

Data Logging Light Meter with SD Card Memory

Records data on an SD card in Excel® format for easy transfer to a PC



50547-06

- Cosine- and color-corrected measurements
- Utilizes precision silicon photo diode and spectral response filter
- Offset adjustment used for zero function to make relative measurements
- Data logger date-and-time stamps and stores readings on an SD card in Excel® format for easy transfer to a PC
- Type J and K thermocouple input for high-temperature measurements
- Large backlit LCD
- Manually store up to 99 readings or automatically store readings at a user-programmable sampling rate from 1 to 3600 seconds
- Record and recall Min/Max readings
- Data hold plus auto power-off with disable function

SPECIFICATIONS

Fc range	200, 2000, 10,000
Lux range	2000, 20,000, 100,000
Resolution	0.1 fc / 1 Lux
Accuracy	±4% of reading
Data logging	Manually store/recall up to 99 rdgs; automatically store at sampling rate from 1 to 3600 sec
Output	Standard SD card (1 to 16 GB) and RS-232 interface
Display	Backlit LCD
Dimensions (W x H x D)	2 7/8" x 7 1/4" x 1 1/8" (73 x 182 x 47 mm)
Power	Six AA batteries

What's included: 2GB SD card, light sensor with protective cover, hard carrying case, and six AA batteries.

Catalog No.	Model No.	Description
TS-50547-06	SDL400	Data logging light meter with SD card memory
Accessories		
TS-09386-01	—	Replacement batteries, AA. 4/pk
TS-17111-44	—	NIST-traceable calibration with data

Heavy-Duty Light Meters

Data logging model allows automatic or manual storing/recall of readings



50522-30

- Wide range to 40,000 fc or 400,000 lux
- Cosine- and color-corrected measurements
- Model HD450 stores up to 16,000 readings or manually stores/recalls up to 99 readings
- Utilizes precision silicon photo diode and spectral response filter
- Peak mode (10 ms) captures highest reading
- Relative mode indicates change in light levels
- Min/Max and data hold
- Large, backlit LCD with 40-segment bar graph
- Rugged double-molded housing with ergonomic design

SPECIFICATIONS

Fc range	40, 400, 4000, 40.00 kfc
Lux range	400, 4000, 40k, 400 klux
Max resolution	0.01 fc/0.1 lux
Accuracy	±5% of reading
Data logging	16,000 continuous rdgs; 99 selected rdgs (model HD450)
Output	USB
Display	Backlit LCD
Dimensions (W x H x D)	3 1/8" x 6 3/4" x 1 1/8" (80 x 170 x 40 mm)
Power	One 9 V battery

What's included: Light sensor with 3-ft (1-m) cable and protective cover, Windows®-compatible software with USB cable, hard carrying case, and one 9 V battery.

Catalog No.	Model No.	Description
TS-50522-30	HD400	Heavy-duty light meter
TS-50522-32	HD450	Heavy-duty data logging light meter
Accessories		
TS-90425-32	TR100	Tripod
TS-09386-04	—	Replacement batteries, 9 V. 4/pk
TS-17111-44	—	NIST-traceable calibration with data