ILT2500

CW and Pulsed/Flash Light Measurement System

Features:

- **Flash measurement capability with:**
  - Flash App: for 0 to 250 Hz with graphical profile
  - Beacon App: .3 to 1.4 Hz for NFPA72 strobe testing with programmable flash count, integral, peak, and frequency
- **Large 4.3" capacitive touch screen display**
- **Hand-held, ergonomic design**
- **Built-in Faraday cage for low-end optical stability**
- **Broadest measurement range in its class at 9 decades**
- **Includes DataLight III comprehensive software package for both Mac and PC**
- **Made in the USA**

Meter Specifications:

- 5 pA - 1 mA current, 9 decades of light intensity measurements
- Automatic ranging and averaging
- 4 GB internal memory
- 0 - 40° C operating temp
- USB: Micro for data download
- USB: Mini for charging and DataLight III PC& Mac light measurement software
- Detector/Sensor connector: 15 pin connector
- Detector range: UV-VIS-IR (sold separately)
- Dimensions: $1^{3}/_{5}$" x 3" x 6" (H x W x L)
- CE certified

Description:

The ILT2500 is the most versatile light measurement system ever designed by ILT. It combines the ease-of-use of our hand-held, portable optometer, the measurement range of a Research/Lab radiometer, pulsed light profiling similar to an oscilloscope. Combined with our NIST traceable / ISO17025 accredited calibration, and a wide array of sensors, optics, integrating spheres, the ILT2500 applications abound!

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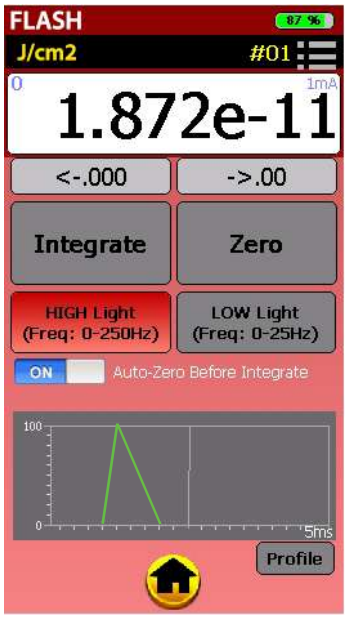
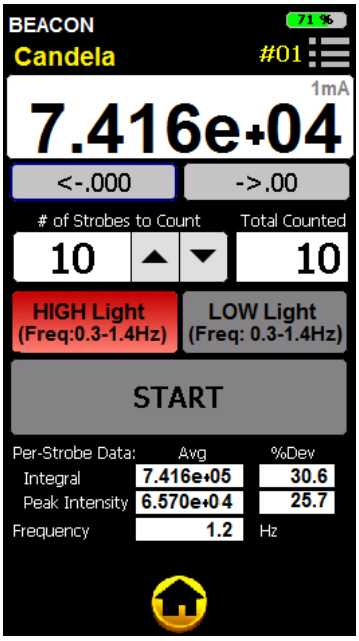
The **ILT2500** DataLight light measurement software is packed full of apps!

Meter is the standard application for steady-state light measurements and includes features such as Integrate, Hold, Zero, Min/Max/Peak, as well as data recording all with the touch of a button. The screen can be viewed in both portrait (tall) and landscape (wide) modes.



Flash is designed for measurement of pulsed light sources such as Xenon Pulse UV lamps. It includes a flash count, profile of the peak of the flash, as well as the integrated dosage readings.



Beacon is for slower pulsed/flashing sources including NFPA72 strobe testing. Measure from .3 - 1.4 Hz.

Trend has all the same features of Meter, however the numerical display is greatly reduced in size to allow for a large graph. The graph can be programmed as a line or bar chart, and is also available in portrait or landscape orientations.

Survey allows data to be sorted by location or light source and **Light Stack** has a programmable color changing display (red/yellow/green) and sound alert for quick troubleshooting.

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