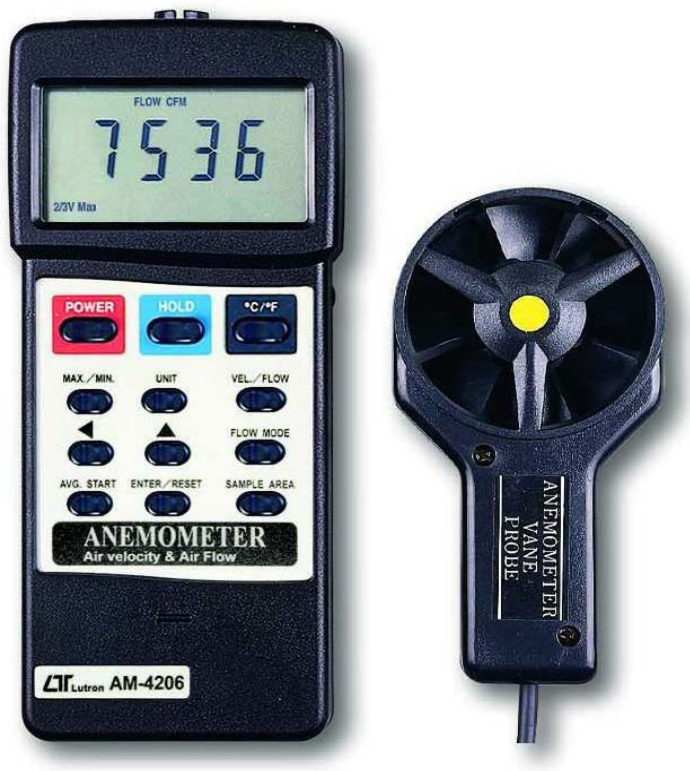
Air flow + Air Velocity , CMM, CFM

ANEMOMETER

Model : AM-4206

ISO-9001, CE, IEC1010



FEATURES

* Air flow : CMM (m^3/min.) and CFM (ft^3/min.)
* Air velocity : m/s, ft/min, km/h, knots.
* Air temperature : ℃, ℉.
* 3 air flow mode : Instant, 2/3 Vmax, Average.
* Low-friction ball vane wheels is accurate in both high & low velocities.
* Large LCD with dual display.
* Record max. and min. reading value.
* Data hold.
* Microcomputer circuit.
* Thermistor sensor for temp. measurement, fast response time.
* RS 232 PC serial interface.
* Separate probe, easy for operation of the different measurement environment.

QUALITY ASSURED FIRM ISO 9001 SGS

UKAS QUALITY MANAGEMENT 005

Lutron

LUTRON ELECTRONIC

The Art of Measurement

ANEMOMETER METER, air flow + air velocity
Model : AM-4206

FEATURES	
* 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.	* 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 PC 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.	
* Data hold.	* Wide applications: use this anemometer to check air conditioning & heating systems, measure air velocities, wind speeds, temperature...etc.
* Microcomputer circuit provides special function & offer high accuracy.	
* Auto shut off saves battery life.	

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.
		Operating Humidity	Less than 80% RH.
Measurement	*Air velocity :* m/s (meters per second), km/h (kilometers per hour), ft/min (feet/per minute), knots (nautical miles per hour), mile/h (miles per hour),	Operating Temperature	0℃ to 50℃(32℉to 122℉).
		Data Output	RS 232 PC serial interface.
		Power Supply	Alkaline or heavy duty type DC 9V battery, 006P, MN1604 (PP3) or equivalent.
	Air flow : CMM (m^3/min.), CFM (ft^3/min.)	Power Current	Approx. DC 8.3 mA.
		Weight	381 g/0.84 LB.
	Air temperature : ℃, ℉.	Dimension	Main instrument: 180 x 72 x 32 mm (7.1 x 2.8 x1.3 inch).
	Data hold.		Sensor head : Round, 72 mm Dia.
Memory Recall	Record maximum & minimum reading value with recall.	Accessories Included	Instruction manual..... 1 PC. Sensor probe..... 1 PC. Carrying case..... 1 PC.
Sensor Structure	*Air velocity & Air flow :* Conventional twisted van arm and low friction ball bearing design.	Optional Accessories	Software (Windows version, data record & data acquisition) SW-U101-WIN
	Temperature : Thermistor.		RS232 cable....UPCB-01

ELECTRICAL SPECIFICATIONS (23 ± 5 ℃)			
a. Air velocity			
Measurement	*Range*	*Resolution*	*Accuracy*
m/s	0.4 - 25.0 m/s	0.1 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/min	80 - 4930 ft/min	1 ft/min	± (2% + 20 ft/min)
b. Air flow			
Measurement	*Range*	*Resolution*	*Area*
CMM (m^3/min.)	0 - 999,900 m^3/min.	0.001 - 100 m^3/min.	0.001 - 9,999 m^3/min.
CFM (ft^3/min.)	0 - 999,900 ft^3/min.	0.001 - 100 ft^3/min.	0.001 - 9,999 ft^3/min.
c. Air temperature			
Temperature(℃)	0 to 50 ℃	0.1 ℃	0.8 ℃
Temperature(℉)	32 to 122 ℉	0.1 ℉	1.5 ℉

* Appearance and specifications listed in this brochure are subject to change without notice. 0403-AM4206