ILT 1400

Hand-Held Radiometer/Photometer

A world-class, hand-held light meter with a proven 15 year record for dependability and accuracy in the most demanding applications.

Whether it's used in the field or in the research lab, at the office or on the factory floor, the ILT1400 Hand-Held Radiometer/Photometer is up to your light measurement challenge with it's seven 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.

Features and Benefits

■ 7 decade measurement range
■ Large array of available application specfiic and general purpose "smart" detectors. (Order detectors separately)
■ NIST-traceable calibration with certificate
■ 0.2% linearity
■ Exposure integration up to 24 hours
■ Hand-held, battery operated portability
■ Automatic ranging, zeroing, and shutoff
■ Membrane keypad with backlit display
■ Ambient/Dark Zeroing Capability
■ Complimentary Software/Labview Drivers

Detector Options

The ILT1400 has one of the world's largest selections of (ILT1400-A) backlit LCD application specic 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. Applications include photoresist, LED, germicidal, UV hazard, plant photobiology, UV curing, laser, and photostabiliy. All sensor specifications are available on our website at www.intl-lighttech.com sorted by application or call one of our knowledgable sales representatives to assist you in selecting the right precofingured or custom sensor configuration for your application.

Specifications

Measurment 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
Refresh rate	½ second
Power	4 "AA" alkaline batteries. Optional 110 VAC power supply is available (Order part ILT-A516)
USB Output	2.0 (1200 baud rate)
Calibration	ISO 17025 accredited, NIST traceable
Size	185 mm x 100 mm x 43 mm