

FEATURES

- Replaceable 9V battery
- This anemometer also features a data hold function
- Auto power-off function
- Low battery indication
- Dual-line 4-digit LCD display for easy and clear reading

RS PRO RS-90 NTC, Rotary Vane 25m/s Max Air Velocity Air Temperature, Air Velocity Anemometer

RS Stock No.: 155-8899



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

Introducing the RS PRO mini anemometer. This high-quality rotating vane anemometer has been designed for the measurement of air velocity and air temperature and provides rapid, accurate readings without compromising on quality or performance. The RS-90 is equipped with Bluetooth technology that enables the user to easily transmit measured data and instrument status to a smartphone or Bluetooth-enabled device. The compact anemometer uses a high precision rotating sensor to deliver precise readings, even at low wind speeds, as well as simultaneously measuring the air temperature with the built-in NTC thermistor, making this pocket-sized meter ideal for engineers, service technicians and scientists.

General Specifications

Model Number	RS-90
Measurement Parameters	Air Temperature, Air Velocity
Probe Type	Rotary Vane ,NTC
Display Type	LCD
Auto Power Off	Yes
Low Battery Indication	Yes
Data Hold	Yes
Data Storage	No
Application	HVAC and construction, Sailing, boating and windsurfing, Climbing and hiking, Aviation, wind direction, airflow, and gust, Weather stations and meteorological studies, Calibration laboratories

Measurement

Parameters	Range	Resolution	Accuracy
Air Velocity (m/s)	1.10 – 25.00	0.01	±(3%+0.30 m/s)
Air Velocity (Km/h)	4.0 – 90.0	0.1	±(3%+1.0 km/h)
Air Velocity (mph)	2.5 – 56.0	0.1	±(3%+0.4 mph)
Air Velocity (Knots)	2.2 – 48.0	0.1	±(3%+0.4 knots)
Air Velocity (fpm)	220 – 4920	1	±(3%+40 ft./min)
Temperature	-10°C – 60°C (14~140° F)	0.1°C/°F	2.0°C (4.0° F)

Electrical Specifications

Operating Supply Voltage	Battery
Battery Type	9V

Mechanical Specifications

Dimensions	21.3mm x 54mm x 36mm
Width	54mm
Length	21.3 mm
Height	36mm
Weight	172g

Operation Environment Specifications

Altitude	2000 meters 7000ft. maximum
Relative Humidity	<80%RH
Minimum Operating Temperature	50°C
Maximum Operating Temperature	0°C
Storage Temperature Range	-10 °C to 60°C

