



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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Hygro-Thermometer/Datalogger

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

Features:

- Relative Humidity, Temperature, Dew Point, and Wet Bulb measurement
- 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 SD card
- Type K/J Thermocouple input for high temperature measurements
- Large backlit dual LCD display
- Record/Recall MIN, MAX readings
- Data Hold plus Auto power off with disable function
- Complete with 6 x AA batteries, SD card, carrying case and Humidity/Temperature probe



Accurately measure temperature and humidity in environmentally sensitive areas

Specifications	Range	Resolution	Basic Accuracy
Humidity	5% to 95%	0.1%	±3%
Temperature	32 to 122°F (0 to 50°C)	0.1°	±1.8°F (±1°C)
Dew Point	-13.5 to 120.1°F (-25.3 to 48.9°C)	0.1°	calculated
Wet Bulb	-6.9 to 122°F (-21.6 to 50°C)	0.1°	calculated
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	23.1oz (655g)		

Ordering Information:

- SDL500**Hygro-Thermometer/Datalogger
SDL500-NISTSDL500 with NIST Certificate
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)

