

Multi-Function Ventilation Meter TSI

VelociCalc 9565

Measures velocity, temperature, humidity, differential pressure, barometric pressure and has inputs for two K alloy thermocouples. Includes a straight, telescopic probe and data logging.

SPECIFICATIONS

Velocity (Pitot or Airflow probe for Models 9565-NB, 9565-A-NB, 9565-P-NB):

- . Range: 250 to 15,500 ft/min (1.27 to 78.7 m/s)
- . Accuracy: $\pm 1.5\%$ at 2,000 ft/min (10.16 m/s)
- . Resolution: 1 ft/min (0.01 m/s)

Duct Size:

- . Dimensions: 1 to 500 inches in increments of 0.1 in. (2.5 to 1,270 cm in increments of 0.1 cm)

Volumetric Flow Rate:

- . Range: Actual range is a function of velocity, pressure, duct size, and K factor

Static/Differential Pressure (Models 9565, 9565-NB, 9565-A, 9565-A-NB, 9565-P, 9565-P-NB):

- . Range: -15 to +15 in. H₂O (-28.0 to +28.0 mm Hg, -3,735 to +3,735 Pa)
- . Accuracy: $\pm 1\%$ of reading ± 0.005 in. H₂O (± 0.01 mm Hg, ± 1 Pa)
- . Resolution: 0.001 in. H₂O (0.1 Pa, 0.01 mm Hg)

Barometric Pressure:

- . Range: 20.36 to 36.648 in. Hg (517.15 to 930.87 mm Hg)
- . Accuracy: $\pm 2\%$ of reading

Instrument Temperature Range:

- . Operating (Electronics): 40 to 113°F (5 to 45°C)
- . Storage: -4 to 140°F (-20 to 60°C)

Data Storage Capabilities:

- . Range: 26,500+ samples and 100 test IDs

Logging Interval: 1 second to 1 hour

Time Constant: User selectable

External Meter Dimensions: 3.8 in. x 8.3 in. x 2.1 in. (9.7 cm x 21.1 cm x 5.3 cm)

Meter Weight with Batteries: 0.8 lbs. (0.36 kg)

Power Requirements: Four AA-size batteries or AC adapter

All models include:

Instrument, hard carrying case, 4 alkaline batteries, USB cable, universal power supply, instruction manual, calibration certificate, LogDat2™ and TrakPro™ downloading software.



Multi-Function Ventilation Meter TSI

VelociCalc 9565

To Order:

Multi-Function Ventilation Meter with differential pressure sensor and Thermoanemometer Probe

Specify Description:

- 9565: Multi-function ventilation meter 9565-P with straight air velocity probe Model 964
- 9565-NB: Multi-function ventilation meter 9565-P-NB (no Bluetooth®) with straight air velocity probe Model 964
- 9565-A: Multi-function ventilation meter 9565-P with articulated air velocity probe Model 966 9565-A-NB Multi-function ventilation meter 9565-P-NB (no Bluetooth®) with articulated air velocity probe Model 966

Multi-Function Ventilation Meter only. Choose a probe most appropriate for your measurement needs


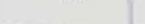

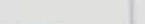




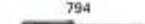




Specify Description:

- 9565-X: Multi-function ventilation meter, no plug-in probes, no differential pressure sensor
- 9565-X-NB: Multi-function ventilation meter, no plug-in probes, no differential pressure sensor, no Bluetooth®
- 9565-P: Multi-function ventilation meter, no plug-in probes, with differential pressure sensor tubing and static pressure probe
- 9565-P-NB: Multi-function ventilation meter, no plug-in probes, with differential pressure sensor, no Bluetooth



Multi-Function Ventilation Meter TSI VelociCalc 9565

Probe Specifications

Model	Description	Range	Accuracy	Resolution
960	 Thermoanemometer Telescopic Straight Probe Velocity and Temperature	0 to 9,999 ft/min (0 to 50 m/s)	±3% of reading or ±3 ft/min (±0.015 m/s), whichever is greater ^{MS}	1 ft/min (0.01 m/s)
		0 to 200°F (-18 to 93°C)	±0.5°F (±0.3°C) ^F	0.1°F (0.1°C)
962	 Thermoanemometer Telescopic Articulating Probe Velocity and Temperature	0 to 9,999 ft/min (0 to 50 m/s)	±3% of reading or ±3 ft/min (±0.015 m/s), whichever is greater ^{MS}	1 ft/min (0.01 m/s)
		0 to 200°F (-18 to 93°C)	±0.5°F (±0.3°C) ^F	0.1°F (0.1°C)
964	 Thermoanemometer Telescopic Straight Probe Velocity, Temperature and Humidity	0 to 9,999 ft/min (0 to 50 m/s)	±3% of reading or ±3 ft/min (±0.015 m/s), whichever is greater ^{MS}	1 ft/min (0.01 m/s)
		14 to 140°F (-10 to 60°C)	±0.5°F (±0.3°C) ^F	0.1°F (0.1°C)
		5 to 95% RH	±3% RH ^H	0.1% RH
966	 Thermoanemometer Telescopic Articulating Probe Velocity, Temperature and Humidity	0 to 9,999 ft/min (0 to 50 m/s)	±3% of reading or ±3 ft/min (±0.015 m/s), whichever is greater ^{MS}	1 ft/min (0.01 m/s)
		14 to 140°F (-10 to 60°C)	±0.5°F (±0.3°C) ^F	0.1°F (0.1°C)
		5 to 95% RH	±3% RH ^H	0.1% RH
995	 Rotating Vane 4 in. (100 mm) Probe Velocity and Temperature	50 to 6,000 ft/min (2.25 to 30 m/s)	±1% of reading or ±4 ft/min (±0.02 m/s)	1 ft/min (0.01 m/s)
		32 to 140°F (0 to 60°C)	±2.0°F (±1.0°C)	0.1°F (0.1°C)
980	 IAQ Probe CO ₂ , Temperature and Humidity	0 to 5,000 ppm CO ₂	±3% of reading or ±50 ppm CO ₂ , whichever is greater ^R	1 ppm CO ₂
		5 to 95% RH	±3% RH ^H	0.1% RH
		14 to 140°F (-10 to 60°C)	±1.0°F (±0.5°C) ^F	0.1°F (0.1°C)
982	 IAQ Probe Model CO, CO ₂ , Temperature and Humidity	0 to 500 ppm CO	±3% of reading or ±3 ppm CO, whichever is greater ^R	0.1 ppm CO
		0 to 5,000 ppm CO ₂	±3% of reading or ±50 ppm CO ₂ , whichever is greater ^R	1 ppm CO ₂
		5 to 95% RH	±3% RH ^H	0.1% RH
		14 to 140°F (-10 to 60°C)	±1.0°F (±0.5°C) ^F	0.1°F (0.1°C)
792	 Thermocouple Surface Temperature Probe (Type K)	-40 to 1200°F (-40 to 650°C)	±0.1% of reading +4°F (±0.056% of reading +2.2°C)	0.1°F (0.1°C)
794	 Thermocouple Air Temperature Probe (Type K)	-40 to 1200°F (-40 to 650°C)	±0.1% of reading +4°F (±0.056% of reading +2.2°C)	0.1°F (0.1°C)
984	 Low Concentration (ppb) TVOC and Temperature	10 to 20,000 ppb	±1.0°F (±0.5°C) ^F	10 ppb10
		14 to 140°F (-10 to 60°C)		0.1°F (0.1°C)
985	 High Concentration (ppm) TVOC and Temperature	1 to 2,000 ppm	±1.0°F (±0.5°C) ^F	1 ppm10
		14 to 140°F (-10 to 60°C)		0.1°F (0.1°C)
986	 Low Concentration (ppb) TVOC, Temperature, CO ₂ , and Humidity	10 to 20,000 ppb VOC		10 ppb10 VOC
		0 to 5,000 ppm CO ₂	±3% of reading or 50 ppm CO ₂ , whichever is greater	0.1 ppm CO ₂
		14 to 140°F (-10 to 60°C)	±1.0°F (±0.5°C) ^F	0.1°F (0.1°C)
		5 to 95% RH	±1.0°F (±0.5°C) ^F	0.1% RH
987	 High Concentration (ppb) TVOC, Temperature, CO ₂ , and Humidity	1 to 2,000 ppm VOC	±3% RH ^H	1 ppm10 VOC
		0 to 5,000 ppm CO ₂	±3% of reading or 50 ppm CO ₂ , whichever is greater	0.1 ppm CO ₂
		14 to 140°F (-10 to 60°C)	±1.0°F (±0.5°C) ^F	0.1°F (0.1°C)
		5 to 95% RH	±1.0°F (±0.5°C) ^F	0.1% RH
			±3% RH ^H	