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

# ANEMOMETER

Model: SP-82AT *ISO-9001, CE, IEC1010* 









The Art of Measurement

#### 3 in 1

### Air velocity, Air Temp., Air flow

## **ANEMOMETER**

Model: SP-82AT

#### **FEATURES**

- 3 in 1 professional environment instruments:
- 1. Air velocty, 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 velocty.			
	2. Air temperature			
	3. Air flow ( CMM, CFM ).			
Operating	Max. 80% RH.			
Humidity				
Operating	0 to 50 °C (32 to 122 °F).			
Temperature				
Over Input	Indication of " ".			
Display				
Power Supply	CR 2032 DC 3V battery.			
Power	Approx. DC 5 mA.			
Consumption				
Weight	160g (battery included).			
Dimension	HWD 120 x 45 x 20 mm (4.7 x 1.8 x 1.2 inch).			
Standard	Instruction Manual 1 PC.			
Accessory				

ELECTRICAL SPECIFICATION ( $23 \pm 5\%$ )					
Air velocity					
Unit	Range	Resolution	Accuracy		
ft/min	80 to 3937 ft/min	1 ft/min			
m/s	0.4 to 20.0 m/s	0.1 m/s	± 3% F.S.		
km/h	1.4 to 72.0 km/h	0.1 km/h	@ F.S. : full scale		
MPH	0.9 to 44.7 mile/h	0.1 MPH			
knots	0.8 to 38.8 knots	0.1 knots			

Remark :

ft/min: feet per minute MPH: miles per hour

m/s: meters per second knots: nautical miles per hour

km/h : kilometers per hour

Ar tempera	ture			
Unit	Range	Resolution	Accuracy	
Temp.	0 to 50 ℃	0.1 ℃	± 1.2 ℃	
	32 to 122 °F	0.1 °F	± 2.5 °F	
	•	•	•	

Air flow		
Unit	Range	Resolution
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)

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