

MAN-745

Thermometer Anemometer with Infrared

Overview:

The CFM/CMM Thermo-Anemometer with Infrared Thermometer measures Air Velocity, Air Flow (volume), Air Temperature (with probe) and Surface Temperature (with the Infrared function). The large, easy-to-read backlit LCD includes primary and secondary displays plus numerous status indicators. The Infrared feature includes a laser pointer for convenient targeting. In addition, the meter can store 16 area setting dimension for easy recall. Proper use of this meter will provide years of reliable service.



Features:

- MAX (top of LCD): Max Hold function engaged for the Air Temperature function
- HOLD (top of LCD): Data Hold function engaged for the Air Temperature function
- PROBE TEMP: Reminder that the top LCD digits represent Air (Vane) Temperature
- IR TEMP: Indicates that the larger LCD digits represent IR temperature measurement
- VEL: indicates that meter is in air velocity mode
- FLOW: indicates that meter is in air flow mode
- MAX (bottom of LCD): Max Hold for the IR Temperature and RH function
- HOLD (bottom of LCD): Data Hold for the IR Temperature function and RH function
- oC / oF: Temperature units of measure
- CFM/CMM: airflow units of measure
- Ft2, m2: units for area dimensions
- m/s, ft/min, km/h, MPH, knots: air velocity units of measure
- X10, X100: multipliers for air flow readings
- AVG: air averaging mode
- RECORD: indicates that min/max function is running (top for temp, bottom for air)
- Large LCD digits at center of display for Relative Humidity and IR Temperature
- Smaller LCD digits at top, right of display for Probe Temperature



Specifications:

Air Velocity	Range	Resolution	Accuracy
m/s (meters per sec)	0.40 – 30.00 m/s	0.01 m/s	± (3%rdg + 0.20 m/s)
km/h (kilometers/hour)	1.4 – 108.0 km/h	0.1 km/h	± (3%rdg + 0.8 km/hr)
ft/min (feet per minute)	80 – 5900 ft/min	1 ft/min	± (3%rdg + 40 ft/m)
mph (miles per hour)	0.9 – 67.0 mph	0.1 mph	± (3%rdg + 0.4 MPH)
knots (nautical MPH)	0.8 to 58.0 knots	0.1 knots	± (3%rdg + 0.4 knots)
Air Flow	Range	Resolution	Area
CMM	0-999999 m ³ /min	0.1	0 to 999.9m ²
CFM (cubic ft/min)	0-999999 ft ³ /min	0.1	0 to 999.9ft ²
Air Temperature	Range	Resolution	Accuracy
	14 – 140°F (-10 – 60°C)	0.1°F/C	4.0°F (2.0°C)
Infrared Temperature	Range	Resolution	Accuracy
	-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)		±2% reading or ±4°F (2°C) whichever is greater



Package includes:

- 9V battery
- Soft case.