

## CFM/CMM Thermo-Anemometer + IR Thermometer

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

### Features:

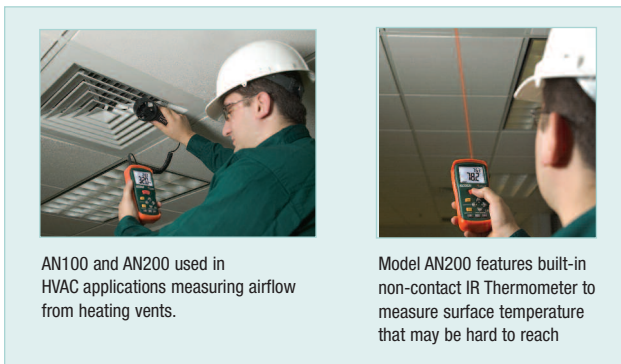
- Model AN100 — CFM/CMM Thermo-Anemometer
- Model AN200 — CFM/CMM Thermo- Anemometer with built-in non-contact IR Thermometer measures remote surface temperatures to 500°F (260°C) with an 8:1 distance-to-spot ratio and Laser Pointer
- Simultaneous display of Ambient Temperature and Air Flow or Air Velocity
- 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



**BUILT IN IR**  
**Thermometer**   
Patented



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

Model AN200 features built-in non-contact IR Thermometer to measure surface temperature that may be hard to reach

| Specifications    | Range  | Resolution                              | Basic Accuracy                                |
|-------------------|--|---|---|
| Air Velocity      | 0.40 to 30.00 m/s                              | 0.01 m/s                                | ±3% m/s                                       |
|                   | 1.4 to 108.0 km/h                              | 0.1 km/h                                | ±3% km/h                                      |
|                   | 80 to 5906 ft/min                              | 1 ft/min                                | ±3% ft/min                                    |
|                   | 0.9 to 67.2 mph                                | 0.1 mph                                 | ±3% mph                                       |
| Air Temperature   | 14 to 140°F (-10 to 60°C)                      | 0.1°F/°C                                | ±6.0°F (3°C)                                  |
|                   | InfraRed Temperature (AN200 Only)              | -58 to -4°F (-50 to -20°C)              | 0.1°F/°C                                      |
|                   | -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 (m <sup>3</sup> /min)     | 0.1   |
|                   |  | 0 to 9999 CFM (ft <sup>3</sup> /min)    | 0.1   |
|                   | AN200  | 0 to 999,999 CMM (m <sup>3</sup> /min)  | 0.1   |
|                   |  | 0 to 999,999 CFM (ft <sup>3</sup> /min) | 0.1   |
| Dimensions/Weight | 7 x 2.9 x 1.3" (178 x 74 x 33mm)/1.6lbs (700g) |   |   |

### Ordering Information:

- AN100 .....CFM/CMM Thermo-Anemometer  
 AN100-NIST .....CFM/CMM Thermo-Anemometer w/ Calibration Traceable to NIST  
 AN200 .....CFM/CMM Thermo-Anemometer + IR Thermometer  
 AN200-NIST .....CFM/CMM Thermo-Anemometer + IR Thermometer w/ Calibration Traceable to NIST



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