



DIGI-SENSE™
THE STANDARD IN PRECISION MEASUREMENT

Professional CFM/CMM Vane Thermoanemometer

**Sixteen memory locations to store
commonly used vent area sizes**

This thermoanemometer provides precision air velocity and airflow measurements, ideal for helping you meet cooling and environmental requirements. Large dual display for simultaneously reading of air velocity or airflow and air temperature.

Features

- ◆ Reliable measurements, guaranteed! Precalibrated to NIST-traceable standards.*
- ◆ User-selectable units of measure of ft/min, m/s, mph, km/h, knots, CFM, and CMM
- ◆ Measure air velocities up to 5900 ft/min (30 m/s)
- ◆ Measure airflow up to 999,900 CFM (999,900 CMM)
- ◆ Large dual-function 4-digit LCD with backlight for easy reading in dimly lit conditions
- ◆ Auto power-off extends battery life
- ◆ Intuitive operation with easy access to temperature and airflow functionality
- ◆ Measure air velocity and temperature in single point or averaging mode to best fit the application



**Precalibrated &
Ready to Use!**

Applications

- ◆ Analyze, balance, and troubleshoot ventilation performance in protected storage areas, home, and office environments
- ◆ Assess cooling air volume in temperature-controlled processing environments
- ◆ Measure outdoor wind velocities

Includes

Vane probe sensor with 3.9-ft (120-cm) cable, hard carrying case, one 9 V battery, and NIST-traceable certificate with data and uncertainties.

*Calibration certificate provided by InnoCal®, an ISO17025 accredited laboratory (A2LA certificate 1746.01) offering a broad range of NIST-traceable calibration services. For recalibration, call 866-466-6225 or e-mail info@innocalsolutions.com. Their full complement of services can be viewed at www.innocalsolutions.com.

Specifications

Air velocity	Range	Resolution	Accuracy
Meters per second	0.40 to 30.00	0.01	±(3% + 0.20 m/s)
Kilometers per hour	1.4 to 108.0	0.1	±(3% + 0.8 km/hr)
Feet per minute	80 to 5900	1	±(3% + 40 ft/m)
Miles per hour	0.9 to 67.0	0.1	±(3% + 0.4 MPH)
Knots	0.8 to 58.0	0.1	±(3% + 0.4 knot)
Airflow			Area
CFM (cubic feet per min)	0 to 999,900	0.001 to 100	0.000 to 999.9 ft ²
CMM (cubic meter per min)	0 to 999,900	0.001 to 100	0.000 to 999.9 m ²
Air temperature			
	32 to 122°F (0 to 50°C)	0.1°F/C	4.0°F (2.0°C)

Functions: measure, max/min/avg, hold reading

User-selectable units: ft/min, m/s, mph, km/h, knots, CFM, CMM, °F, °C

Display: dual function 4-digit LCD

Sampling rate: approximately one reading per second

Airflow memory locations: sixteen commonly used area sizes (eight for CFM and eight for CMM)

Dimensions: 8" x 3" x 2"
(20.3 x 7.5 x 5 cm)

Power: one 9 V battery, 80 hours typical battery life depending on backlight usage



Catalog number	Description
WD-20250-15	Professional CFM/CMM vane thermoanemometer



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