



Model  
VT-200

# Vane Thermo-Anemometer

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



**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  $\pm 3\%$  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 (ft<sup>3</sup>/min) or CMM (m<sup>3</sup>/min).

**Accuracy:** Air velocity:  $\pm 3\%$  of reading  $\pm 0.1$ , whichever is greater; Temperature:  $\pm 1.5$  °F ( $\pm 0.8$ °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.