



**Precalibrated &
Ready to Use!**

CFM/CMM Vane Thermoanemometer

**High accuracy to enhance environmental
safety and comfort**

This vane thermoanemometer is designed for precision air velocity and airflow measurements with seven user-selectable units. This instrument helps you meet cooling and environmental requirements for safety and comfort. Its large dual display allows you to simultaneously read air velocity or airflow and air temperature. Plus, it fits comfortably in your hand.

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 (30.0 m/s)
- ♦ Measure airflow up to 999,900 CFM (999,900 CMM)
- ♦ Two memory locations (one CFM and one CMM) to store commonly used vent area sizes
- ♦ Large dual-function 4-digit LCD with backlight
- ♦ Auto power-off extends battery life

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 (1.2-m) cable, three AAA batteries, 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.

Specifications

Air velocity	Range	Resolution	Accuracy
Feet per minute (ft/min)	80 to 5900	1	±(3% + 40 ft/min)
Meters per second (m/s)	0.40 to 30.00	0.01	±(3% + 0.20 m/s)
Miles per hour (mph)	0.9 to 67.0	0.1	±(3% + 0.4 mph)
Kilometers per hour (km/h)	1.4 to 108.0	0.1	±(3% + 0.8 km/h)
Knots	0.8 to 58.0	0.1	±(3% + 0.4 knot)
Airflow	Range	Resolution	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	Range	Resolution	Accuracy
	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: two commonly used area sizes (one for CFM and one for CMM)

Dimensions: 6¾" x 2½" x 1" (16 x 6.2 x 2.1 cm)

Power: three AAA batteries, 40 hours typical battery life depending on backlight usage



Catalog number	Description
WD-20250-14	CFM/CMM vane thermoanemometer

