

Metal Vane Thermo-Anemometer/Datalogger

 **Records data on an SD card in Excel[®] format**
For easy transfer to a PC for analysis

Features:

- Metal Vane withstands temperatures to 158°F (70°C) and air velocity to 6900ft/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
- Complete with 6 x AA batteries, SD card, metal 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 35m/s	0,1m/s	±2%rdg
ft/min	60 to 6900ft/min	1ft/min	±2%rdg
MPH	0,7 to 78,2MPH	0,1MPH	±2%rdg
knots	0,6 to 68knots	0,1knots	±2%rdg
km/h	1,0 to 126,0km/h	0,1km/h	±2%rdg
Temperature			
	32 to 158°F (0 to 70°C)	0,1°	±1,5°F/0,8°C (<60°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	20M data records using 2G SD card		
Dimensions	7,2 x 2,9 x 1,9" (182 x 73 x 47,5mm)		
Weight	17,2oz (487g)		

Ordering Information:

- SDL300.....Metal Vane Anemometer/Datalogger
 SDL300-NISTSDL300 w/Certificate of Calibration Traceable to NIST standards
 872502Type J Bead Wire Probe (-328 to 392°F/-200 to 200°C)
 TP870Type K Bead Wire Probe (-40 to 482°F/-40 to 250°C)
 TP200Type K Clamp Probe (-4 to 200°F/-20 to 93°F)
 TP400Type K Clamp Probe (-4 to 450°F/-20 to 232°C)
 153117117V AC Adaptor \
 UA100-240100-240V AC Adaptor with 4 plugs (US, EU, UK, AU)

