



CEM DT-620 CFM/CMM Thermo-Anemometer with Infrared Thermometer



SKU: CEMDT620GY
Manufacture warranty period: 12 months

Description:

The CFM/CMM Thermo Anemometer with Infrared Thermometer measure 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/Min/Avg value with relative time stamp
- Built-in non-contact IR Thermometer measures remote surface temperature to 500°F (260°C) and 8:1 distance to spot ratio.
- Low battery indication and Auto Power Off
- Display Air Flow (CFM/CMM), or Air Velocity plus Temperature simultaneously
- Simultaneous display of Air Flow or Air Velocity plus Ambient Temperature
- Easy to set Area dimensions (cm²) are stored in the meter's internal memory for the next power on
- Resolution of 0.01m/sec
- 20 points average 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
- High Sensitive and Accurate



Specifications:

Air Velocity

- **Unit: m/s(meter per second)**
 - Range: 0.40~30.00
 - Accuracy: $\pm 3\% \pm 0.20\text{m/s}$
- **Unit: ft/min (feet per minute)**
 - Range: 80~5900
 - Accuracy: $\pm 3\% \pm 40\text{ft/min}$
- **Unit: km/h (kilometers per hour)**
 - Range: 1.4~108.0
 - Accuracy: $\pm 3\% \pm 0.8\text{km/h}$
- **Unit: MPH (miles per hour)**
 - Range: 0.9~67.0
 - Accuracy: $\pm 3\% \pm 0.4\text{MPH}$
- **Unit: Knots (nautical miles per hour)**
 - Range: 0.8~58.0
 - Accuracy: $\pm 3\% \pm 0.4\text{knots}$

Air Flow

- **CFM**
 - Range: 0-999900
 - Area: 0-999.9 ft²
- **CMM**
 - Range: 0-999900
 - Area: 0-999.9 m²

Air Temperature

- Range: 14-140°F(-10-60°C)
- Accuracy: $\pm 4.0^\circ\text{F}(2.0^\circ\text{C})$

Infrared Temperature

- Range: -58 to -4°F (-50 to -20°C); Accuracy: $\pm 9.0^\circ\text{F}(5.0^\circ\text{C})$
- Range: -4 to 500°F (-20 to 260°C); Accuracy: $\pm 2\%$ reading or $\pm 4^\circ\text{F}(2^\circ\text{F})$

Dimensions:

- Main instrument: 7.0 x 2.9 x 1.2" (178 x 74 x 33mm)
- Sensor Head: 2.75" (70mm) Diameter
- Fan Probe cable: 120cm long
- Weight: 1.6 lbs. (725g) including battery & probe

Standard Certification:

- CE
- EMC
- EN: 61326

Package includes:

- Anemometer & Fan probe
- User's manual x 1
- 9V Battery x 1
- Carrying case

