



ELMS Provides Quantitative Endoscope Light Measurement Data

Peabody, MA – February 13, 2012 – International Light Technologies (ILT), a leading designer, manufacturer and distributor of light measurement and detection systems, has introduced a unique new light measurement system designed specifically for the endoscopy market.

The [Endoscope Light Measurement System \(ELMS\)](#) is a hand-held instrument designed to measure the luminous radiation of standard medical endoscopic light sources, fiber bundles and complete endoscopes.

The Endoscope Light Measurement System consists of a light meter, detector and adapters to interface with endoscopic equipment common in surgical applications. It is compatible with all major manufacturers of endoscope light sources, fiber bundles and scopes including Olympus, Stryker, Conmed, Pentax, Storz and ACMI.

ELMS provides the user with objective and repeatable measurements of the light output from each of the components in the endoscope chain. The light measurement data can be collected on a computer and used for predictive maintenance, endoscope performance tracking, and on-going QA programs.

"The ILT Endoscope Light Measurement System is based on the ILT1400 Light Meter, an industry standard portable light measurement system", said Thom Connolly, ILT's President and CEO. "Using the ILT1400 to make these light measurements ensures users that they will get accurate, repeatable light measurements from their endoscope components."

Mike Valo, ELMS Product Manager, added, "This system will benefit Biomedical and Clinical Engineers responsible for the maintenance of endoscopy equipment."

These benefits include:

- Establishing "hard data" quality assurance for endoscopic devices
- Reducing the number of "insufficient light" failures in the OR
- Qualifying new and repaired endoscopes before use
- Reducing the number of unnecessary or premature lamp replacements
- Accurate trending of performance changes in endoscopic devices and components
- Quickly troubleshooting light-related endoscopic system failures

For more information, please visit the ILT Web site at www.intl-lighttech.com or call 978-818-6180.

About International Light Technologies (ILT):

For over 40 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 high power LEDs and modules, UV-Visible-IR lamps, specialized replacement lamps and power supplies. The LED Innovations Division designs and manufactures LED-based products including refrigerated/freezer display case lighting, gasoline pump canopy lighting, under cabinet and task lighting, and a complete line of LED modules for signage lighting. For more information please visit www.intl-lighttech.com or call 978-818-6180.