

# Hot Wire CFM Thermo-Anemometer/Datalogger

 **Records data on an SD card in Excel<sup>®</sup> format**  
For easy transfer to a PC for analysis

## Features:

- Air Velocity/Air Flow meter with telescoping probe designed to fit into HVAC ducts and other small openings
- Datalogger date/time stamps and stores readings on an SD card in Excel<sup>®</sup> format for easy transfer to a PC
- Probe extends up to 7.05ft (215cm) maximum length with cable
- Adjustable data sampling rate: 1 to 3600 seconds
- Stores 99 readings manually and 20M readings via 2G SD card
- Type K/J Thermocouple input for high temperature measurements
- Large (9999 count) LCD displays Air Velocity or Air Flow and Temperature simultaneously
- Record/Recall MIN, MAX readings
- Data Hold plus Auto power off with disable function
- Built-in PC interface
- Complete with 6 x AA batteries, SD card, 3.1ft (95cm) fully extended telescoping probe with 3.9ft (120cm) cable, and hard carrying case



| Specifications                | Range                                    | Resolution       | Basic Accuracy      |
|-------------------------------|--|------------------|---------------------|
| Air Velocity                  |  |                  |                     |
| m/s                           | 0.2 to 25m/s                             | 0.01m/s          | ±5%rdg              |
| ft/min                        | 40 to 3940ft/min                         | 1ft/min          | ±5%rdg              |
| MPH                           | 0.5 to 45MPH                             | 0.01MPH          | ±5%rdg              |
| knots                         | 1 to 31knots                             | 0.01knots        | ±5%rdg              |
| km/h                          | 0.7 to 72km/h                            | 0.01km/h         | ±5%rdg              |
| CFM (feet <sup>3</sup> /min)  | 0 to 1,907,000 CFM                       | 0.001 to 100 CFM |                     |
| CMM (meter <sup>3</sup> /min) | 0 to 54,000 CMM                          | 0.001 to 1 CMM   |                     |
| Temperature                   | 32 to 122°F (0 to 50°C)                  | 0.1°             | ±1.5°F (±0.8°C)     |
| Type K Temperature            | -148 to 2372°F (-100 to 1300°C)          | 0.1°             | ±(0.4% + 1.8°F/1°C) |
| Type J Temperature            | -148 to 2192°F (-100 to 1200°C)          | 0.1°             | ±(0.4% + 1.8°F/1°C) |
| Memory                        | 20 Million data records using 2G SD card |                  |                     |
| Dimensions                    | 7.2 x 2.9 x 1.9" (182 x 73 x 47.5mm)     |                  |                     |
| Weight                        | 23.1oz (655g)                            |                  |                     |

## Ordering Information:

- SDL350** .....Hot Wire CFM Thermo-Anemometer  
**SDL350-NIST** .....SDL350 with Certificate Traceable to NIST  
**872502** .....Type J Bead Wire Probe (-328 to 392°F/-200 to 200°C)  
**TP870** .....Type K Bead Wire Probe (-40 to 482°F/-40 to 250°C)  
**TP200** .....Type K Clamp Probe (-4 to 200°F/-20 to 93°F)  
**TP400** .....Type K Clamp Probe (-4 to 450°F/-20 to 232°C)  
**153117** .....117V AC Adaptor  
**UA100-240** .....100-240V AC Adaptor with 4 plugs (US, EU, UK, AU)

