



LIA TODAY



Laser Product Showcase

Power and Energy Meter from Spiricon

Spiricon Power Products Inc. announces a new universal, portable, dual channel power and energy meter for the measurement of lasers and other optical sources. The meter interfaces to thermopile, pyroelectric, semiconductor, and temperature probes. It features a digital readout, analog bar, and dynamic graphs on a backlit LCD screen. Interfaces include an SD card slot and a USB interface to LabVIEW on Windows, Mac and Linux. It has a backlit keypad and dual battery option.

Spiricon, Inc.
2600 North Main
Logan, UT 84341
435-753-3729
435-753-5231 Fax
info@spiricon.com
www.spiricon.com



Fieldmax™ Laser Meters

The FieldMax family of laser meters includes three models that measure laser power, energy or both. FieldMax is compatible with the industry's broadest spectrum of thermopile, optical and pyroelectric sensors. These new meters offer a wealth of capabilities, including a new laser-tuning feature that is both fast and responsive.

Coherent, Inc.
971-327-2700
800-343-4912
LMC.sales@Coherent.com
www.Coherent.com



Excimer Laser with Integrated Gas Supply

An integrated gas supply will set the Xantos S apart from its competition. Different versions are available that vary in max repetition rate (200 or 500Hz) and wavelength (193 or 248nm). The Xantos S reaches a maximum energy up to 18mJ at 248nm and performs with an energy stability of $\sigma < 2\%$ (standard deviation).

TuiLaser AG
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+1-719-487-8360 Fax
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Compact Industrial UV Excimer Laser

The Industrial-Series UV lasers from TuiLaser are the only tabletop small footprint excimer lasers in the marketplace that conform to SEMI-standards with lifetimes greater than 1 billion pulses. Different versions are available that vary in repetition rate (200, 500 or 1,000Hz) and wavelength (157, 193, 248, 308 or 351nm).

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Diode Pumped Nd:Vanadate Disk Laser Marking Systems

- * High-speed fine detail marking
- * Spot size invariant with laser power
- * Marks coated materials without damaging sensitive substrates
- * Marking areas up to 350 mm diameter
- * Compact lightweight construction
- * Diodes guarantee 15,000 hours/2years
- * 12 and 20 Watts average power
- * Single phase power
- * CW or Q-switched
- * Air-cooled

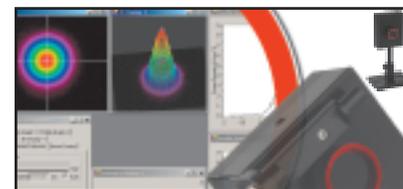
Electrox
5601 Fortune Cir., S. Drive, Ste A
Indianapolis, IN 46241
317-248-2632, 317-240-5787 Fax
sales.us@electrox.com
www.electrox.com



Laser Beam Profilers

Ophir Optronics, Inc. offers a complete product line of Firewire ccd based Laser Beam Profilers. The Model Beamstar FX cameras come in 1/3", 1/2" and 2/3" sizes. The Beamstar FX cameras operate in the 360nm-1100nm range with optional UV converter for the 193nm-360nm range, offer automated gain and shutter control and automated photodiode synchronization with pulsed lasers. Standard software is user-friendly for accurate beam profile measurements.

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Las-Scan: Laser Weld Bead Inspection System

Servo-Robot LAS-SCAN system is designed for robotic inspection of small welds made by GTAW, PAW, EBW, laser welding and laser brazing processes. LAS-SCAN utilizes the unique PORO-SCAN laser-camera, including Servo-Robot dual sensor technology to automatically compensate for part position inaccuracies. Precise bead geometry tracking, measurement and pinhole detection are performed easily. Robot programming time and holding fixture costs are also drastically reduced.

SERVO-ROBOT INC.

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+1 (450) 653-7868, +1 (450) 653-7869 fax
info@servorobot.com, www.servorobot.com



ANSI .3 Revision Now Available

Revised in 2004, the *ANSI Z136.3 for Safe Use of Lasers in Medical Facilities* is a must for hospitals, medical centers, and clinics using medical laser systems. The Z136.3 was last approved in 1996. The 2004 modification has extended the scope of medical lasers into all clinical settings. The price is \$110 for LIA members and \$130 for nonmembers.

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The Worldwide Leader in Laser Safety Training



Laser Institute of America

Laser Institute of America training courses meet training requirements outlined by ANSI, OSHA, ACGIH, and Joint Commission. We can provide you with the education and guidelines needed to keep your program up-to-date when it comes to laser safety. LIA is the **leading provider** of laser safety training worldwide and uses only the **foremost experts** in the fields of industrial, medical, communications and research laser safety applications. With our wide variety of expert instructors, LIA can meet any training need your organization may have. LIA is the secretarial and publisher of the ANSI Z136 series of laser safety standards. Why would you want to place your safety training needs in anybody else's hands?

For a complete list of training courses or to receive a customize quote, contact the LIA at 800.34.LASER or go to our web site at <http://www.laserinstitute.org/training>