

# 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-NIST** .....SDL500 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)

