SPER SCIENTIFIC

Advanced Visible Light SD Card Logger

Records data onto removable SD Cards

Reads lux, foot candles and functions as a type K or J thermometer. A new advanced function compensates for the difference in tungsten, fluorescent, mercury and daylight ensuring highly accurate readings under various light sources. Records data onto standard SD memory cards (like a digital camera). When full, simply exchange SD cards for unlimited data storage. The removable SD card is easy to transport and insert into a computer's memory card slot or SD card reader. Uploads pre-formatted data to Excel, without the need for additional software and cables. Additional SD cards are readily available in a variety of memory sizes. Each data set includes lux or foot-candle reading, time and date. Features push-button zero adjustment, min/max, autoranging, auto power off, low battery indicator and hold function. Also reads thermocouple temperature with optional probes. This well-made unit is extremely accurate with fast response times, and includes a fold-out easel back and large, easy-to-read backlit LCD. Comes ready to use in a soft carrying, case complete with a detachable color corrected probe that meets the C.I.E. photopic spectrum, 6 AA batteries, instruction manual, and an SD card. Uses optional USB Power Cable (840058) or AC Adapter (840097). N.I.S.T. Traceable Certificate of Calibration available.

No.	Description
850005	**Advanced Visible Light SD Card Logger**
850005C	**Advanced Visible Light SD Card Logger Certified**
800060–97	Type K/J Thermocouple Probes
840058	USB Power Cable
840097	AC Adapter
840059	SD Card
840090	Water Resistant Instrument Pouch
840093	Field Tripod

		Range	Resolution	Accuracy
		2,000	1	
Lux		20,000	10	±(4%RDG + 2DGT)
		100,000	100	
		200	0.1	
Foot Candle		2,000	1	±(4%RDG + 2 foot candle)
		10,0001	10	±(4%RDG +20 foot candle)
Type K		-58 to 2372°F, -50 to 1300°C	0.1	±(0.4% FS + 1°C) ±(0.4% FS + 1.8°F)
Type J		-58 to 2192°F, -50 to 1200°C		
Dimensions		7" × 2¾" × 1¾" (178 × 70 × 44 mm)		
Weight		1 lb. (0.45 kg)		

Scan this QR code to view our product demo.