



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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SDL470 UVA/UVC Light Meter/Datalogger



Extech's compact UV Light Meter includes two types of probes: one to measure UVA (long wave 365nm) and the other to measure UVC (short wave 254nm) light sources up to 20mW/cm². The SDL470 date/time stamps and stores files onto an SD card in MS Excel[®] format to make transferring, storing, and analyzing the data on your PC easier. The unit also has a Type K/J thermocouple input to capture temperature readings (temperature probes not included).



Features

- UVA probe captures long-wave 365nm UV irradiance measurements under a UVA (black light) source
- UVC probe captures short-wave 254nm UV irradiance measurements under a UVC light source
- Cosine correction filter and metal housing
- Offset adjustment used for zero function or to make relative measurements
- Adjustable data sampling rate: 1 to 3600 seconds
- Memory stores 99 readings manually
- Datalogging feature records readings with date and time stamp on an SD card (included) in Excel[®] format
- Type K/J Thermocouple input for temperature measurements (probes sold separately)
- Large backlit LCD display
- Record/Recall MIN, MAX readings
- Data Hold plus Auto power off with disable function
- Complete with built-in tilt stand, SD memory card, UVA light sensor with protective cover, UVC light sensor, hard case, Universal AC adaptor, and 6 x AA batteries

Specifications	Range	Max Resolution	Basic Accuracy
UVA Range	2mW/cm ² , 20mW/cm ²	0.001mW/cm ²	±4% FS
UVC Range	2mW/cm ² , 20mW/cm ²	0.001mW/cm ²	±4% FS
Frequency Bandwidth	365nm (UVA); 254nm (UVC)		
Type K Temperature	-148 to 2372°F (-100 to 1300°C)	0.1°F/°C	±(0.4%±1.8°F/1°C)
Type J Temperature	-148 to 2192°F (-100 to 1200°C)	0.1°F/°C	±(0.4%±1.8°F/1°C)
Memory	Datalog readings on SD card (included)		
Dimensions/ Weight	7.2 x 2.9 x 1.9" (182 x 73 x 47.5mm)/ 16.2oz (475g)		

Ordering

SDL470 UVA/UVC Light Meter/Datalogger
 TP875 Type K Thermocouple Bead Wire Temperature Probe -58 to 1000°F (-50 to 538°C)

