

Air flow + Air Velocity , CMM, CFM, metal Vane

ANEMOMETER

Model : AM-4206M

ISO-9001, CE, IEC1010

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Tehran, Tehransar



+982165565901

+982144584619

+989034119385



LUTRON ELECTRONIC

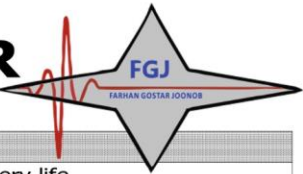
The Art of Measurement

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Metal vane, air flow + air velocity

ANEMOMETER METER

Model : AM-4206M Tehran, Tehransar



FEATURES	
* Metal vane probe, heavy duty, wide range measurement.	* Auto shut off saves battery life.
* Air flow : CMM (m ³ /min.) and CFM (ft ³ /min.)	* Thermistor sensor for temp. measurement, fast response time.
* Air velocity : m/s, ft/min, km/h, knots, mile/h.	* Build-in low battery indicator.
* Air temperature : C degree, F degree.	* Operates from 006P DC 9V battery.
* 3 air flow mode : Instant, 2/3 Vmax, Average.	* RS 232 computer serial interface.
* Low-friction ball vane wheels is accurate in both high & low velocities.	* Separate probe, easy for operation of the different measurement environment.
* Large LCD with dual display.	* Used the durable, long-lasting components, including a strong, light weight ABS-plastic housing case.
* Record maximum and minimum reading with recall.	* Wide applications: use this anemometer to check air conditioning & heating systems, measure air velocities, wind speeds, temperature...etc.
* Data hold.	
* Microcomputer circuit provides special function & offer high accuracy.	

GENERAL SPECIFICATIONS			
Circuit	Exclusive one-chip of micro-computer LSI circuit.	Power off	Auto shut off saves battery life or manual off by push button.
Display	* 13 mm (0.5") Super large LCD display. * Dual function meter's display.	Sampling Time	Approx. 0.8 sec.
Measurement	<i>Air velocity :</i> m/s (meters per second), km/h (kilometers per hour), ft/min (feet/minute), knots (nautical miles per hour), mile/h (miles per hour), <i>Air flow :</i> CMM (m ³ /min.), CFM (ft ³ /min.) <i>Air temperature :</i> °C, °F. <i>Data hold.</i>	Operating Humidity	Less than 80% RH.
		Operating Temperature	<i>Meter</i> 0°C to 50°C (32°F to 122°F). <i>Probe</i> 0 °C to 80 °C / 32 °F to 176 °F.
		Data Output	RS 232 PC serial interface.
		Power Supply	Alkaline or heavy duty type DC 9V battery, 006P, MN1604 (PP3) or equivalent.
		Power Current	Approx. DC 8.3 mA.
Memory Recall	Record maximum & minimum reading value with recall.	Weight	381 g/0.84 LB.
		Dimension	Main instrument: 180 x 72 x 32 mm (7.1 x 2.8 x 1.3 inch). Sensor head : Round, 72 mm Dia.
Sensor Structure	<i>Air velocity & Air flow :</i> Metal structure, Conventional twisted van arm and low friction ball bearing design. <i>Temperature :</i> Thermistor.	Accessories Included	Instruction manual..... 1 PC. Sensor probe..... 1 PC. Carrying case..... 1 PC.
		Optional Accessories	Software (Windows version, data record & data acquisition) SW-U801-WIN RS232 cable..... UPGB-01 USB cable..... USB-01

ELECTRICAL SPECIFICATIONS (23 ± 5 °C)			
a. Air velocity			
<i>Measurement</i>	<i>Range</i>	<i>Resolution</i>	<i>Accuracy</i>
m/s	0.4 - 35.0 m/s	0.01 m/s	± (2 % + 0.2 m/s)
km/h	1.4 - 126.0 km/h	0.1 km/h	± (2 % + 0.8 km/h)
mile/h	0.9 - 78.3 mph	0.1 mile/h	± (2 % + 0.4 mile/h)
knots	0.8 - 68.0 knots	0.1 knots	± (2 % + 0.4 knots)
ft/min	79 - 6890 ft/min	1 ft/min	± (2 % + 40 ft/min)
b. Air flow			
<i>Measurement</i>	<i>Range</i>	<i>Resolution</i>	<i>Area</i>
CMM (m ³ /min.)	0 - 999,900 m ³ /min.	0.001 - 100 m ³ /min.	0.001 - 9,999 m ² /min.
CFM (ft ³ /min.)	0 - 999,900 ft ³ /min.	0.001 - 100 ft ³ /min.	0.001 - 9,999 ft ² /min.
c. Air temperature (probe only)			
Temperature(°C)	0 °C to 80 °C	0.1 °C	0.8 °C (< 60 °C)
Temperature(°F)	32 °F to 176 °F.	0.1 °F	0.8 °C / 1.5 °F (< 140 °F)

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

1608-AM4206M

+982165565901

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