

DIGITAL ANEMOMETER METER AM4836

APPLICATION: MEXTECH's AM4836 is 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.

FEATURES:

- Display: 13mm 4 Digits LCD Display.
- Data Hold: Maximum Value.
- PC Interface: RS232C Software & Cable.
- Low Battery Indicator.
- Sampling Rate: 1 Second.
- Automatic Power off 0-9 minutes set by users
- Operating Temperature: 32°F to 122°F (0°C to 50°C)
- Operating Humidity: Max. 80% RH
- Power Supply : 4x1.5AAA size
- Weight: 260g (0.57lb) including batteries & probe
- Dimensions: Main instrument: 156x67x28mm (6.1x2.6x1.1")
- Velocity sensor: 65x65x115mm
- Direction sensor: 86x69x115mm
- Optional Accessories Cable Software for RS232C



SPECIFICATION:

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 Direction: °from the North direction Temp: °C & °F
Data hold	Maximum Value
Data memorized	24 groups
Sampling rate	Reading per second approximately
Sensors	Air velocity/flow sensor: 3-cup probe
Direction probe	Low friction probe Temperature sensor: Precision thermostat
Data Output	RS 232 C serial interface

Range Specifications

Air Velocity	Range	Resolution	Accuracy
m/s (meters per sec)	0.4-45.0	0.1m/s	± (2%+0.1m/s)
km/h (kilo-meters/hour)	1.4-162.0	0.1 km/hr	±(2% +0.1km/hr)
ft/min (feet per minute)	80-8860	0.1 ft/min	±(2% + 1ft/min)
knots (nautical MPH)	0.8-88.0	0.1 knots	±(2% +0.1 knots)

Air Flow	Range	Resolution	Accuracy
CMM (cubic meters/min)	0-9999	0.001 to 1	± (2% +1m ³ /min)
CFM (cubic ft/min)	0-9999	0.001 to 1	± (2% +1ft ³ /min)
Beaufort Scale	0-12	0.1	±0.5
Direction	0-360°	22.5°	±22.5°
Wave Height	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