



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: $\pm 2\%$ @ 25°C (10 to 90% RH); $\pm 4\%$ (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



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: $\pm 3\%$ FS within temperature range of 40 to 90°F (4 to 32°C);

Temperature: $\pm 0.5^\circ\text{F}$ ($\pm 0.28^\circ\text{C}$).

Response Time:

1 s.

Probe Length:

8" (203 mm) insertion.

Weight:

12.8 oz (362 g).

Agency Approvals:

CE.

Model	Probe Length
AP1	8" (203.2 mm)



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 ± 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: $\pm 1.5\%$ of reading ± 60 fpm

(± 0.3 m/s);

Temperature: $\pm 0.54^\circ\text{F}$ @ 77°F ($\pm 0.3^\circ\text{C}$ @ 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:

Anodized aluminum.

Weight:

15.2 oz (431 g).

Agency Approvals:

CE, RoHS.