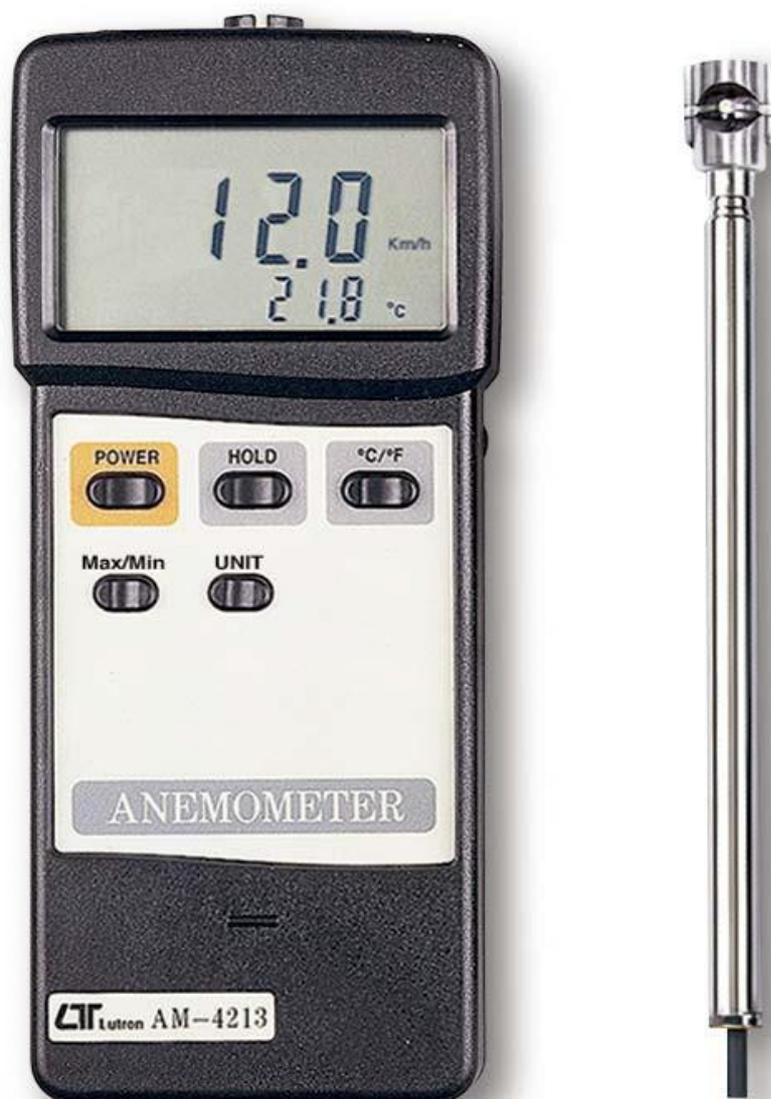


MINI VAN ANEMOMETER

Model : AM-4213

ISO-9001, CE, IEC1010

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Lutron

The Art of Measurement

www.YaLAB.com.tw

Mini Vane ANEMOMETER

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FEATURES

<ul style="list-style-type: none"> * 13 mm dia heavy duty mini vane with telescope probe available for high temp. air velocity measurement. * Microprocessor circuit provides special functions and offer high accuracy. and features. * Low-friction ball vane wheels is accurate in both high & low velocities. * Multi-functions for air flow measurement : m/s, km/h, ft/min, knots. mile/h. * Build in temperature °C, °F measurement. * Thermistor sensor for temp. measurement, fast response time. * Large LCD display. * Dual function meter's display. * Heavy duty & compact housing case. * Record maximum and minimum reading with recall. * Data hold. * Auto shut off saves battery life. * Operates from 006P DC 9V battery. * RS 232 PC serial interface. * Separate probe, easy for operation of the different measurement environment. * Used the durable, long-lasting components, including a strong, light weight ABS-plastic housing case. * Wide applications: use this anemometer to check air conditioning & heating systems, measure air velocities, wind speeds, temperature...etc.
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Power off	Auto shut off saves battery life or manual off by push button.
Sampling Time	Approx. 0.8 sec.
Operating Humidity	Less than 80% RH.
Operating Temperature	Meter : 0 °C to 50 °C (32 °F to 122 °F). Probe : 0 °C to 80 °C (32 °F to 176 °F).
Data Output	RS 232 PC serial interface.
Power Supply	Alkaline or heavy duty type DC 9V battery, 006P, MN1604 (PP3) or equivalent.
Power Consumption	Approx. DC 8.3 mA.
Weight	270 g/0.6 LB, main instrument
Dimension	Main instrument: 180 x 72 x 32 mm (7.1 x 2.8 x 1.3 inch). Probe : Vane - 13 mm dia. Telescope probe length - Max. 600 mm.
Accessories Included	Instruction manual..... Sensor probe..... Carrying case.....
Optional Accessories	RS232 cable..... UPGB-01 Software..... SW-U801-WIN

GENERAL SPECIFICATIONS

Circuit	Exclusive one-chip of microcomputer LSI circuit.
Display	* 13 mm (0.5") Super large LCD display. * Dual display.
Measurement	m/s (meters per second), km/h (kilometers per hour), ft/min (feet/per minute), knots (nautical miles per hour), mile/h (miles per hour), Temp.- °C, °F., Data hold.
Sensor Structure	Air velocity : Conventional twisted van arm and low friction ball bearing design. Temperature : Thermistor.
Memory Recall	Record maximum & minimum reading value with recall.

ELECTRICAL SPECIFICATIONS (23 ± 5 °C)

A. Air velocity

Measure-ment	Range	Resolution	
m/s	0.8 - 12.00 m/s	0.01 m/s	± (2% + 0.2 m/sec)
km/h	2.8 - 43.2 km/h	0.1 km/h	± (2% + 0.2 km/h)
mile/h	1.8 - 26.8 mile/h	0.1 mile/h	± (2% + 0.2 mile/h)
knots	0.8 - 23.3 knots	0.1 knots	± (2% + 0.2 knots)
ft/min	160 - 2358 ft/min	1 ft/min	± (2% + 20 ft/min)
m/s - meters per second km/h - kilometers per hour ft/min - feet/per minute knots - nautical miles per hour mile/h - miles per hour (international knot)			

B. Temperature

Measuring Range	0 °C to 80 °C/32 °F to 176 °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.

0510-AM4213