

*3 in 1, Air velocity, Air Flow, Temp.*

# ANEMOMETER

Model : SP-82AT

*ISO-9001, CE, IEC1010*



**Lutron**

**LUTRON ELECTRONIC**

*The Art of Measurement*

**3 in 1**

**Air velocity, Air Temp., Air flow**

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**Model : SP-82AT**

FEATURES	
* 3 in 1 professional environment instruments:	1. Air velocity, 2. Air temperature, 3. 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.	
* Patent patents in Taiwan. Patent pending in USA....	

GENERAL SPECIFICATIONS	
Display	8 mm LCD display.
Measurement	1. Air velocity. 2. Air temperature.. 3. 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..... 1 PC.

ELECTRICAL SPECIFICATION ( 23 ± 5°C )			
<b>Air velocity</b>			
<i>Unit</i>	<i>Range</i>	<i>Resolution</i>	<i>Accuracy</i>
ft/min	80 to 3937 ft/min	1 ft/min	± 3% F.S. @ F.S. : full scale
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>Ar temperature</b>			
<i>Unit</i>	<i>Range</i>	<i>Resolution</i>	<i>Accuracy</i>
Temp.	0 to 50 °C	0.1 °C	± 1.2 °C
	32 to 122 °F	0.1 °F	± 2.5 °F
<b>Air flow</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.