



Heavy Duty CFM Metal Vane Anemometer

High Temperature Metal Vane

Withstands temperatures to 175°F (80°C) and airspeed to 78.3MPH (6890ft/min)

Features:

- Display Air Flow (CFM) or Air Velocity plus Temperature simultaneously
- Air Flow displayed in 3 modes:
 - Instantaneous value
 - Up to 20 point average
 - 2/3 flow value
- Super large (9999 count) LCD display
- · 2% velocity accuracy via low friction ball bearing vane wheel on 39" (1m) cable
- Record/Recall MIN, MAX readings
- Data Hold plus Auto power off
- 9V battery power or optional AC adaptor
- Built-in RS-232 PC serial interface with optional Data Acquisition software
- · Complete with 9V battery, protective rubber holster with stand, hard carrying case and metal vane sensor with 3.9ft (120cm) cable





| Specifications | Range | Resolution | Basic Accuracy |
|----------------------------|----------------------------------|------------|-----------------|
| Air Velocity | | | |
| m/s | 0.5 to 35m/s | 0.01m/s | ±2%rdg |
| ft/min | 100 to 6890ft/min | 1ft/min | ±2%rdg |
| MPH | 1.1 to 78.3MPH | 0.1MPH | ±2%rdg |
| knots | 1.0 to 68knots | 0.1knots | ±2%rdg |
| km/h | 1.8 to 126km/h | 0.1km/h | ±2%rdg |
| Temperature | 32 to 175°F (0 to 80°C) | 0.1° | ±1.5°F (±0.8°C) |
| Airflow | | | |
| CFM = ft ³ /min | 0 to 999,900CFM | 0.001 | |
| CMM = m ³ /min | 0 to 999,900CMM | 0.001 | |
| Dimensions | 7 x 2.9 x 1.3" (178 x 74 x 33mm) | | |
| Weight | 1.6lbs (0.7kg) | | |

Ordering Information:

| | Heavy Duty CFM Metal Vane Anemometer |
|-----------|--|
| 407113-NI | ST407113 with Calibration Traceable to NIST |
| 156119 | 117V AC Adaptor |
| 156221 | 220V AC Adaptor |
| 409997 | Soft Vinyl Pouch Carrying Case |
| 140001 | Replacement Hard Vinyl Carrying Case with handle |
| 407001 | Data Acquisition program and cable |
| 380340 | Battery Öperated Datalogger Module |





