



## InternationalLight TECHNOLOGIES

### **ILT Launches New ILT1000 Light Meter, Monitor & Datalogger** **Innovative Light Measurement System for Standard, Custom or OEM Applications**

Peabody, MA – International Light Technologies (ILT), a leading designer and manufacturer of light measurement and detection systems, is pleased to announce the introduction of the ILT1000 Light Meter, Monitor and Data Logger.

The ILT1000 is the most versatile UV, VIS, and IR datalogging optometer available on the market today. The ILT1000 design is backed by over 45 years of ILT light measurement experience and comes complete with NIST traceable, ISO 17025 accredited calibrations.

“Many light measurement applications require multiple independent units with on-board data logging, but also be able to analyze that data in one central location for easy comparison”, said Jill Fowler, Director of ILT's Systems & Sources product lines. “The new ILT1000 system is the ideal product to meet these diverse application needs.”

System configurations are based on the industry standard ILT1700 Research Radiometer/Photometer detectors, filter/optics and calibrations.

The ILT1000 was designed with OEM and custom configurations in mind and can easily accommodate most solid state detectors, 1/2" and 1" optical filters and a vast selection of standard and submersible/watertight fibers and input optics.

The ILT1000 is supplied with 4 versions of complementary software designed to cover a wide range of applications. All software is provided with an open source (MIT) license for ease of customization. A full version API is also available.

The ILT1000 is capable of measuring over 6 decades of light and providing direct readout in W, W/cm<sup>2</sup>, Lux, Fc, Lumens, cd/m<sup>2</sup>, cd, W/sr, W/sr/cm<sup>2</sup> and more. On board data storage allows continuous monitoring at customer specified sampling rates using the “set it and forget it” datalogging.

**Typical ILT1000 applications:** UV monitoring including bottled beverage and food industry, drinking and pool water disinfection, HVAC, pharmaceutical/cosmetics, semiconductor, municipal wastewater disinfection. Other applications include process monitoring, curing, plant photobiology, thin film deposition, ribbon clarity/glass production and liquid turbidity, and transmission measurements.

For more information, please visit the ILT Web site at [www.intl-lighttech.com](http://www.intl-lighttech.com) or call 978-818-6180 Ext. 216.

#### **About International Light Technologies (ILT):**

For over 45 years, ILT has provided direct and OEM customers in industrial, academic and research markets with light measurement and detection systems, and a broad range of off-the-shelf and customized specialty light sources. The ILT Systems Division manufactures light meters, radiometers, spectrometers and spectroradiometers as well as comprehensive lines of detectors, filters, input optics and accessories. The ILT Sources Division supplies light sources that include UV-LEDs, discrete and surface-mount LEDs, UV-Visible-IR lamps, specialized replacement lamps and lamp power supplies. ILT is ISO 9001 certified and ISO/IEC 17025 accredited.



Four (4) ILT1000 Modules with Software  
(PC & hub sold separately)