Model VT-200

Vane Thermo-Anemometer

Measures Air Volume, Air Velocity, and Temperature, Built-in Datalogging

CE

6-13/32 [162.56]

3-7/32 [81.44]

2-3/32 [53.58]

4-1/8 [104.54]

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 RS-232 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 (0 to 50°C).
Air Volume Ranges: CFM (ft³/min) or CMM (m³/min).
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; 0.1/1 ft/min; 0.1°C.
Temperature Sensor: Type K thermocouple.
Temperature Limits: 32 to 140°F (0 to 60°C).
Display: Dual line, 4-digit, 1.1″ (27.9 mm) height.
Power Requirements: 9 V alkaline battery, included, user replaceable.
Battery Life: 50 hours (approx).
Output: RS232 serial interface via DB9 female connector.
Housing: ABS plastic, 1″ (25 mm) diameter.
Weight: 12.3 oz (350 g).
Agency Approval: CE.

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