

FEATURES

- Robust and impact resistant casing
- Ergonomic and easy to use
- Sensitive and accurate
- Low power consumption
- Easy-to-read 3 digit LCD display

RS PRO AVM-01 Vane 45m/s Max Air Velocity Air Velocity Anemometer

RS Stock No.: 123-2202



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.

WARNING: This anemometer is designed for measurement, not for monitoring. So please do not put it in the environment of high temperature for a long time. Moreover, in the environment over 15m/s do not operate it for more than 1 minute.

General Specifications

Model Number	AVM-01
Measurement Parameters	Air Velocity
Probe Type	Rotary Vane
Display Type	LCD
Low Battery Indication	Yes
Data Hold	No
Data Storage	No
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

Measurement

Parameters	Range	Resolution	Accuracy
Air Velocity (m/s)	0.0 - 45.0	0.1	±3% ± 0.3
Air Velocity (Km/h)	0.0- 140.0	1.0	±3% ± 0.3
Air Velocity (mph)	0.0 - 100.0	0.1	±3% ± 0.3
Air Velocity (Knots)	0.0 - 88.0	0.1	±3% ± 0.3
Air Velocity (fpm)	0 - 8800	10	±3% ± 0.3
Temperature	0°C - 60°C	0.1°C	±0.8°C

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

