

ENERGY AND COMFORT

Ventilation Test Instruments

Model 9515



Features and Benefits

- Accurate air velocity measurement
 - Model 9515 range 0 to 4,000 ft/min (0 to 20 m/s)
 - Model 9525 range 0 to 2,000 ft/min (0 to 10 m/s)
- Integrated probe attachment
- Easy to read display
- Intrinsically safe (9525 only)
- Calibration certificate included

Applications

- HVAC system performance
- Commissioning
- Plant maintenance

VELOCICHECK® Thermal Anemometers

Models 9515 and 9525

The Models 9515 and 9525 are the economical choice for a digital Air Velocity Meter, without compromising accuracy or precision. Professionals find them the ideal tool for face velocity measurements in fume hoods, spray booths, or for IAQ and ventilation system checks. The Model 9515 features a 40-inch (101.6 cm) telescoping integrated probe for difficult to reach measurements. The Model 9525 has a 3-inch retractable probe and is UL listed as intrinsically safe for use in hazardous locations for Divisions 1 and 2 in Class I, Groups C and D; Class II, Groups E, F and G; and Class III.



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Specifications

VELOCiCHECK Models 9515 and 9525

Velocity

Range (9515) 0 to 4,000 ft/min (0 to 20 m/s)

Range (9525) 0 to 2,000 ft/min (0 to 10 m/s)

Accuracy^{1&2} $\pm 5\%$ of reading or ± 5 ft/min (± 0.025 m/s),
whichever is greater

Resolution 1 ft/min (0.01 m/s)

Temperature (9515 only)

Range 0 to 200°F (-18 to 93°C)

Accuracy³ $\pm 0.5^\circ\text{F}$ ($\pm 0.3^\circ\text{C}$)

Resolution 0.1°F (0.1°C)

Instrument Temperature Range

Operating (Electronics)

40 to 113°F (5 to 45°C)

Model 9515 Operating (Probe)

0 to 200°F (-18 to 93°C)

Model 9525 Operating (Probe)

14 to 140°F (-10 to 60°C)

Storage -4 to 140°F (-20 to 60°C)

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)

Probe Dimensions (Model 9515)

Length 40 in. (101.6 cm)

Diameter of Tip 0.28 in. (7 mm)

Diameter of Base 0.51 in. (13 mm)

Probe Dimensions (Model 9525)

Length 3.1 in. (79 mm)

Diameter of Tip 0.25 in. (6.4 mm)

Diameter of Base 0.25 in. (6.4 mm)

Meter Weight with Batteries

9.6 oz. (270 g)

	9515	9525
Velocity range 0 to 2000 ft/min (0 to 10.00 m/s)		•
Velocity range 0 to 4000 ft/min (0 to 20.00 m/s)	•	
Temperature	•	
Digital display	•	•
Calibration certificate	•	•
Intrinsically safe		•

¹ Temperature compensated over an air temperature range of 40 to 150°F (5 to 65°C).

² The accuracy statement begins at 30 ft/min through 4000 ft/min. (0.15 m/s through 20 m/s) for Model 9515; and 30 to 2,000 ft/min (0.15 to 10.0 m/s) for Model 9525.

³ Accuracy with instrument case at 77°F (25°C), add uncertainty of 0.05°F/°F (0.03°C/°C) for change in instrument temperature.

Specifications are subject to change without notice.

TSI Incorporated - 500 Cardigan Road, Shoreview, MN 55126-3996 USA

USA Tel: +1 800 874 2811

E-mail: info@tsi.com

Website: www.tsi.com

UK Tel: +44 149 4 459200

E-mail: tsuk@tsi.com

Website: www.tsiinc.co.uk

France Tel: +33 491 95 21 90

E-mail: tsifrance@tsi.com

Website: www.tsiinc.fr

Germany Tel: +49 241 523030

E-mail: tsigmbh@tsi.com

Website: www.tsiinc.de

Sweden Tel: +46 8 595 13230

E-mail: tsiab@tsi.com

Website: www.tsi.se

India Tel: +91 80 41132470

E-mail: tsi-india@tsi.com

China Tel: +86 10 8260 1595

E-mail: tsibeijing@tsi.com

Contact your local TSI Distributor or visit our website **www.tsi.com** for more detailed specifications.



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