

DIGITAL MULTI-FUNCTION THERMO ANEMOMETER MODEL NO. AM-4836C



APPLICATION

It bears the CE marking that certifies its compliance with the essential health standards and safety requirements set out by the European Directives, thus your safety while using the AM-4836C is assured. Embrace the many advantages of having a Directional & 3-cup type Velocity sensor probes! The precision instrument that has a variety of practical applications including data collections for weather analysis, weather forecast, collection of the weather datum for outdoor busywork, navigation, marine applications, environment monitor for ventilation systems & ducts, installation, data collection for boiler, refrigeration industry, fire department, for outdoor people such as sailors, trekkers, para gliders, skiers, golfers, balloonists, hang gliders, windsurfers, weather enthusiast, lovers of kite flying, kite-surfing, paragliding, environment monitor, and many others navigation measurement.

KEY FEATURES

- Wide applications: use to check air conditioning & heating systems , measure air velocity, wind speed, direction, 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 RS-232 data output to connect with PC.
- Provide Bluetooth data output choice

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SPECIFICATIONS

General Specifications:

- * Display: 0.5"(13mm)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; Temperature:°C,°F; Direction:° from The North Direction
- * 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 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);\Velocity sensor:65x65x115mm; Direction sensor:86x69x115mm
- * Weight:375 g / 0.83 lb (Including Batteries)

Test Range Specification:

Air Velocity:

- m/s: Range:0.4-45.0; Resolution:0.1m/s; Accuracy:±(2%n+0.1m/s);
- km/h:Range:1.4-162.0; Resolution:0.1km/h, Accuracy:±(2%n+0.1km/h);
- ft/min:Range:80-8860; Resolution:0.1ft/min; Accuracy:±(2%n+0.1ft/min);
- knots:Range:0.8-88.0; Resolution:0.1knots; Accuracy:±(2%n+0.1knots);

Air Flow:

- CMM: Range:0-9999; Resolution:0.001-1; Accuracy:±(2%n+0.1m³/min);
- CFM: Range:0-9999; Resolution:0.001-1; Accuracy:±(2%n+0.1ft³/min);

Beaufort Scale:

- Range: 0-12; Resolution:0.1; Accuracy:±0.5

Direction:

- Range:0~360°,Resolution:22.5°,Accuracy:±22.5°

Wave Height(Meter):

- Range:0-14; Resolution:0.1; Accuracy:±0.1

Air Temperature:

- Range:14-140°F, Resolution:0.1°F; Accuracy:0.9°F;
- Range:-10 ~ 60°C, Resolution:0.1°C; Accuracy:0.5°C

ACCESSORIES

Standard Accessories:

- * Operation Manual x 1pc
- * Main Unit x 1pc
- * Carrying Case x 1pc
- * Velocity Sensor x 1pc
- * Direction sensor x 1pc

Optional Accessories:

- * RS-232 Data Cable With Software x 1 set
- * Bluetooth Data adapter With Software x 1 pc

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