

+ Temperature

VANE ANEMOMETER

Model : AM-4222

ISO-9001, CE, IEC1010



LUTRON ELECTRONIC

The Art of Measurement

+ *Temperature*

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FEATURES	
* Anemometer, Temperature meter, two in one, professional.	
* Anemometer unit : m/S, Km/h, FPM, mph, Knot.	
* Temperature measurement with °C, °F unit.	
* Vane anemometer, available for air velocity measurement, high reliability.	
* Two display show air velocity and temperature value at the same time.	
* Bright LCD display.	
* Microprocessor circuit ensures high accuracy and provides special functions and features.	
* Records Maximum and Minimum readings with recall.	
* Auto power off saves battery life.	
* Operates from DC 1.5V (UM4/AAA) x 4 PCs batteries.	
* Low-friction ball vane wheels is accurate in both high and low velocities.	
* Durable, long-lasting components, enclosed in strong, compact ABS-plastic housing.	

GENERAL SPECIFICATIONS		
Display	LCD size : 28 mm x 19 mm.	
Anemometer Unit	m/S (meters per second) Km/h (kilometers per hour) FPM (feet per minute) mph (miles per hour) Knot (nautical miles per hour)	
Temp. unit	°C, °F	
Circuit	Custom one-chip of microprocessor LSI circuit.	
Sensor Structure	Anemometer	Van probe with low friction ball bearing design.
	Temperature	Thermister
Data Hold	Freeze the display reading.	
Memory Recall	Maximum & Minimum value.	
Sampling Time	Approx. 1 second.	
Power off	Auto shut off saves battery life or manual off (REC function)	
Operating Temp.	0 to 50 °C.	
Operating Humidity	Less than 80% R.H.	
Power Supply	DC 1.5 V battery (UM4/AAA) x 4 PCs,	
Power Current	Approx. DC 4 mA	
Weight	182 g/ 0.4 LB.	
Dimension	205 x 48 x 40 mm (8.1" x 1.9" x 1.6")	
Accessories Included	Instruction manual.....1 PC	
Optional Accessory	Soft carrying case with sash (210 x 80 x 50 mm), Model : CA-52A	

ELECTRICAL SPECIFICATIONS (23± 5 °C)			
Anemometer (Air velocity)			
Measurement	Range	Resolution	Accuracy
m/S	0.4 to 30.0 m/s	0.1 m/S	≤ 20 m/s : ± 3% F.S. > 20 m/s : ± 4% F.S.
Km/h	1.4 to 108.0 km/h	0.1 Km/h	
FPM	80 to 5910 ft/min	1 Ft/min	
mph	0.9 to 67.0 mile/h	0.1 Mile/h	
Knot	0.8 to 58.3 knots	0.1 Knots	
Note : m/S (meters per second) mph (miles per hour) Km/h (kilometers per hour) Knot (nautical miles per hour) FPM (feet per minute)			
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		

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

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