光度計
Photometer

InternationalLight TECHNOLOGIES

ILT1400 光度計

Hand - Held Radiometer / Photometer

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.

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# A516)
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)

Features & Benefit

- 7 decade measurement range
- Large array of available application specific 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
- Available with (ILT1400-BL) or without (ILT1400-A) backlit LCD

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. Applications include photoresist, LED, germicidal, UV hazard, plant photobiology, UV curing, laser, and photostabiliy. All sensor specifications are available on our website at www.intllighttech. com sorted by application or call one of our knowledgable sales representatives to assist you in selecting the right preconfigured or custom sensor configuration for your application.

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