



**THE RIGHT SOURCE
THE RIGHT SOLUTIONS**

ANEMOMETER/MANOMETER

TECHNICAL DATA

FEATURES

- Measure and display air velocity, air flow volume, pressure and ambient temperature with a single, compact unit
- Air velocity displayed in m/s, fpm, km/h, mph or knots
- Air flow displayed in cfm or cmm
- Pressure displayed in psi, mbar, inH₂O, mmH₂O or Pa
- Temperature displayed in °C or °F
- Max., Min. and Avg. readings
- Real time clock provides for time-stamped measurements
- Push button calculation of rectangular or circular duct areas
- Large LCD display with backlight
- Auto power off and low battery indication
- USB interface
- Includes black and white silica tubes, Pitot tube, power adapter, USB cable, 9V battery, CD software and carrying case

SPECIFICATIONS

Pressure Range: ±5000 Pa; 0.752 psi; 50.00mbar; 20.07 inH₂O; 509.8 mmH₂O
Resolution: 1 Pa; 0.0001 psi; 0.01 mbar; 0.01 inH₂O; 0.1 mmH₂O
Accuracy: ±0.3% FSO
Repeatability: ±0.2% FSO
Linearity/Hysteresis: ±0.29% FSO
Air Velocity Range: 1.00 to 80.00 m/s; 200 to 15,733 fpm; 3.6 to 288.0 km/h; 2.24 to 178.66 mph; 2.0 to 154.6 knots
Resolution: 0.01 m/s; 1 fpm; 0.1 km/h; 0.01 mph; 0.1 knots
Accuracy: ±2.5% rdg.
Air Flow Range: 0 to 99.999 ft³/min; 0 to 99.999 m³/min
Resolution: 0.0001 to 100 ft³/min; 0.001 to 100 m³/min
Accuracy: Function of air velocity and duct size
Temperature Range: 0 to 50.0°C; 32.0 to 122.0°F
Resolution: 0.1°C; 0.1°F
Accuracy: ±1.0°C; ±2°F
Power Supply: Single 9V battery
Dimensions: 203 x 75 x 50mm



ORDERING INFORMATION

R3001 Anemometer/Manometer

**Contact us at 1-800-561-8187
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www.reedinstruments.com

