

DIGITAL ANEMOMETER

Model : AM-4201

ISO-9001, CE, IEC1010

www.yalab.com.tw

02-2389-0101

FEATURES



- * The portable anemometer provides fast accurate readings with digital readability and the convenience of a remote sensor separately.
- * Multi-functions for air flow measurement: m/s, km/h, ft/min, knots.
- * Low-friction ball-bearing design resulting in accuracy at both high and low velocities.
- * Conventional twisted vane arms, always a source of unreliability have been eliminated.
- * DATA HOLD.
- * Compact housing cabinate.
- * Wide applications: use this anemometer to check air conditioning & heating systems, measure air velocities, wind speeds, temperature...etc.



Lutron

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The Art of Measurement

DIGITAL ANEMOMETER

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FEATURES

* The portable anemometer provides fast, accurate readings, with digital readability and the convenience of a remote sensor separately	* DATA HOLD function for stored the desired value on display. Large LCD display, easy to read.
* Multi-functions for air flow measurement: m/s, km/h, ft/min, knots.	* LCD display for low power consumption & clear read-out even in bright ambient light condition.
* Low-friction ball-bearing design allows free vane movement, resulting in accuracy at both high & low velocities.	* Used the durable, long-lasting components, including a strong, light weight ABS-plastic housing case.
* A sensitive balanced vane wheel rotates freely in response to air flow.	* Wide applications: use this anemometer to check air conditioning & heating systems, measure air velocities, wind speeds, temperature...etc.
* Conventional twisted vane arms, always a source of unreliability have been eliminated.	
* Compact housing cabinet, easy to carry out.	
* Built-in low battery indicator.	

GENERAL SPECIFICATIONS

Display	LCD (Liquid Crystal Display) size 65 x 25 mm, 3 1/2 digits.	Temp. Sensor * AM4202 only	Naked-bead type k thermocouple probe.
Measurement	m/s (meters per second), km/h (kilometers per hour), ft/min (feet/per minute), knots (nautical miles per hour), Temp.- °C, °F (AM-4202 only). Data hold.	Power Supply	DC 9V 006P, MN1604(PP3) battery (Heavy Duty Type) or equivalent.
		Power Consumption	Approx. DC 9 mA.
		Weight	325 g/0.72 LB (including battery)
Operating Temp.	0 °C to 50 °C (32 °F to 122 °F).	Dimension	Instrument : 168 x 80 x 35mm (6.6 x 3.2 x 1.2 inch) Sensor Head : Round, 72 mm Dia.
Operating Humidity	Less than 80 % RH.		
Air Velocity Sensor Structure	Conventional twisted vane arms and low-friction ball-bearing design.	Standard Accessories	Instruction Manual.....1 PC. Sensor probe.....1 PC. Carrying case.....1 PC.

ELECTRICAL SPECIFICATION (23 ± 5 °C)

A. Air velocity

Measurement	Range	Resolution	Accuracy
m/s	0.4-30.0 m/s	0.1 m/s	± (2%+0.2 m/s)
km/h	1.4-108.0 km/h	0.1 km/h	± (2%+0.8 km/h)
ft/min.	80-5910 ft/min.	10 ft/min.	± (2%+40 ft/min)
knots	0.8-58.3 knots	0.1 knots	± (2%+0.4 knots)

Note: m/s - meters per second km/h - kilometers per hour
ft/min - feet/per minute knots - nautical miles per hour