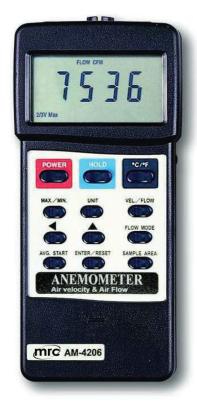
## ANEMOMETER

Model: AM-4206

ISO-9001, CE, IEC1010







## **FEATURES**

- \* Air flow: CMM (m<sup>3</sup>/min.) and CFM (ft<sup>3</sup>/min.)
- \* Air velocity: m/s, ft/min, km/h, knots.
- \* Air temperature : °C, °F.
- \* 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.



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

FEATURES				
* Air flow: CMM ( m^3/min. ) and	* Thermistor sensor for temp. measurement,			
CFM (ft^3/min.)	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	* Separate probe, easy for operation of the			
both high & low velocities.	different measurement environment.			
* Large LCD with dual display.	* Used the durable, long-lasting components,			
* Record maximum and minimum reading	including a strong, light weight ABS-plastic			
with recall.	housing case.			
* Data hold.	* Wide applications: use this anemometer to			
* Microcomputer circuit provides special	check air conditioning & heating systems,			
function & offer high accuracy.	measure air velocities, wind speeds,			
* Auto shut off saves battery life.	temperatureetc.			

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	Sampling Time Approx. 0.8 sec.				
	display.  * Dual function meter's display.	Operating Humidity	Less than 80% RH.			
Measurement	Air velocity: m/s (meters per second),	Operating Temperature	0°C to 50°C ( 32°F to 122°F).			
	km/h (kilometers per hour),	Data Output	RS 232 PC serial interface.			
	ft/min (feet/per minute), knots (nautical miles per hour), mile/h (miles per hour),	Power Supply	Alkaline or heavy duty type DC 9V battery, 006P, MN1604 (PP3) or equivalent.			
	Air flow:	Power Current	r Current Approx. DC 8.3 mA.			
	CMM ( m^3/min. ),	Weight	381 g/0.84 LB.			
	CFM (`ft^3/min.)	Dimension	Main instrument:			
	Air temperature : $^{\circ}$ C, $^{\circ}$ F.		180 x 72 x 32 mm ( 7.1 x 2.8 x1.3 inch ).			
	Data hold.		Sensor head :			
Memory Recall	Record maximum & minimum		Round, 72 mm Dia.			
	reading value with recall.	Accessories Included	Instruction manual			
Sensor	Air velocity & Air flow :		Carrying case 1 PC.			
Structure	Conventional twisted van	Optional	Software ( Windows version,			
	arm and low friction ball bearing design.	Accessories	data record & data acquisition )SW-U101-WIN			
	Temperature: Thermistor.		RS232 cableUPCB-01			

ELECTRICAL SPECIFICATIONS (23 $\pm$ 5 $^{\circ}$ C)							
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(°C)	0 to 50 ℃	0.1 ℃	0.8 ℃				
Temperature(°F)	32 to 122 °F	<b>0.1</b> °F	1.5 °F				

 $<sup>\</sup>ensuremath{^{*}}$  Appearance and specifications listed in this brochure are subject to change without notice.