

GENERAL®

Data Logging Hot Wire Anemometer w/ CFM/CMM and 8:1 IR Thermometer

Ideal for measuring speed, volume and temperature of slow-moving air

Features & Benefits:

- Data logging capacity: 20,000 data points via USB interface
- Measures air flow volume up to 2.5 million CFM (72,000 CMM)
- Hot wire sensor detects even the slightest (2.0 ft./min) air movement; also measures ambient temperature
- Five available air speed units: ft./min, m/sec, mph, km/hr, knots
- 8:1 IR thermometer with laser pointer has measurement range of -25° to 999°F (-32° to 537°C)

Includes:

USB cable, PC Interface Software, AC Adapter, 1 "9V" Battery, Hard Carrying Case, User's Manual and Warranty

RoHS  CE

No. CIH20DL



Large backlit LCD simultaneously displays air flow volume or speed from hot wire sensor plus remote surface temperature from IRT

 **CALRIGHT
INSTRUMENTS**

The Right Source For Your Test & Measurement Needs

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Data Logging Hot Wire Anemometer w/ CFM/CMM and 8:1 IR Thermometer

Ideal for measuring speed, volume and temperature of slow-moving air

Specifications:

Air Flow Volume Measurement Range/Resolution:
0 to 2,542,700 CFM (0 to 72,000 CMM)/0.01 CFM (0.001 CMM)

Air Speed Measurement Range:
2.0 to 7874 ft./min (20mm/sec to 40m/sec)

Air Speed Measurement Accuracy: $\pm 3\% + 5.9$ ft./min (0.03m/sec)

IRT Distance-To-Spot (D:S) Ratio: 8:1

IRT Emissivity: 0.95 (fixed)

IRT Measurement Range: -25° to 999°F (-32° to 537°C)

IRT Measurement Accuracy:
 $\pm 5.4^\circ\text{F}$ ($\pm 3^\circ\text{C}$) from -25° to -4°F (-32° to -20°C);
 $\pm 3.6^\circ\text{F}$ ($\pm 2^\circ\text{C}$) from -4° to 212°F (-20° to 100°C);
 $\pm 2\%$ from 212° to 999°F (100° to 537°C)

IRT Measurement Resolution: 0.1°(F or C)

IRT Response Time: 0.5 seconds, max

Hot Wire Sensor Temperature Measurement Range/Accuracy:
32° to 158°F (0° to 70°C)/ $\pm 1.5^\circ\text{F}$ ($\pm 0.8^\circ\text{C}$)

Resolution: 0.1°F (0.1°C)

Memory: Nine readings + Max/Min/Avg + Data Hold

Extended Length of Telescoping Hot Wire Probe:
70.8 in. (1.8m)

Dimensions:
7.24 x 2.75 x 1.57 in. (184 x 70 x 40mm)

Weight: 11.3 oz. (320g)

Power Source: 1 "9V" battery (included)

RoHS



No. CIH20DL



A low-speed squirrel cage blower motor



Enables minimally invasive duct flow testing



Air movers wrapping up a water damage restoration project

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