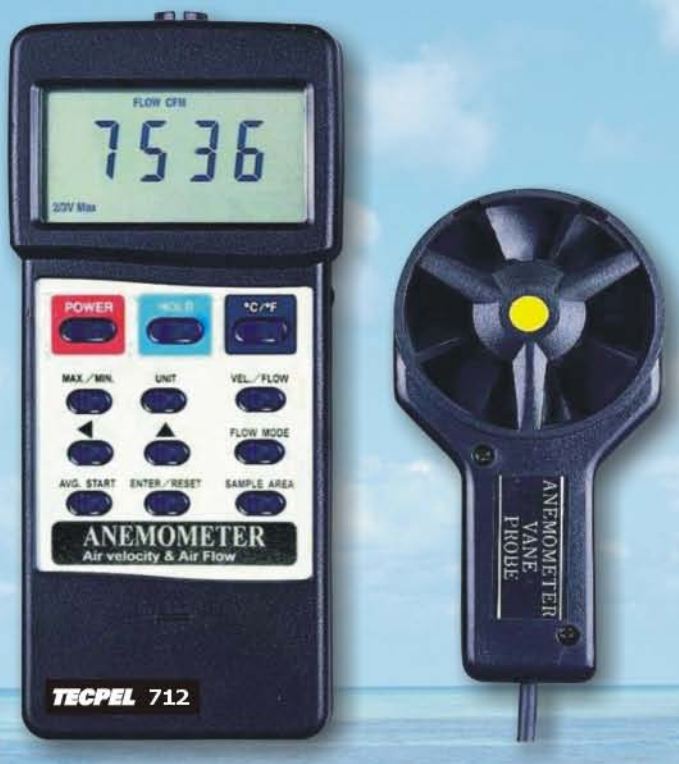
TECPEL

Air flow + Air Velocity , CMM, CFM

ANEMOMETER



Model : AVM-712

CE

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.

ANEMOMETER METER, air flow + air velocity
Model : AVM 712

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.

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