# Vane Thermo-Anemometer/Datalogger

***Records data on an SD card in Excel® format***

*For easy transfer to a PC for analysis*

## Features:

- Measures Air Temperature to 122°F (50°C) and air velocity to 4930ft/min
- Datalogger date/time stamps and stores readings on an SD card in Excel® format for easy transfer to a PC
- 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 and Temperature simultaneously
- 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 with disable function
- Built-in PC interface
- Complete with 6 x AA batteries, SD card, vane sensor with 3.9ft (120cm) cable, and hard carrying case

Typical application of measuring air velocity and temperature in HVAC

| Specifications | Range | Resolution | Basic Accuracy |
|---|---|---|---|
| Air Velocity | | | |
| m/s | 0.4 to 25m/s | 0.01m/s | ±2%rdg |
| ft/min | 80 to 4930ft/min | 1ft/min | ±2%rdg |
| MPH | 0.9 to 55.9MPH | 0.1MPH | ±2%rdg |
| knots | 0.8 to 48.6knots | 0.1knots | ±2%rdg |
| km/h | 1.4 to 90.0km/h | 0.1km/h | ±2%rdg |
| 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 | 20,000K data records using 2G SD card | | |
| Dimensions | 7.2 x 2.9 x 1.9" (182 x 73 x 47.5mm) | | |
| Weight | 16.9oz (480g) | | |

## Ordering Information:

**SDL310** .....Vane Thermo-Anemometer/Datalogger
**SDL310-NIST** .....SDL310 with NIST Certificate

**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)

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CE 3 YEARS WARRANTY



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