

DIGITAL ANEMOMETER METER AM4836

APPLICATION: 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 (m³/min); CFM (ft³/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 approx.
 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	0.1 m/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			
CMM (cubic meters/min)	0-9999	0.001 to1	±(2% +1m ³ /min)
CFM (cubic ft/min)	0-9999	0.001 to1	±(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	