



ILT1400

Hand-Held Radiometer/Photometer

Features:

- Hand-Held, Battery Operated Portability
- 7 Decade Measurement Range
- 0.2% Linearity
- USB Port for Datalogging
- Membrane Keypad with Backlit Display
- Automatic Ranging, Zeroing & Shutoff
- Exposure Integration Up To 24 Hours
- Large Selection of Application-Specific & General Purpose "Smart" Detectors
- NIST-Traceable Calibration with Certificate
- Many Pre-Configured Application-Specific Meter/Detector Systems Available
- Made in USA

SPECIFICATIONS

Measurement Range: 100 picoAmps to 350 microAmps
(Optical units will depend on detector selection).

Minimum Resolution: 10 picoAmps

Linearity: 0.2%, +/-1 digit on the low end of the measurement range

Power: Rechargeable battery pack. Optional 110 VAC power supply is available (Part #A516)

USB Output: 2.0 (1200 Baud Rate)

Chart Recorder Analog Output: 100 to 1000 mVolt, 408 Ω impedance, autoranging

Size: 7.3 inches x 3.9 inches x 1.7 inches (185 mm x 100 mm x 43 mm)

DESCRIPTION

A world-class, hand-held light meter with a proven 20 year track record for dependability and accuracy in the most demanding light measurement applications, now with datalogging via the new USB port and re-designed membrane keypad.

Whether this rugged portable light meter is used in the field or in the research lab, the ILT1400 Hand-Held Radiometer/Photometer can meet your light measurement challenge with its seven (7) decade measurement range, autoranging and NIST-traceable accuracy.

Add to that one of the largest selections of application-specific light sensors available, an easy-to-use, robust feature set and portable, hand-held convenience, and it's easy to see why the world relies on the ILT1400.

DETECTOR OPTIONS

The ILT1400 has one of the world's largest selections of application-specific and general purpose preconfigured detectors available to complete your light meter system. All ILT1400 compatible sensors are "smart" with stored calibration information and programmability features.

All sensor specifications are available on our Web site (www.intl-lighttech.com) sorted by application, or call one of our knowledgeable sales representatives to assist you in selecting the correct pre-configured or custom sensor configuration for your application.

Applications include Photoresist, LED, Germicidal, UV Hazard, Plant Photobiology, UV Curing, Laser and Photostability.



InternationalLight
TECHNOLOGIES

**NIST Traceable Light Measurement
Systems and Sources**

ISO 9001:2008

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