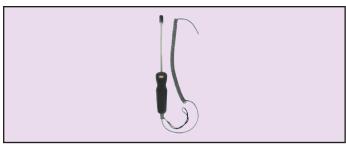


Model RP1

# Thermo-Hygrometer Probe



## Wired, Measures Humidity, Temperature, Dew Point, & Wet Bulb Temperatures



Model RP1, Wired Thermo-Hygrometer Probe

### SPECIFICATIONS Service: Clean air.

Temperature Limits:

Process: -40 to 176°F (-40 to 100°C); Ambient: 5 to 125°F (-15 to 51°C).

Range

RH: 0 to 100% (non-condensing); Temperature: -20 to 140°F (-29 to 60°C).

Accuracy:

RH: ±2% @ 25°C (10 to 90% RH); ±4% (0 to 10, 90 to 100% RH);

Temperature: ±0.54 @ 77°F (±0.3 @ 25°C).

Response Time: 1.5 s.

Probe Length: 8" (203 mm) insertion.

Weight: 12.8 oz (362 g). Agency Approvals: CE, RoHS.

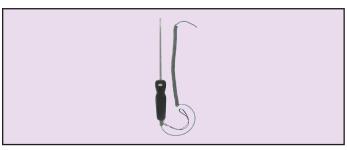


Series AP1

# Thermo-Anemometer Probe

Wired, Measures Velocity, Flow, & Temperature





Model AP1

Probe Length 8" (203.2 mm)

#### **SPECIFICATIONS**

Service: Dry, clean air.

Temperature Limits:

Process: -20 to 212°F (-29 to 100°C); Ambient: 5 to 125°F (-15 to 51°C).

Range

Air Velocity: 0 to 6000 FPM (0 to 30 m/s); Volumetric Air: 999,999 in selected flow units; Temperature: -20 to 212°F (-29 to 100°C).

Accuracy:

Air Velocity: ±3% FS within temperature range of 40 to 90°F (4 to 32°C);

Temperature: ±0.5°F (±0.28°C).

Response Time: 1 s.

Probe Length: 8" (203 mm) insertion.

Weight: 12.8 oz (362 g). Agency Approvals: CE.



Model VP1

## 100 mm Vane Thermo-Anemometer Probe

Wired, Measures Velocity, Flow, Humidity, & Temperature





Model VP1, Wired 100 mm Vane Thermo-Anemometer Probe

### **SPECIFICATIONS**

Service: Dry, clean air.

Temperature Limits:

Process: -20 to 212°F (-29 to 100°C); Ambient: 5 to 125°F (-15 to 51°C).

Range

Air Velocity: 40 to 5000 fpm (0.2 to 25 m/s); Volumetric Air: 999,999 in selected flow units; Temperature: -20 to 212°F (-29 to 100°C); Relative Humidity: 0 to 100% RH.

Accuracy:

Air Velocity: 0.25 to 10 m/s:  $\pm$ 1.5% of reading  $\pm$ 20 fpm ( $\pm$ 0.1 m/s); 10 to 20 m/s: 1.5% of reading  $\pm$ 40 fpm ( $\pm$ 0.2 m/s); 20 to 25 m/s:  $\pm$ 1.5% of reading  $\pm$ 60 fpm ( $\pm$ 0.3 m/s);

Temperature: ±0.54°F @ 77°F (±0.3°C @ 25°C);

Relative Humidity:  $\pm 2\%$  @ 77°F (25°C) (10 to 90% RH);  $\pm 4\%$  (0 to 10% RH and 90 to 100%).

### Response Time:

Air Velocity and Air Volume: 1 s; Temperature and Relative Humidity: 1.5 s. **Probe Length:** 8" (203 mm) insertion. **Vane Material:** Anondized aluminum. **Weight:** 15.2 oz (431 g).

Agency Approvals: CE, RoHS.

