

FEATURES

- Auto power off
- Robust and impact resistant casing
- Ergonomic and easy to use
- Sensitive and accurate
- Low power consumption

RS PRO AVM-09 Vane 45m/s Max Air Velocity Air Velocity, Temperature Anemometer

RS Stock No.: 123-2203



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

From the trusted RS PRO brand, a rotating vane anemometer designed for measuring wind speed and velocity. The hand-held meter provides instant accurate readings without compromising on functionality or performance. Constructed from high-quality impact resistant materials the RS PRO rotating vane anemometer is ideal for engineers and technicians.

General Specifications

Model Number	AVM-09
Measurement Parameters	Air velocity , Temperature
Probe Type	Rotary Vane
Display Type	LCD
Auto Power Off	Yes
Low Battery Indication	Yes
Data Hold	No
Data Storage	No
Communication Interface	RS-232C interface
Accessories	Carrying case x 1, User manual x 1, 9V Battery x 1
Application	HVAC, Construction, Roofing, Sailing, boating and windsurfing, Climbing and hiking, Aviation, wind direction, airflow and gust, Weather stations and meteorological studies, Calibration and testing

Measurement

Parameters	Range	Resolution	Accuracy
Air Velocity (m/s)	0.0 - 45.0	0.01	±3% ± 0.1
Air Velocity (Km/h)	0.0 - 140.0	0.04	±3% ± 0.4
Air Velocity (mph)	0.0 - 100.0	0.02	±3% ± 0.2
Air Velocity (Knots)	0.0 -88.0	0.02	±3% ± 0.2
Air Velocity (fpm)	0 - 8800	2	±3% ± 20
Temperature	0°C - 45°C	0.2°C	±1°C
	32°F - 113°F	0.36°F	±1.8°F

Electrical Specifications

Operating Supply Voltage	Battery
Batteries Included	YES
Battery Type	9V
Battery Life	50 hours

Mechanical Specifications

Dimensions	88mm x 26mm x 168mm
Width	26.2(Meter)mm, 29.2(Vane)mm
Length	66(Vane)mm, 88 (Meter)mm
Height	168mm
Weight	350g

Operation Environment Specifications

Relative Humidity	Less than 80% RH
Minimum Operating Temperature	0 (Meter)°C, 0 (Vane)°C
Maximum Operating Temperature	50 (Meter) °C, +60 (Vane)°C
Storage Temperature Range	40°C to 60°C

