

MINI VANE ANEMOMETER

Model : **AM-4213**

FEATURES

- 13 mm dia heavy duty mini vane with telescope probe available for high temp. air velocity measurement.
- 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.
- Thermistor sensor for temp. measurement, fast response time.
- Large LCD display.
- Heavy duty & compact housing case.
- Record maximum and minimum reading with recall.
- Data hold.
- Auto shut off
- RS 232 PC Serial interface.
- Wide applications: use this anemometer to check air conditioning & heating systems, measure air velocities, wind speeds, temperature....etc.,



SPECIFICATIONS

Display	13mm (0.5") Super large LCD display	Operating Temperature	0 °C to 50 °C
Measurement units	m/s km/h ft/min Knots mile/h Temp. - °C, °F.	Humidity	Less than 80% RH
Sensor Structure	Air velocity : Conventional twisted vane arm and low friction ball bearing deign. Temperature : Thermistor	Power Supply	DC 9V battery
Memory	Maximum and Minimum reading value with recall	Weight	270 g
Sampling Time	Approx. 0.8 sec.	Dimension	Main instrument : 180 × 72 × 32 mm
Data Output	RS 232 PC serial interface.	Accessories Included	Instruction manual.....1 PC Sensor Probe.....1 PC Hard carrying case.....1 PC
		Optional Accessories	RS232 cable.....UPCB-01 Software.....W-UB01-WIN

MEASURING RANGE

a. Air Velocity

Measurement	Range	Resolution	Accuracy
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	40 – 3940 ft/min	1 ft/min	±(2% + 20 ft/min)

b. Temperature

°C & °F`	0°C to 80 °C	± 0.1 °C	± 0.8 °C
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