

## Light Meter/Datalogger

**Records data on an SD card in Excel<sup>®</sup> format**  
 For easy transfer to a PC for analysis

### Features:

- Wide range to 10,000Fc or 100kLux
- Cosine and color-corrected measurements
- Utilizes precision silicon photo diode and spectral response filter
- Datalogger date/time stamps and stores readings on an SD card in Excel<sup>®</sup> format for easy transfer to a PC
- Offset adjustment used for zero function to make relative measurements
- 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 backlit LCD display
- 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, hard carrying case and light sensor with 45" (1.1m) cable and protective cover



Measures a wide range of light conditions

Specifications	Range	Resolution	Basic Accuracy
Fc Range	200, 2000, 10kFc	0.1Fc	±4%rdg
Lux Range	2000, 20k, 100kLux	1Lux	±4%rdg
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	16.2oz (475g)		

### Ordering Information:

- SDL400** .....Light Meter/Datalogger  
**SDL400-NIST** .....SDL400 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)

