EXTECH INSTRUMENTS
A FLIR COMPANY

Experience the Extech Advantage

PRODUCT DATASHEET

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 2 or cm2) 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



Built In IR Thermometer

Patented

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.



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
	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 (AN200 Only)	-58 to -4°F (-50 to -20°C)	0.1°F/°C	±9.0°F (5.0°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^3/min)	0.1	
	0 to 9999 CFM (ft^3/min)	0.1	
AN200	0 to 999,999 CMM (m^3/min)	0.1	
	0 to 999,999 CFM (ft^3/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 with NIST Certificate
AN200 .....CFM/CMM Thermo-Anemometer + IR Thermometer
AN200-NIST .....CFM/CMM Thermo-Anemometer + IR Thermometer w/ Calibration Traceable to NIST
AN200-NISTL .....Anemometer with Limited NIST

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