



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## Metal Vane Thermo-Anemometer/Datalogger

 **Records data on an SD card in Excel<sup>®</sup> 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<sup>®</sup> 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-NIST .....SDL300 w/Certificate of Calibration Traceable to NIST standards  
 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)

