### Thermo-Hygrometer Probe

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

**SPECIFICATIONS**

- **Service:** Clean air.
- **Temperature Limits:**
  - Process: -40°F 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°F @ 77°F (±0.3°C @ 25°C).
- **Response Time:** 1.5 s.
- **Probe Length:** 8” (203 mm) insertion.
- **Weight:** 12.8 oz (362 g).
- **Agency Approvals:** CE, RoHS.

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### Thermo-Anemometer Probe

**Wired, Measures Velocity, Flow, & Temperature**

**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, RoHS.

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### 100 mm Vane Thermo-Anemometer Probe

**Wired, Measures Velocity, Flow, Humidity, & Temperature**

**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: ±1.5% of reading ±20 fpm (±0.1 m/s); 10 to 20 m/s: 1.5% of reading ±40 fpm (±0.2 m/s); 20 to 25 m/s: ±1.5% of reading ±60 fpm (±0.3 m/s);
  - Temperature: ±0.54°F @ 77°F (±0.3°C @ 25°C);
  - Relative Humidity: ±2% @ 77°F (25°C) (10 to 90% RH); ±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:** Anodized aluminum.
- **Weight:** 15.2 oz (431 g).
- **Agency Approvals:** CE, RoHS.