The Hot Wire Anemometer accurately measures air flow in either cubic feet or cubic meters per minute plus temperature. The hot wire anemometer can measure air velocities as low as 40 ft/min. The hot wire air flow meter has a telescoping probe that extends up to 4 feet (1.22m) and is ideal for measuring ducts and ventilating systems.

The Hot Wire Anemometer has a 20 point averaging feature. The large LCD screen on the hot wire anemometer displays air flow or air velocity plus temperature. The hot wire air flow meter can record and recall both minimum and maximum readings. The hot wire anemometer also has a data hold and automatic shut off mode after 15 minutes of inactivity. The hot wire air flow meter has a built-in RS-232 PC serial interface for optional Hot Wire Anemometer datalogger and PC data acquisition and analysis software.

The optional Hot Wire Anemometer Datalogger can record up to 8000 readings with a selectable sampling rate from 1 second to 60 minutes. Using the data acquisition software the hot wire anemometer can capture, display, and store readings on a PC. The sampling time of the hot wire air flow meter can be set from 1 second to 60 minutes. The data can be exported to standard spreadsheets.

- Measure air velocities as low as 40ft/min
- Telescoping probe is ideal for use in ducts and ventilating systems
- Measure air flow plus temperature simultaneously
- Instantaneous or average readings
- Data hold with automatic power off
- Optional Data Acquisition Software and Datalogger

**Specifications**

- **Air Flow:**
  - CMM: Range: 0 – 36,000 m³/min, Resolution: 0.001 to 30.0 m³, Accuracy: ±(5% + 5 digits)
  - CFM: Range: 0 – 1,271,200 ft³/min, Resolution: 0.01 to 100, Accuracy: ±(5% + 100 digits)
- **Air Velocity:**
  - m/s: Range: 0.2 – 17.0 m/s, Resolution: 0.1, Accuracy: ±(5% + 5 digits)
  - ft/min: Range: 40 – 3346 ft/min, Resolution: 1, Accuracy: ±(5% + 100 digits)
- **Air Temp:**
  - Rng: 32 to 122°F (0 to 50°C), Resolution: 0.1°F/0.1°C, Accuracy: ±1.5°F (±0.8°C)
- **Display:** Dual function 5-digit LCD
- **Measurement units:** Air Velocity: ft/s, km/h, m/s, mph; Air Flow: CMM (m³/min) and CFM (ft³/min); Temperature: °C and °F
- **Data Hold:** Freezes displayed reading
- **Sampling rate:** Display update rate: 1 second (approx.)
- **Sensors:** Air velocity and temperature sensors: Thermistor type
- **MAX/MIN Memory:** Record and view Maximum and Minimum readings
- **Average feature:** Averages up to 20 readings
- **Automatic Power off:** Auto shut off after 15 minutes
- **Data Output:** RS-232 PC serial interface with 16-bit data stream output
- **Operating Temp.:** 32 to 122°F (0 to 50°C)
- **Operating Humidity:** Max. 80% Relative Humidity
- **Power Supply:** Four (4) AA 1.5V batteries or optional AC adaptor
- **Power Current:** 70mA DC (approx.)
- **Weight (meter only):** 1.15 lbs, (521g) with batteries installed
- **Dimensions:** Main instrument: 7.9 x 3.0 x 1.5” (200.0 x 76.2 x 36.8mm) Telescoping Sensor: 0.5” (12.7mm) diameter head Min length of sensor: 8” (200mm), Max. length: 37” (0.94m) with 5.5’ (1.7m) cable

**Options and Accessories**

- 407119 Hot Wire Anemometer
- 407001 Data Acquisition Software
- 380340 Hot Wire Anemometer Datalogger
- 140001 Hot Wire Anemometer Hard Vinyl Carrying Case