



Model  
9671

# Multi-function Vane Thermo-Anemometer



Measures Air Velocity, Air Volume, Temperature, Humidity, and BTU; Built-In Datalogging



Measure air velocity, air volume, temperature, humidity, and BTU with the Model 9671 Multifunction Anemometer. The large 1.8" (45 mm) display allows users to easily view readings. User-selectable wind speed units include ft/min, m/s, knots, mph and km/hr. In addition to these functions, the 9671 is capable of measuring relative humidity, wet bulb temperature, dew point and BTU capacity. A built-in sensor records ambient temperature in °F or °C. Model 9671 features include data hold, along with the ability to record minimum, maximum and average readings on a single point. Additional features include an RS-232 interface setting that allows the unit to download data, as well as upload up to 99 measurements through pre-edited PC files. The 9671 also has a detachable probe for easy replacement, if necessary. Each unit includes hard carrying case, batteries, software CD, cable and instruction manual.

Model 9671, Vane Thermo-Anemometer

## ACCESSORY

A-551, Replacement Probe with Vane

## SPECIFICATIONS

### AIR VELOCITY

**Range:** 118 to 6299 ft/min (0.6 to 32 m/s).

**Accuracy:** ±5% of reading or last significant digit (whichever is greater).

**Resolution:** 0.1 ft/min (0.1 m/s).

**Response Time:** 1 second.

### TEMPERATURE

**Range:** -4 to 140°F (-20 to 60°C).

**Accuracy:** ±1°F (±0.6°C).

**Resolution:** 0.1°F/°C.

**Response Time:** 60 seconds.

### RELATIVE HUMIDITY

**Range:** 0 to 100%.

**Accuracy:** ±3% @ 25°C from 10 to 90% RH. Outside this range: ±5%.

**Resolution:** 0.10%.

**Response Time:** 60 seconds.

### AIR VOLUME

**Range:** 0 to 99999 (CFM or m<sup>3</sup>/s).

**Accuracy:** ±5% of reading or last significant digit (whichever is greater).

**Resolution:** 0.1 (0 to 9999.9) or 1 (10000 to 99999).

**Response Time:** 1 second.

### WET BULB

**Range:** -7.6 to 158°F (-22 to 70°C).

**Resolution:** 0.1°F/°C.

**Display:** 1 x 1.8" (26 x 45 mm).

**Serial Communications:** 9600 bps, 8 data bits, no parity.

**Power Requirements:** (4) AAA alkaline batteries, included, user replaceable.

**Battery Life:** 100 hours.

**Vane Diameter:** 3" (77 mm).

**Weight:** 6 oz (170 g).

**Agency Approvals:** CE.