



SP565 Thermal Anemometer

Hotwire air velocity probe with flip up telescopic sensor wand. Use with TPI Smart Probe App to display air velocity and air flow.

Features/Benefits:

- Measure air velocity and temperature simultaneously
- Communicate with Android Smart Phone using Bluetooth LE and TPI App
- Record minimum, maximum & average
- Multiple measuring units: m/s, km/h, ft/min, knots, mile/h

Applications:

- Air duct analysis to balance commercial and residential HVAC systems
- Fume hoods
- Floor registers
- Exhaust grills

Ranges:

- Air Velocity: 40 to 3900 fpm; 0.2 to 20 m/s
- Temperature: -5°F to 175°F (-20°C to 80°C)



TPI Smart Probe App

Use the TPI app to display real time readings in numeric and graph format.

Save readings to a CSV file.

The app allows the customer's information to be stored and a report sent via email.

Hotwire Velocity Meter



SP565 Smart Probe Air Velocity Meter Specifications

Sensor Type	Hot wire
Air Velocity Measurement Range	-40 ft/min to 3900 ft/min (0.2 m/s to 20 m/s)
Air Velocity Accuracy	+/- (5% of rdg + 10 digits) or +/- (1% FS + 10 digits)
Resolution	1 ft/min / 0.01 m/s
Temperature Measurement Range	-4°F to 140°F (-20°C to 60°C)
Temperature Accuracy	+/- 1°F (0.5°C) (32°F to 113°F / 0°C to 45°C) +/- 2°F (1°C) (<32°F (0°C) and >113°F (45°C))
Units of Measure	m/s, km/s, ft/min, miles/hr, knots/hr
Operating Temperature	-4°F to 122°F (-20°C to 50°C)
Communication	Bluetooth version 4.2 (Use with TPI Smart Probe App)
Battery Type	AAA x 3
Battery Life	60 hours typical
CFM Calculation	Performed via TPI Smart Probe App

