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 RS-232 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.

APPLICATIONS

This meter is most ideal for measuring heat, ventilation, air conditioning, refrigerating wind flow and temperature.

Model 8904, Integral Vane Thermo-Anemometer

The Model 471B Digital Thermo-Anemometers are versatile dual function instruments that quickly and easily measure air velocity or volumetric flow plus air temperature in imperial or metric units. High contrast LCD display shows both selected readings simultaneously. Convenient backlight provides perfect visibility in low light conditions. Light automatically shuts off after 2 1/2 minutes to prolong battery life. Low battery warning is included. Stainless steel probe with comfortable hand grip is etched with insertion depth marks from 0 to 8 inches and 0 to 20 cm. Extruded aluminum housing fully protects electronics, yet is lightweight and comfortable to hold even when taking multiple readings as part of duct traverses. Up to 99 readings may be stored for later retrieval. An integral sliding cover protects sensors when not in use. Items included with the 471B are 9 volt alkaline battery, sensing probe, wrist strap and custom carrying case.

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.

METER

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.

The Model 471B Digital Thermo-Anemometer includes 9V battery, sensing probe, wrist strap, soft carrying case and instructions.

ADDITIONAL PARTS

AP1, Thermo anemometer air velocity & temperature probe with coiled cable
UHH-C1, Soft carrying case

Model 471B-1, Digital Thermo Anemometer includes 9V battery, sensing probe, wrist strap, soft carrying case and instructions