

## **CFM/CMM** Thermo-Anemometer + IR Thermometer



Large display of Airflow or Air Velocity Plus model with built-in InfraRed Thermometer

## **Features:**

- Model AN100 CFM/CMM Thermo-Anemometer
- Model AN200 CFM/CMM Thermo- Anemometer with built-in non-contact IR Thermometer measures remote surface temperatures to 500°F (260°C) with an 8:1 distance-to-spot ratio and Laser Pointer
- Simultaneous display of Ambient Temperature and Air Flow or Air Velocity
- Up to 8 easy to set Area dimensions (ft<sup>2</sup> or m<sup>2</sup>) are stored in the meter's internal memory
- 20 point average function for Air Flow
- Super large LCD Backlit Display
- 3% velocity accuracy via low friction 2.83"D (72mm) ball bearing vane wheel on 3.9ft (120cm) cable
- Data Hold and MIN/MAX
- Auto Power off
- Complete with vane sensor with 3.9ft (120cm) cable, 9V battery, protective rubber holster, and carrying case

## **Applications:**

- HVAC installation, repair, diagnostics, and optimization.
- · Fume hood testing, installation, and verification
- · Ventilation system installation, servicing, and analysis
- Environmental wind and temperature testing/analysis
- Boiler rooms
- Ionizer flow output monitoring
- Automobile aerodynamic testing
- Plant/Facilities Maintenance



AN100 and AN200 used in HVAC applications measuring airflow from heating vents.



.....CFM/CMM Thermo-Anemometer AN100

AN100-NIST .....CFM/CMM Thermo-Anemometer w/ Calibration Traceable to NIST



AN200-NIST .....CFM/CMM Thermo-Anemometer + IR Thermometer w/ Calibration Traceable to NIST

Model AN200 features built-in

measure surface temperature

that may be hard to reach

non-contact IR Thermometer to



Specifications Range Resolution **Basic Accuracy** 0.40 to 30.00 m/s Air Velocitv 0.01 m/s ±3% m/s 1.4 to 108.0 km/h ±3% km/h 0.1 km/h 80 to 5906 ft/min ±3% ft/min 1 ft/min 0.9 to 67.2 mph 0.1 mph ±3% mph 0.8 to 58.3 knots 0.1 knots ±3% knots Air Temperature 14 to 140°F (-10 to 60°C) 0.1°F/°C ±6.0°F (3°C) InfraRed Temperature -58 to -4°F (-50 to -20°C) 0.1°F/°C ±9.0°F (5.0°C) (AN200 Only) -4 to 500°F (-20 to 260°C) 1°F/°C ±2% reading or ±2°F (°C) whichever is greater Airflow AN100 0 to 9999 CMM (m3/min) 0.1 0 to 9999 CFM (ft3/min) 0.1 AN200 0 to 999.999 CMM (m<sup>3</sup>/min) 0.1 0 to 999.999 CFM (ft3/min) 0.1 7 x 2.9 x 1.3" (178 x 74 x 33mm)/1.6lbs (700g) Dimensions/Weight

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