

Light Meter with RS-232 Output

Monitor light levels anywhere with fast, stable, accurate measurements

- Easy-to-read extra-large 1½" (38.1 mm) LCD for quick data interpretation
- Features bar graph, low battery, and overrange indications
- Hermetically sealed color- and cosine-corrected sensor meets CIE photopic spectrum
- RS-232 output capabilities and auto power-off function
- Min/Max, hold, and external zero adjustment
- Built-in tripod back-mount for additional flexibility
- Optional software for further analysis and expanded data storage

SPECIFICATIONS	
Fc range	0 to 40,000
Lux range	0 to 400,000
Resolution	0.001 fc; 0.01 lux
Accuracy	±3% of reading + 0.5 FS
Output	RS-232
Display	LCD
Dimensions (W x H x D)	2¾" x 8" x 1¼" (68 x 200 x 30 mm)
Power	One 9 V battery

What's included: Detachable sensor with cover, soft case with shoulder strap, and one 9 V battery.

Catalog No.	Model No.	Description
TS-01598-20	840020	Light meter, footcandle / lux
Accessories		
TS-01628-52	840093	Field tripod
TS-10519-00	850080	Software
TS-10518-99	840094	RS-232 to USB adapter cable
TS-94471-25	840090	Water-resistant instrument pouch
TS-09386-04	—	Replacement batteries, 9 V. 4/pk
TS-17111-44	—	NIST-traceable calibration with data



01598-20

UV-A/B and UV-C Light Meters

Accurately monitor UV light intensity

- Automatically store up to 20 data points at settable intervals
- Zero point reset, hold, and low-battery indicator
- Dual backlit LCD displays μW or mW/cm^2
- Simultaneously view Min/Max, average, and recorded data

SPECIFICATIONS	
Range	1 $\mu\text{W}/\text{cm}^2$ to 40.00 mW/cm^2
Resolution	1 μW and 0.01 mW/cm^2
Accuracy	±4% ±1 digit (at 23±5°C)
Wavelength	850009: 280 to 400 nm 850010: 220 to 275 nm
Calibration point	850009: 365 nm 850010: 254 nm
Dimensions (W x H x D)	2" x 6" x 1½" (55 x 145 x 40 mm)
Power	One 9 V battery

What's included: Remote UV probe, tripod screw, magnetic mount, hard foam-lined carrying case, and one 9 V battery.

Catalog No.	Model No.	Description
TS-50523-00	850009	Light meter, UV-A/B
TS-50523-02	850010	Light meter, UV-C
Accessories		
TS-01628-52	840093	Field tripod
TS-94471-25	840090	Water-resistant instrument pouch
TS-09386-04	—	Replacement batteries, 9 V. 4/pk



50523-00

Applications

Model 850009 measures long- and medium-wave UV-A/B. Ideal for:

- Environmental monitoring
- Forensics
- Printing
- Semiconductor
- Chromatography
- Electrophoresis

Model 850010 measures short wave UV-C light. Ideal for:

- UV sterilization
- Industrial glass and window tinting
- Nondestructive testing
- UV light fume hoods