Model VT-200 Vane Thermo-Anemometer

Simultaneously measure air velocity and temperature with the Model VT-200 Vane Thermo-Anemometer. Measures air volume in cubic feet per minute and cubic meters per minute. Air velocity measurements can be viewed in ft/min, m/s, knots, km/hr, and mph with ±3% accuracy. The multifunction LCD can simultaneously display air velocity and temperature in selectable units or air flow and air area. Built-in datalogger can store up to 1000 measurements or transfer the data to a PC via RS-232 communication. Additional features include data hold and record/reCALL minimum, maximum and average readings. Model VT-200 includes RS232 interface, PC Windows™ software, cable, battery, carrying case, and instruction manual.

Model VT-200, Vane Thermo-Anemometer

SPECIFICATIONS

Air Velocity Ranges: 0.3 to 45 m/s; 0.7 to 100 mph; 0.6 to 88.0 knots; 1 to 140.0 km/hr; 60 to 8,800 ft/min.

Temperature Range: 32 to 122°F (-10 to 50°C).

Accuracy: Air velocity: ±3% of reading ±0.1, whichever is greater; Temperature: ±1.5°F (±0.8°C).

Resolution: 0.1 knots, m/s, km/hr, and mph; 0.1 ft/min; 0.1°C.

Response Time: 1 second.

Model VT-200 Vane Thermo-Anemometer is ideal for balancing air conditioning and heating ducts or checking the operation of fans and blowers. Model VT-200 measures air volume in cubic feet per minute and cubic meters per minute. Air velocity measurements can be viewed in ft/min, m/s, knots, km/hr, and mph with ±3% accuracy. The multifunction LCD can simultaneously display air velocity and temperature in selectable units or air flow and air area. Built-in datalogger can store up to 1000 measurements or transfer the data to a PC via RS-232 communication. Additional features include data hold and record/reCALL minimum, maximum and average readings. Model VT-200 includes RS232 interface, PC Windows™ software, cable, battery, carrying case, and instruction manual.

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Model 8904, Integral Vane Thermo-Anemometer

Simultaneously measure air velocity and temperature with the Model 8904 Integral Vane Thermo-Anemometer. The large 1.3” (34 mm) display allows users to easily view readings. User-selectable wind speed units include ft/min, m/sec, knots, mph and km/hr. Additionally, a built-in sensor records ambient temperature in °F or °C. Model 8904 features include data hold, the ability to record minimum, maximum and average readings on a single point and an RS232 interface setting. The units can also record and average up to 2 hours of data while displaying the continuous running average. Model 8904 includes hard carrying case, battery and instruction manual. This compact meter is ideal for HVAC inspection, energy audits and balancing applications.

Model 8904, Integral Vane Thermo-Anemometer

SPECIFICATIONS

Air Velocity

Range: 80 to 5900 ft/min (0.4 to 30 m/s).

Accuracy: ±3% of reading or last significant digit (whichever is greater).

Resolution: 1 ft/min (0.01 m/s).

Response Time: 1 second.

Temperature

Range: 14 to 122°F (-10 to 50°C).

Accuracy: ±1°F (±0.6°C).

Resolution: 0.1°F/°C.

Response Time: 60 seconds.

Display: 1.3 x 1.6” (34 x 40 mm).

Serial Communications: 2400 bps, 8 data bits.

Power Requirements: 9 V alkaline battery, included, user replaceable.

Battery Life: 100 hours.

Vane Diameter: 2-7/8” (70 mm).

Weight: 5.3 oz (150 g).

Agency Approvals: CE.