

*2 in 1, Air velocity, Air Flow*

# ANEMOMETER

Model : SP-82AM

*ISO-9001, CE, IEC1010*



**Lutron**

**LUTRON ELECTRONIC**

*The Art of Measurement*

# *2 in 1, Air velocity, Air flow*

# **ANEMOMETER**

**Model : SP-82AM**

<b>FEATURES</b>
* 2 in 1 professional environment instruments: 1. Air velocity, 2. Air flow ( CMM, CFM ).
* 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.
* Low-friction ball bearing mounted wheel design provides high accuracy at high and low air velocity.
* Built- in microprocessor circuit assures excellent performance and accuracy.
* Concise and compact buttons arrangement, easy operation.
* Memorize the maximum and minimum value with recall.
* Hold function to freeze the current reading value.

<b>GENERAL SPECIFICATIONS</b>	
Display	8 mm LCD display
Measurement	1. Air velocity. 2. Air flow ( CMM, CFM ).
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 Accessory	Instruction Manual

<b>ELECTRICAL SPECIFICATION ( 23 ± 5°C )</b>			
<b><i>Air velocity</i></b>			
<i>Unit</i>	<i>Range</i>	<i>Resolution</i>	<i>Accuracy</i>
ft/min	80 to 3937 ft/min	1 ft/min	$\leq 20 \text{ m/s} : \pm 3\% \text{ F.S.}$ $> 20 \text{ m/s} : \pm 4\% \text{ F.S.}$
m/s	0.4 to 20.0 m/s	0.1 m/s	
km/h	1.4 to 72.0 km/h	0.1 km/h	
MPH	0.9 to 44.7 mile/h	0.1 MPH	
knots	0.8 to 38.8 knots	0.1 knots	
<i>Remark :</i>			
<i>ft/min : feet per minute</i>		<i>MPH : miles per hour</i>	
<i>m/s : meters per second</i>		<i>knots : nautical miles per hour</i>	
<i>km/h : kilometers per hour</i>			
<b><i>Ar flow</i></b>			
<i>Unit</i>	<i>Range</i>	<i>Resolution</i>	
CMM	0.024 to 36000	0.001/0.01/0.1/1	
CFM	0.847 to 1271300	0.001/0.01/0.1/1/10 (x10)/100 (x100)	

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