

Air Velocity meter VelociCalc TSI

Model 9545

Measures velocity, temperature, relative humidity / calculates flow, wet bulb and dew point temperature with a straight, telescopic probe / data logging.

SPECIFICATIONS

Velocity:

- Range: 0 to 6,000 ft/min (0 to 30 m/s)
- Accuracy: $\pm 3\%$ of reading or ± 3 ft/min (± 0.015 m/s), whichever is greater
- Resolution: 1 ft/min (0.01 m/s)

Duct Size:

- Dimension: 1 to 250 inches in increments of 0.1 in. (1 to 635 cm in increments of 0.1 cm)

Volumetric Flow Rate:

- Range: Actual range is a function of velocity and duct size

Temperature:

- Range: 14 to 140°F (-10 to 60°C)
- Resolution: 0.1°F (0.1°C)

Relative Humidity

- Range: 5 to 95% RH
- Accuracy: $\pm 3\%$ RH
- Resolution: 0.1% RH

Instrument Temperature Range:

- Operating (Electronic): 40 to 113°F (5 to 45°C)
- Operating (Probe): 14 to 140°F (-10 to 60°C)
- Storage: -4 to 140°F (-20 to 60°C)

Data Storage Capabilities

- Range: 12,700+ samples and 100 test IDs

Logging Interval: 1 second to 1 hour

Time Constant: User selectable

External Meter Dimensions: 3.3 in. x 7.0 in. x 1.8 in. (8.4 cm x 17.8 cm x 4.4 cm)

Meter Weight with Batteries: 0.6 lbs. (0.27 kg)

Power Requirements: Four AA-size batteries or AC adapter

**Other models available:**

- 9545-AC: Includes ISO 17025 accreditation for air velocity, temperature and humidity
- 9545-A: Includes articulated probe.
- 9545-A-AC: Includes articulated probe and ISO 17025 accreditation for air velocity, temperature and humidity.