



# ANEMOMETER, Model : AM-4203



- \*Microprocessor circuit assures maximum possible accuracy, provides special functions and features.
- \* Super large LCD display with contrast adjustment for best viewing angle.
- \* Dual function meter's display.
- \* Heavy duty & compact housing case.
- \* Records Maximum, Minimum and Average readings with RECALL.
- \* Data hold.
- \* Auto shut off saves battery life.
- \* Operates from 006P DC 9V battery.
- \* RS 232 PC serial interface.
- \* Low-friction ball vane wheels is accurate in both high & low velocities.
- \*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/mm, knots. mile/h.
- \* Build in temperature °C, °F measurement.
- \* Thermistor sensor for Temp. measurement, fast response time.
- \* 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.

## GENERAL SPECIFICATIONS

Circuit	Custom one-chip of micro-processor LSI circuit.	Power off	Auto shut off saves or manual off by push button .
Display	*13mm(0.5") Super large LCD display with contrast adjustment for best viewing angle. *Dual function meter's display.	Sampling Time	Approx. 0.8 sec.
		Data Output	RS 232 PC serial interface.
		Operating Temperature	0 °C to 50 °C(32 °F to 122 °F).
Measurement	m/s (meters per second), km/h (kilometers per hour), ft/mm (feet/per minute), knots (nautical miles per hour), mile/h(miles per hour), Temp.- °C, °F., Data hold.	Operating Humidity	Less than 80% RH.
		Power Supply	006P DC 9V battery (heavy duty type).
		Power Current	Approx. DC 8.3 mA.
		Weight	381 g/0.84 LB.
		Dimension	Main instrument: 180x72x32mm (7.1 x 2.8 x1.3 inch).
Sensor Structure	<i>Air velocity</i> Conventional twisted van arm and low friction ball bearing design	Accessories Included	Sensor head: Round, 72 mm Dia.
	<i>Temperature:</i> Thermistor.		Instruction manual. .1 PC. Sensor probe. ....1 PC. Carrying case. ....1 PC.
Memory Recall	Records Maximum, Minimum and Average readings with RECALL		

## ELECTRICAL SPECIFICATIONS(23 ± 5° C)

Measurement	Range	Resolution	Accuracy
m/s	0.4-25.0 m/s	1 m/s	± ( 2% + 2d )
Km/h	1.4-90.0 km/h	0.1 km/h	
mile/h	0.9-55.9 mile/h	0.1 mile/h	
knots	0.8-48.8 knots	0.1 knots	
ft/mm	80-4930 ft/mm	1 ft/mm	±(2% + 20 ft/mm)
Temperature (°C)	0 °C to 50 °C	0.1 °C	0.8 °C
Temperature (°F)	32 °F to 122 °F	0.1 °F	1.5 °F

Note: m/s - meters per second km/h - kilometers per hour ft/mm - feet/per minute  
mile/h - miles per hour knots - nautical miles per hour (international knot)

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