

Metrix+™

Innovative Excellence

Digital Thermo-Anemometer

AVM 05

Widely used in data collection for boiler, refrigeration industry, ventilation duct, environment monitor, navigation measurement, weather forecast, collection of the weather datum for outdoor busywork and fire department.

- * Wide applications: use to check air conditioning & heating systems, measure air velocity, wind speed, temperature, etc.
- * Multifunctional. the measurement unit can be selected according to different requirements.
- * Maximum value data hold function.
- * DATA HOLD function for storing 24 groups of data.
- * Low-friction ball-bearing design allows free vane movement.
- * Separate type design, convenient to measure.
- * Automatic Power off, 0-9 minutes set by users.
- Use "USB data output" and "RS-232 data output" to connect with PC.



General Specifications:

Model	Metrix+ AVM 05
Display	0.5" (13 mm) 4-digit LCD
Measurement Units	Air Velocity: m/s, km/h, ft/min, knots
	Air Flow: CMM (m ³ /min), CFM (ft ³ /min)
	Beaufort Scale: Force
	Wave Height: m
	Temperature: °C, °F
Data Hold	Maximum Value
Data Memorized	24 Groups
Sampling Rate	Reading Per Second Approx
Sensors	Air Velocity / Flow Sensor: Conventional Angled Vane Arms with Low-friction Ball Bearing
	Temperature Sensor: Precision Thermistor
Automatic Power Off	0 ~ 9 Minutes Set by Users
Operating Conditions	Temperature: 0 ~ 50 °C (32 ~ 122 °F) Humidity: < 80 %RH
Power Supply	4 x 1.5v AAA size (UM-4) battery
Dimensions	Main Unit: 156 x 67 x 28 mm (6.1 x 2.6 x 1.1 inch)
	Sensor Head: 72 mm Diameter
Weight	260 g / 0.57 lb (not including Batteries)

Test Range Specification:

Range	Resolution	Accuracy		
Air Velocity	m/s (meters/sec)	0.4 ~ 45.0	0.1 m/s	± (2% n + 0.1 m/s)
	km/h (kilo-meters/hour)	1.4 ~ 162.0	0.1 km/h	± (2% n + 0.1 km/h)
	ft/min (feet/minute)	80 ~ 8860	0.1 ft/min	± (2% n + 1 ft/min)
	knots (nautical MPH)	0.8 ~ 88.0	0.1 knots	± (2% n + 0.1 nots)
Air Flow	CMM (cubic meters/min)	0 ~ 9999	0.001 ~ 1	± (2% n + 1 m ³ /min)
	CFM (cubic ft/min)	0 ~ 9999	0.001 ~ 1	± (2% n + 1 ft ³ /min)
Beaufort Scale		0 ~ 12	0.1	± 0.5
Wave Height (Meter)		0 ~ 14	0.1	± 0.1
Air Temperature		32 ~ 140 °F	0.1 °F	0.9 °F
		0 ~ 60 °C	0.1 °C	0.5 °C