

Precalibrated Data Logging Light Meter

Don't get blinded—ensure safe environmental conditions

- Have confidence in your readings—prec calibrated before you get it!
- Perfect for most applications—measures from 0 to 400 klux
- Count on your reading—accurate to $\pm 3\%$ with silicon photo diode and spectral response filter
- Record and analyze your data for future recall—stores up to 87,000 measurements
- More in-depth data analysis with included software right on your desktop
- Measure in either lux or footcandles

Unit includes user-selectable lux or ftc units, Max/Min readings, hold function, and is designed in a rugged body for use in challenging environments. Plus the NIST-traceable precalibration means you get reliable measurements, saving you time and money!



Description	Data logging light meter
Catalog number	GH-20250-00
Range	0 to 400,000 lux; 0 to 40,000 ftc
Resolution	0.01 lux/ftc
Accuracy	$\pm 3\%$ rdg $\pm 0.5\%$ full-scale ($<10,000$ lux), $\pm 4\%$ rdg ± 10 digits ($>10,000$ lux)
Data logging	Up to 87,000 measurements
Functions	Data logging, record/recall, Min/Max/Hold, auto power-off
Output	USB
Display	4000-count backlit LCD
Power	Three AAA batteries
Price	



Save time, save money!

Choose Precalibrated

Includes a data-rich, ISO 17025 certificate—no additional charge!

Precalibrated by **INNOCAL**
INNOVATIVE CALIBRATION SOLUTIONS

Dual-Scale Light Meter

Get increased accuracy and stability

Measures light intensity in both lux and footcandles. Monitor light levels with fast, accurate, and stable response. Color-corrected sensor meets C.I.E. photopic spectrum.

What's included: integral tripod thread, remote sensor with cover, carrying case, and one 9 V battery.



Specifications

Ranges:

Lux: 40/400/4000/40,000/400,000
Footcandles: 4/40/400/4000/40,000

Resolution:

Lux: 0.01/0.1/1/10
Footcandles: 0.001/0.01/0.1/1

Accuracy: $\pm 3\%$ of reading +0.5 full scale

Functions: data hold, overrange, Min/Max, autozero, low-battery indication

Output: RS-232



High-Intensity Dual-Scale Light Meter

Compensates for five lighting types

Three-range meter indicates light intensity up to 50,000 lux or 5000 footcandles for five selectable lighting types. The RS-232 interface and optional 4000-reading data logger module facilitate data documentation (sold separately below).

What's included: remote sensor with cover, integral stand, protective rubber holster, and one 9 V battery.



Specifications

Ranges:

Lux: 1999/9,990/50,000
Footcandles: 199.9/1999/5000

Resolution:

Lux: 1/10/100
Footcandles: 0.1/1/10

Accuracy:

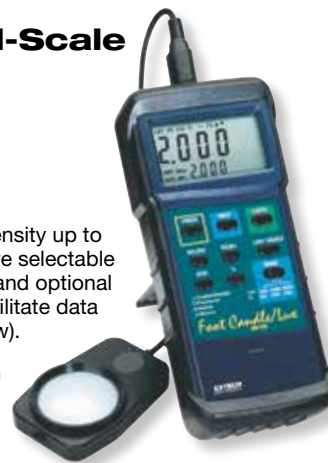
$\pm (4\% \text{ of reading} + 2 \text{ digits})$

Functions: Min/Max, avg, data hold, low-battery indication, data logging

Output: optional RS-232

Display: 3-digit LCD

Dimensions (W x H x D):
2 $\frac{1}{16}$ " x 7" x 1 $\frac{5}{16}$ "
(7.1 x 17.8 x 2.4 cm)



Calibration document supplied by the manufacturer	Catalog number	Price
No	GH-01588-20	
Yes	GH-01588-22	

NIST-traceable calibration report supplied by the manufacturer	Catalog number	Price
No	GH-01588-32	
Yes	GH-01588-34	

[GH-01618-51](#) Benchtop tripod, 3 $\frac{1}{2}$ "H

[GH-09376-04](#) Replacement batteries, 9 V. Pack of 4

[GH-17101-44](#) NIST-traceable recalibration with data

[GH-10200-10](#) RS-232 Software for Windows®. Includes 4-ft cable to connect meter to your computer

[GH-10200-20](#) Data logger module features battery backup and RS-232 interface for connection to your PC

[GH-17101-44](#) NIST-traceable calibration with data