



**AVM-01/AVM-03
Anemometer**

Product Features

- Sensitive for low/high air velocity
- Ergonomic Design
- 0.0~45m/s range

Electrical Specifications: (23°C±5°C)

Range of Wind Velocity:

Units	Range	Resolution	Threshold	Accuracy
m/s	0.0 - 45.0	0.1	0.5	±3% ± 0.3
ft/min	0 - 8800	10	60	±3% ± 40
knots	0.0 - 88.0	0.1	0.6	±3% ± 0.4
Km/hr	0.0 - 140.0	0.1	1.0	±3% ± 0.8
mph (optional)	0.0 - 100.0	0.1	0.7	±3% ± 0.4

m/s: meter per second
ft/min: feet per minute
knots: nautical miles per hour
Km/hr: kilometers per hour
mph: miles per hour

Range of Temperature:

	Range	Resolution	Accuracy
°C	0 - 60.0	0.1	±0.8
°F	32.0 - 140.0	0.1	±1.5

General Specifications:

Bearing:	Sapphire jewel bearing
Temperature sensor:	K-type thermocouple
Mounting Nut:	1/4" x 20
Operating Temperature:	Meter: 0° C ~ 50°C (32° F ~ 122°F) Vane: 0°C ~ 60°C (32° F ~ 140°F)
Operating Humidity:	Less than 80% RH
Operating Pressure:	500 mB ~ 2 Bar
Storage Temperature:	-10°C ~ 60°C (-40°F ~ 140°F)
Power Consumption:	Approx. 6 mA
Battery Type:	9V
Battery Life:	50 hours (for 300mA-hrs battery)
Averaging Period for Wind Speed Measurement:	m/s 0.6 sec.(approx.) ft/min 1.2 sec.(approx.) knots 1.2 sec.(approx.) km/hr 2.2 sec.(approx.) mph (optional) 1.4 sec.(approx.)
Dimension: Meter	88x 168x 26.2mm (3.46"x 6.61"x 1.03")
Dimension: Vane	66x 132x 29.2mm (2.60"x 5.22"x 1.15")
Weight:	350g / 12.34oz (battery included)
Accessories:	Carrying case x 1 Users manual x 1 9V Battery x 1