



**Precalibrated &  
Ready to Use!**

## Data Logging Anemometer

**Track and record air velocity measurements  
with built-in USB interface and software**

Operate as a handheld instrument or mount for flexible positioning. Takes and records precise air velocity measurements in seven user-selectable units. Easily download data to a PC for analysis and graphing. Use recorded data to enhance safety and comfort in your environment.

### Features

- ◆ Reliable measurements, guaranteed! Precalibrated to NIST-traceable standards.\*
- ◆ User-selectable units of measurement: ft/min, m/s, mph, km/h, or knots
- ◆ Measure air velocities up to 3937 ft/min (20.0 m/s)
- ◆ Adjust sampling intervals from once every two seconds to once every 24 hours
- ◆ Two modes (manual and automatic) start data logging function
- ◆ Analyze and graph logged data
- ◆ Collect up to 32,000 readings in memory
- ◆ Visual LED alerts with selectable high and low alarm levels

## Applications

- ♦ Measure and analyze component cooling air velocities
- ♦ Test and evaluate ventilation air velocities in working, living, and storage areas
- ♦ Analyze and troubleshoot ventilation performance
- ♦ Monitor outdoor wind velocities

## Includes

Data analysis software on CD, articulated screw-on mounting stand, one 3.6 V replaceable 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.

## Specifications

| Air velocity               | Range       | Resolution | Accuracy          |
|----------------------------|-------------|------------|-------------------|
| Feet per minute (ft/min)   | 80 to 3937  | 1          | ±(3% + 40 ft/min) |
| Meters per second (m/s)    | 1.1 to 20   | 0.01       | ±(3% + 0.20 m/s)  |
| Miles per hour (mph)       | 0.9 to 44.8 | 0.1        | ±(3% + 0.4 mph)   |
| Kilometers per hour (km/h) | 0.8 to 72   | 0.1        | ±(3% + 1 km/h)    |
| Knots                      | 0.8 to 38.8 | 0.1        | ±(3% + 0.4 knots) |

**Functions:** data logging, record/recall, data analysis and graphing, user-selectable sampling rate, user-defined high/low alarm indication

**Modes:** two data logging start modes: manual and automatic

**Memory:** 32,000 readings

**Alarm indication:** red LED flashes when user-defined high or low levels exceeded

**Sampling interval:** user-defined from once every two seconds up to once every 24 hours

**Dimensions:** 5<sup>3</sup>/<sub>4</sub>" x 1<sup>3</sup>/<sub>8</sub>" x 1<sup>1</sup>/<sub>8</sub>" (14.5 x 3.5 x 3.0 cm)

**Power:** one 3.6 V lithium battery



| Catalog number | Description             |
|----------------|-------------------------|
| WD-20250-22    | Data logging anemometer |

