Simultaneously measure air velocity and temperature with the Model VT120 Integral Vane Thermo-Anemometer. Easily view readings on the large 1.25” (31.75 mm) dual display. User-selectable air velocity ranges include ft/min, m/sec, mph, knots, and km/hr. Built-in thermistor records ambient temperature in °F or °C. Model VT120 features include data hold and record/recall minimum, maximum and average readings. Also, units have the ability to record and average up to 2 hours of data while displaying the continuous running average. If desired, sleep mode automatically shuts down the meter after 20 minutes of non-use. Model VT120 includes hard carry case, one 9V battery, and instruction manual.

Model VT120, Integral Vane Thermo-Anemometer

APPLICATIONS
Air duct measurement and analysis, fume hood analysis, ionizer flow output monitoring, positive pressure reading in clean rooms, or ventilation system inspection.

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 temperature and velocity 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, 9V 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).
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: 9V alkaline battery (included), Battery life: approx. 50 hours.
Housing: ABS plastic, 1” (25 mm) diameter.
Weight: 12.3 oz (350 g).
Agency Approval: CE.

Model VT-200, Vane Thermo-Anemometer

SPECIFICATIONS
Air Velocity Ranges: 80 to 5900 ft/min, 0.4 to 30 m/sec, 0.9 to 68 mph, 0.8 to 58 knots, 1.4 to 106 km/hr.
Temperature Range: 14 to 122°F (-10 to 50°C).
Accuracy:
Air velocity: ±3%;
Temperature: ±1°F (±0.6°C).
Resolution: 1 ft/min, 0.01 m/sec, 0.1 mph, 0.1 knots, 0.1 km/hr, 0.1°F, 0.1°C.
Temperature Sensor: Thermistor.
Temperature Limits: 14 to 122°F (-10 to 50°C) max 80% RH.
Power Supply: One 9V battery.
Battery Life: 100 hours continuous (with 20 min sleep mode enabled).
Display: Large 1.25 x 1.62” (37 x 42 mm) LCD, 9999 count.
Housing: ABS plastic.
Sensor Diameter: 2.87” (70 mm).
Weight: 1.5 lb (680 g).
Agency Approvals: CE.