



Extech's anemometers with CFM capabilities allow you to input the measured area of a duct and automatically display air volume flow. Select vane type or hot wire sensors.

### Featuring Models with:

#### CFM/CMM

(Cubic ft/min / Cubic m/min) To determine air "flow" or air "volume"

#### Mini Vane Design

For direct placement inside heating ducts

#### High Temperature

Metal vane for higher temperature and velocity

#### Built-in Datalogger

Stores over 1000 records

#### PC Interface

To view and record trends



407114  
\$249

### Heavy Duty CFM Vane Anemometer

Large vane for higher airflow ranges

- Display Air Flow (CFM/CMM) or Air Velocity plus Temperature simultaneously
- 20 point averaging for airflow
- Low friction ball bearing vane wheel for high accuracy
- MIN/MAX readings
- Data hold and Auto power off
- Built-in RS-232 PC Interface
- Optional Data Acquisition software and datalogger (shown on right side of page)
- Complete with vane sensor with 3.9ft (120cm) cable, 9V battery, and protective holster with stand; (Optional AC adaptors 156119, and 156221 - see page 72)



407113  
\$299

### Heavy Duty CFM Metal Vane Anemometer

Withstands temperatures to 175°F (80°C) and airspeed to 7880ft/min

- Display Air Flow (CFM) or Air Velocity plus Temperature
- Air Flow displayed in 3 modes:
  - Instantaneous value
  - Up to 20 point average or
  - 2/3 flow value
- Record and Recall MIN, MAX
- Data Hold plus Auto power off
- Built-in RS-232 PC Interface
- Optional Data Acquisition software and datalogger (shown on right side of page)
- Complete with metal vane sensor with 3.9ft (120cm) cable, 9V battery, and holster with stand; (Optional AC adaptors 156119, and 156221 - see page 72)

### 407113 Heavy Duty CFM Thermo-Anemometer

with its metal vane, this meter is perfect for measuring air velocity and air flow volume in high temperature and high velocity heating ducts.

### Specifications

Model	407114	407113
Display counts:	9999 count LCD	9999 count LCD
Ranges (Max Resolution):		
ft/min:	80 to 4930 (1)	100 to 7880 (1)
m/sec:	0.4 to 25.00 (0.01)	0.5 to 40 (0.1)
km/h:	1.4 to 90.0 (0.1)	1.8 to 144.0 (0.1)
MPH:	0.9 to 56 (0.1)	1.1 to 89.4 (0.1)
knots:	0.8 to 49 (0.1)	1.0 to 78.1 (0.1)
Temperature °F/°C:	32.0 to 122.0 °F (0.1°) / 0.0 to 50.0°C (0.1°)	32 to 175 °F (0.1°) / 0 to 80°C (0.1°)
Air Flow (CFM = ft <sup>3</sup> /min):	0 to 999.900CFM (0.001)	0 to 999.900CFM (0.001)
Air Flow (CMM = m <sup>3</sup> /min):	0 to 999.900CMM (0.001)	0 to 999.900CMM (0.001)
Basic Accuracy:	±2%rdg; ±1.5°F (±0.8°C)	±2%rdg; ±1.5°F (±0.8°C)
Dimensions/Weight:	7x2.9x1.3" (178x74x33mm)/1.6lbs (700g)	7x2.9x1.3" (178x74x33mm)/1.35lbs (612g)
CE:	Yes	Yes
Warranty:	3 years	3 years
Price:	\$249	\$299

### NIST Certificate \$95

For an additional charge, Extech will supply your meter complete with a Certificate of Calibration Traceable to N.I.S.T.

To order meter with NIST, add "-NIST" to the meter part number and add \$95 to the cost of your meter. (i.e. 407113-NIST \$394).



**407117**  
**\$459**

**NEW!**



**407119**  
**\$459**



**451126**  
**\$299**

## Heavy Duty CFM, Mini-Metal Vane Anemometer

Telescoping probe easily fits into high temperature ducts

- Display Air Flow (CFM/CMM) or Air Velocity plus Temperature
- 20 point averaging for airflow
- Telescoping 0.5" (13mm)D metal mini-vane sensor extends up to 1.9ft (59cm) long
- MIN/MAX readings
- Data hold and Auto power off
- Built-in RS-232 PC Interface
- Optional Data Acquisition software and datalogger (shown on right side of page)
- Complete with telescoping mini-vane probe with 3.9ft (120cm) cable, 9V battery, and holster with stand; (Optional AC adaptors 156119, and 156221 - see page 72)

## Heavy Duty CFM Hot Wire Anemometer

Accurately measures Air Flow (CFM/CMM) or Air velocity plus °F/°C Temperature

- Air velocity measurements as low as 40ft/min
- Telescoping probe is ideal for use in ducts and ventilating systems; extends up to 4ft (1.22m) long
- 20 point averaging for airflow
- Record and recall MIN/MAX readings
- Data Hold plus Auto power off
- Built-in RS-232 PC Interface
- Optional Data Acquisition software and datalogger (shown on right side of page)
- Complete with telescoping probe with 3.9ft (120cm) cable, six AAA batteries and protective holster

## CFM Vane Anemometer Datalogger

Measures Air Velocity, or Air Volume and Temperature with built-in Datalogger and RS-232 PC Interface

- Dual Display provides "Air velocity + Temperature" or "Air flow + Area"
- Measures air flow in CFM (ft<sup>3</sup>/min) and CMM (m<sup>3</sup>/min)
- Internal 1000 point datalogger plus built-in RS-232 PC interface
- MAX/MIN/AVG readings
- Complete with vane probe, Windows<sup>®</sup> 95/98/NT/2000/ME/XP compatible software, cable, 9V battery and carrying case

### Data Acquisition Software



**407001**  
**\$69**

- Enables user of Extech's Heavy Duty series to capture, display and store readings on a PC
- Sampling time: 1 sec to 60 mins
- Import data into Lotus or Excel
- Includes Windows<sup>®</sup> 95/98/NT/2000 compatible software on CD-ROM and serial cable

### Battery Operated Datalogger

**380340**  
**\$199**



- Captures up to 8000 readings from Extech's Heavy Duty meters
- Selectable sampling rates (1 sec. to 99 hours)
- Complete with 4 AA batteries, Windows<sup>®</sup> 95/98/2000/ME/NT/XP software and cable. Optional AC Adaptor (p.72)

### Specifications

407117	407119	451126	Model
9999 count LCD	9999 count LCD	9999 count LCD	Display counts
160 to 2358 (1)	40 to 3940 (1)	60 to 8800 (2)	Ranges (Max Resolution)
0.8 to 12.00 (0.01)	0.2 to 20 (0.1)	0.3 to 45 (0.01)	ft/min
2.8 to 43.2 (0.1)	—	1 to 140 (0.04)	m/sec
1.8 to 26.8 (0.1)	0.9 to 44.7 (0.1)	0.7 to 100 (0.02)	km/h
1.6 to 23.3 (0.1)	0.4 to 33.8 (0.1)	0.6 to 88 (0.02)	MPH
32.0 to 176.0 °F (0.1°) / 0.0 to 80.0°C (0.1°)	32 to 122°F (0.1°) / 0 to 50°C (0.1°)	32 to 122°F (0.4°) / 0 to 50°C (0.2°)	knots
0 to 999,900CFM (0.001)	0 to 999,900CFM (0.001)	0 to 999,900CFM (0.001)	Temperature °F/°C
0 to 999,900CMM (0.001)	0 to 999,900CMM (0.001)	0 to 999,900CMM (0.001)	Air Flow (CFM = ft <sup>3</sup> /min)
±2%rdg; ±1.5°F (±0.8°C)	±1%FS or ±5%rdg; ±1.5°F (±0.8°C)	±3%; ±1.8°F (±1°C)	Air Flow (CMM = m <sup>3</sup> /min)
7x2.9x1.3" (178x74x33mm)/1.6lbs (700g)	7x2.9x1.3" (178x74x32mm)/1.1lbs (482g)	6.6x3.5x1" (168x88x26mm)/1.5lbs (680g)	Basic Accuracy
Yes	Yes	Yes	Dimensions
3 years	3 years	1 year	CE
<b>\$459</b>	<b>\$459</b>	<b>\$299</b>	Warranty
			Price