

Digital Anemometer W/Temp.

Part No. 01AM4202

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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.
- Build in temperature °C, °F measurement. Thermo-couple sensor for fast temp. response time.
- Low-friction ball-bearing design allows free vane movement, resulting in accuracy at both high & low velocities.
- A sensitive balanced vane wheel rotates freely in response to air flow.
- Conventional twisted vane arms, always a source of unreliability have been eliminated.
- DATA HOLD function for stored the desired value on display. Large LCD display, easy to read.
- LCD display for low power consumption & clear read-out even in bright ambient light condition.
- Used the durable, long-lasting components, including a strong, light weight .ABS-plastic housing case.
- Compact housing. cabinate, easy to carry out.
- Built-in low battery indicator.
- Wide applications: use this anemometer to check air conditioning & heating systems, measure air velocities, wind speeds, temperature... etc.

GENERAL SPECIFICATIONS

Display:	18mm (0.7") LCD (Liquid Crystal Display), 3 1/2 digits.	Temp. Sensor	Naked-bead type k only thermocouple probe.
Measurement:	m/s (meters per second), km/h (kilometers per hour), ft/min (feet per minute), knots (nautical miles per hour),	Power Supply	DC 9V 006P, MN1604 (PP3) battery (Heavy Duty Type) or equivalent.
Temp.:	°C, °F (AM-4202 only). Data hold.	Power Consumption	Approx. DC 9 mA.
Operating Temp.:	0 °C to 50 °C (32 °F to 122 °F).	Weight	325 g/0.72 LB (including battery).
Operating Humidity:	Less than 80% RH.	Dimension	<i>Instrument:</i> 168 x 80 x 35mm (6.6 x 3.2 x 1.2 inch)
Air Velocity	Conventional twisted vane arms and low-friction ball-bearing design.	Standard Accessories	<i>Sensor Head:</i> Round, 72 mm Dia. Instruction Manual 1 PC. Sensor probe 1 PC. Carrying case 1 PC.

ELECTRICAL SPECIFICATIONS (23 ±5°C)

A. Air velocity

Measurement	Range	Resolution	Accuracy
m/s	0.4-30.0 m/s	0.1 m/s	±(2%+1d)
km/h	1.4-108.0 km/h	0.1 km/h	±(2%+3d)
ft/min.	80-5910 ft/min.	10ft/min.	±(2%+2d)
knots	0.8-58.3 knots	0.1 knots	±(2%+2d)

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

B. Temperature

Measurement	Range	Resolution	Accuracy
°C	0 °C to 60 °C	0.1 °C	0.8 °C
°F	32 °F to 140 °F	0.1 °F	1.5 °F