

Digital Anemometer



AM-4836V

Model: AM-4836V AM-4836C

Applications

Anemometer 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

- * AM-4836V is use to measure air velocity, wind speed, temperature, etc.
- * AM-4836C is use to measure air velocity, wind speed, temperature, direction, 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.



AM-4836C

Test Range Specifications

		Range	Resolution	Accuracy
Air Velocity	m/s (meters/sec)	0.4~45.0	0.1	±(2%n+0.1m/s)
	km/h (kilo-meters/hour)	1.4~162.0	0.1	±(2%n+0.1km/h)
	ft/min (feet/minute)	80~8860	0.1	±(2%n+1ft/min)
	knots (nautical MPH)	0.8~88.0	0.1	±(2%n+0.1nots)
Air Flow	CMM (cubic meters/min)	0~9999	0.001~1	±(2%n+0.1m³/min)
	CFM (cubic ft/min)	0~9999	0.001~1	±(2%n+0.1ft³/min)
Beaufort Scale		0~12	0.1	±0.5
Direction (Only AM-4836C)		0~360°	22.5°	±22.5°
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

General Specifications

Model		AM-4836V	AM-4836C
Display		LCD	
Measurement	Air Velocity	m/s, km/h, ft/min, knots	
Units	Air Flow	CMM (m ³ /min), CFM (ft ³ /min)	
	Beaufort Scale	Force	
	Wave Height	m	
	Direction	—	° from The North Direction
	Temperature	°C , °F	
Data Hold		Maximum Value	
Data Memorized		24 Groups	
Sampling Rate		Reading Per Second Approx	
Sensors	Air Velocity / Flow Sensor	Vane Arms with Low-friction Ball Bearing	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		4x1.5V AAA (UM-4) Battery	
Dimensions	Main Unit	156x67x28 mm (6.1x2.6x1.1 inch)	
	Sensor	Sensor Head: 72 mm Diameter	Velocity Sensor: 65x65x115 mm
		—	Direction Sensor: 86x69x115 mm
Weight (Including Batteries)		260 g	375 g
Standard Accessories		Main Unit	
		Carrying Case (B04)	Carrying Case (B10)
		Operation Manual	
		Sensor	Velocity Sensor
		—	Direction Sensor
Optional Accessories		RS-232C Data Cable with Software	
		Bluetooth Data Adapter with Software	

