

# Heavy Duty Vane CFM Thermo-Anemometers

Standard Vane or Mini-Vane on telescoping probe easily fits into high temperature ducts

## Features:

- Display Air Flow (CFM/CMM) or Air Velocity plus °F/°C Temperature
- High resolution of 0.01m/s
- 20 point averaging for airflow
- **Model 407117** with telescoping 1/2" diameter metal mini-vane sensor operates in air flows to 2358ft/min and temperatures to 176°F (80°C)
- **Model 407114** includes 2.83"D plastic vane (max 122°F, 50°C) for wider airflow ranges
- Low friction ball bearing vane wheel for high accuracy
- 2% velocity accuracy and 1.5°F/0.8°C temperature accuracy
- Record/Recall MIN and MAX readings
- Super large (9999 count) LCD display
- Data Hold plus Auto shut off
- 9V battery power or optional AC adaptor
- Built-in RS-232 PC serial interface with optional Data Acquisition software
- Complete with telescoping mini-vane probe (model 407117), vane wheel sensor (model 407114), 9V battery and protective rubber holster with stand



Specifications	407117 Ranges	407114 Ranges
Airflow ranges:	160 to 2358ft/min 1.8 to 26.8MPH 1.6 to 23.3knots 0.8 to 12.00m/s 2.8 to 43.2km/h	80 to 4921ft/min 0.9 to 55.9MPH 0.8 to 48.6knots 0.4 to 25.00m/s 1.4 to 90.0km/h
Air Volume:	0 to 999,900CFM (ft <sup>3</sup> /min) 0 to 999,900CMM (m <sup>3</sup> /min)	0 to 999,900CFM (ft <sup>3</sup> /min) 0 to 999,900CMM (m <sup>3</sup> /min)
Temperature:	32.0 to 176.0°F 0.0 to 80.0°C	32.0 to 122.0°F 0.0 to 50.0°C
Power:	9V battery or optional AC adaptor	
Dimensions:	7x2.9x1.3" (178x74x33mm)	
Weight:	1.6lbs (700g)	

## Ordering Information:

- 407114 .....Heavy Duty CFM Thermo-Anemometer  
 407114-NIST .....Heavy Duty CFM Thermo-Anemometer w/NIST Certificate  
 407117 .....Heavy Duty Mini-Vane Thermo-Anemometer  
 407117-NIST .....Mini-Vane Thermo-Anemometer with NIST Certificate  
 156119 .....117 VAC Adaptor  
 409997 .....Soft Vinyl Pouch Carrying Case  
 140001 .....Hard Vinyl Carrying Case with handle  
 407001 .....Data Acquisition program and cable

