

## AN100/AN200™ CFM/CMM Thermo-Anemometer + IR Thermometer

These CFM/CMM Thermo-Anemometers simultaneously display Air Flow or Air Velocity plus Ambient Temperature for simplified HVAC troubleshooting, fume hood testing, and general facility maintenance. Easy-to-set area dimensions (cm<sup>2</sup> or ft<sup>2</sup>) are stored in the meter's internal memory for the next power on. The AN200 additionally features a laser pointer and a built-in, non-contact IR thermometer for measuring remote surface temperatures up to 260°C (500°F) with an 8:1 distance-to-spot ratio.



### AN100/AN200 Features

- Stores up to 8 area dimensions (cm<sup>2</sup> or ft<sup>2</sup>) in the internal memory
- Measures 20-point average function for Air Flow
- Offers 3% velocity accuracy via low friction 72 mm (2.83 in) ball bearing vane wheel on cable
- Settings include Data Hold, MIN/MAX, Auto Power off
- Complete with vane sensor with 120 cm (3.9 ft) 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
- Ionizer flow output monitoring
- Automobile aerodynamic testing
- Plant/Facilities Maintenance

Specifications	Range	Resolution	Basic Accuracy	Ordering
Air Velocity	0.40 to 30.00 m/s	0.01 m/s	±3% m/s	AN100
	1.4 to 108.0 km/h	0.1 km/h	±3% km/h	AN100-NIST
	80 to 5906 ft/min	1 ft/min	±3% ft/min	
	0.9 to 67.2 mph	0.1 mph	±3% mph	AN200
	0.8 to 58.3 knots	0.1 knots	±3% knots	
Air Temperature	-10°C to 60°C (14°F to 140°F)	0.1°C/°F	±(2°C) (4°F)	AN200-NIST
Infrared Temperature (AN200 only)	-50°C to -20°C (-58°F to -4°F) -20°C to 260°C (-4°F to 500°F)	0.1°C/°F 1.0°C/°F	±(5°C) (9°F) ±2% reading or ±2°C, whichever is greater	
Air Flow AN100	0 to 9999 CMM (m <sup>3</sup> /min) 0 to 9999 CFM (ft <sup>3</sup> /min)	0.1		AN200-NISTL
Air Flow AN200	0 to 999,999 CMM (m <sup>3</sup> /min) 0 to 999,999 CFM (ft <sup>3</sup> /min)	0.1		
Dimensions/Weight	78 × 74 × 33 mm (7.0 × 2.9 × 1.3 in)/700 g (1.6 lbs)			

