

# DIGITAL ANEMOMETER

Model : AM-4201

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 cabinate, easy to carry out.	
* Built-in low battery indicator.	

GENERAL SPECIFICATIONS			
Display	18mm (0.7") LCD (Liquid Crystal Display), 3 1/2 digits.	Temp. Sensor	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.	* AM4202 only	
		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	<i>Instrument :</i> 168 x 80 x 35mm (6.6 x 3.2 x 1.2 inch) <i>Sensor Head :</i> 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 SPECIFICATIONS (23 ± 5 °C)			
<b>A. Air velocity</b>			
<i>Measurement</i>	<i>Range</i>	<i>Resolution</i>	<i>Accuracy</i>
m/s	0.4-30.0 m/s	0.1 m/s	±(2 % + 1 d)
km/h	1.4-108.0 km/h	0.1 km/h	±(2 % + 3 d)
ft/min.	80-5910 ft/min.	10 ft/min.	±(2 % + 2 d)
knots	0.8-58.3 knots	0.1 knots	±(2 % + 2 d)
<i>Note: m/s - meters per second km/h - kilometers per hour ft/min - feet/per minute knots - nautical miles per hour</i>			