)

#### B. Temperature

Measuring Range	0 °C to 50 °C/32 °F to 122 °F
Resolution	0.1 °C/0.1 °F
Accuracy	± 0.8 °C/1.5 °F

### Humidity/Temp. meter

#### A. Humidity

Measuring Range	0 % to 95 % R.H.	
Resolution	0.1 % R.H.	
Accuracy	≥ 70%RH	± (3% reading + 1% RH).
	< 70%RH	± 3% RH.

#### B. Temperature

Measuring Range	0 °C to 50 °C/32 °F to 122 °F
Resolution	0.1 °C/0.1 °F
Accuracy	± 0.8 °C/1.5 °F

### Light meter

Measuring Range	LUX	0 to 20,000 LUX.
	Ft-cd	0 to 1,860 Ft-cd
Resolution	LUX	1 LUX
	Ft-cd	0.1 Ft-cd
Accuracy	± ( 5% rdg + 8 dgt )	

*Note :* Ft-cd : Feet candle

\* Appearance and specifications listed in this brochure are subject to change without notice 0908-EM900P