MEXTECH ™

INSTRUMENTS OF TOMORROW

DIGITAL ANEMOMETER MODEL: AM-4836C



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

SPECIFICATIONS:
General Specifications

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 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
Data Output: RS 232 C serial interface
Operating Temperature: 14°F to 140°F (-10°C to 60°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 or USB

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 nots)
Air Flow			
CMM (cubic meters/min)	0-9999	0.001 to1	±(2% +1m³/min)
CFM (cubic ft/min)	0-9999	0.001 to1	±(2% +1ft³/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	14 - 140°F	0.1 °F	0.9 °F
	-10-60 °C	0.1 °C	0.5 °C