

Air Velocity Probe Accessory for the Q-TRAK™ Plus IAQ Monitor



Shown with the Q-TRAK Plus IAQ Monitor

TSI's Air Velocity Probe (AVP) Model 8592 is designed to work with the popular Q-TRAK Plus IAQ Monitor. Simply plug it into the accessory port and you are ready to go. Now, you can measure air velocity in real-time, record fume hood face velocity and quickly display calculated volumetric flowrate, all with the same instrument! The velocity measurements can also be stored and downloaded to your computer using TRAKPRO™ Data Analysis Software.

Features

- Simply attach to the Q-TRAK Plus to display air velocity
- 40 in. telescoping probe with etched length marks for hard-to-reach areas
- Real-time velocity measurements
- Velocity averaging
- Calculated air flowrate based on average velocity across a defined area is displayed in real-time
- User-selectable units of measure
- NIST traceable calibration certificate

Applications

- HVAC duct velocity/flowrate measurements
- Air movement (comfort) in occupied zones
- Volumetric air flow in occupied zones
- Fume hood face velocity testing
- Clean room studies
- Wind tunnel testing
- Filter face velocity testing

Specifications

Model 8592 Air Velocity Probe (AVP) Accessory

Velocity

| | |
|----------|---|
| Range | 0 to 4,000 fpm (0 to 20 m/s) |
| Accuracy | 5% of reading or ± 5 fpm (± 0.025 m/s), whichever is greater. |

Temperature Operating Range

| | |
|-------|----------------------------|
| Range | 40° to 113° F (5° to 45°C) |
|-------|----------------------------|

Volumetric Flowrate

| | |
|-------|---|
| Range | up to 275,000 cfm up to 467,000 m ³ /h up to 130,000 L/s |
|-------|---|

Duct Size

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|-------|--|
| Range | 4 to 100 inches in 0.1-in. increments 10 to 300 cm in 0.1-cm increments |
|-------|--|

Averaging Capability

| | |
|-------|------------------------|
| Limit | Up to 99 sample points |
|-------|------------------------|

Probe Dimensions

| | |
|------------------|-------------------|
| Tip diameter | 0.25 in. (0.6 cm) |
| Base diameter | 0.39 in. (1.0 cm) |
| Length collapsed | 11.5 in. (29 cm) |
| Length extended | 43 in. (109 cm) |

Cable Length

| | |
|----------|------------------|
| Relaxed | 56 in. (142 cm) |
| Extended | 100 in. (252 cm) |

For technical support information, please refer to the Operation/Service Manual for Q-TRAK Plus IAQ Monitor.

Specifications are subject to change without notice.



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