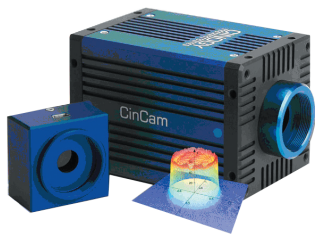


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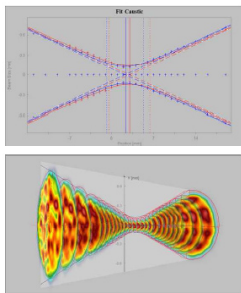
This month's highlights:



Cameras / Beam Profilers

Cinogy offers Beam profilers based on 35mm CCD's, for large beam analyses.

A new quality M2 tool available from Cinogy. This determines the M2 accurately by measuring the beam profile in various planes.



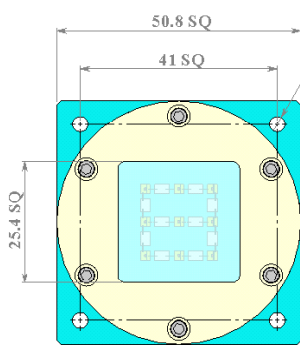
Lasers

Femtosecond Ti:Sapphire Lasers are now available from IL Photonics. The lasers are tunable and offered with 2nd and 3rd harmonic generation covering a very large spectrum.

Excimer lasers at various wavelengths (including 193nm and 248nm) are available for less than 10,000 Euro.

A new **3W VECSL** Illuminator model, with extra attention to reduce Speckles. The unit is ideal for 2D and 3D Imaging.

PD-LD Inc. announced the introduction of a high-powered, (500mW) VBG®-stabilized multimode 647 nm red laser series. This product line represents the first red wavelength range lasers to be stabilized using PD-LD's patented VBG® technology, and is distinguished by its combination of high power, accurate center wavelength, narrow bandwidth and small size. This product extends PD-LD's existing portfolio of lasers, increasing the capabilities and range of technological applications within the company's laser product line.



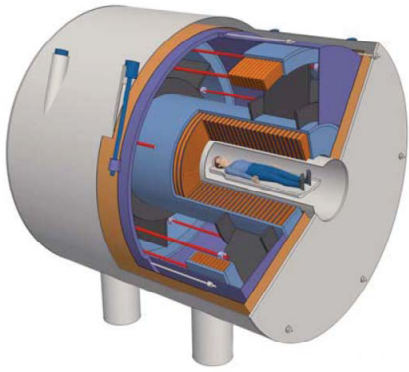
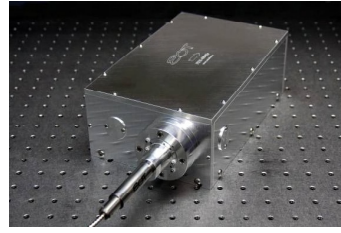
Using PD-LD's patented VBG® technology as the wavelength stabilization technique yields a laser with a novel combination of functional attributes. These include high spectral purity, a **line width of less than 0.1 nm**, and high optical power. Furthermore, the laser's internal temperature control insures spectral stability and consistent power over varied operating conditions.

The new laser is also available as a turnkey USB-controlled laser source or as a discrete component in a low-profile 14-pin butterfly package.

"This laser has multiple applications, including **Raman spectroscopy, avionics, and sensing**, VBG® stabilization allows this laser to be significantly smaller than any other high-powered red laser, further increasing its versatility."

Optics

Patented Polarization independent,
Fiber In / Free Space Out,
Isolator, now rated till **400W**.



Detectors

Spiraltron **Electron Multipliers**. Compact. high dynamic range, higher pressure operation and more benefits from Photonis

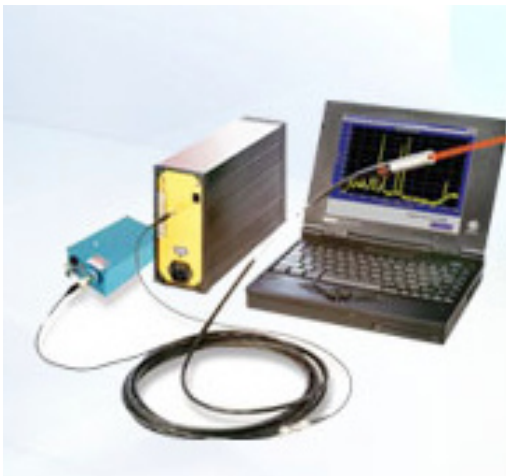
Gap Sensors for MRI Applications are described in a new application note http://www.philtec.com/50_MRI.pdf

MORE NEWS

IL PHOTONICS EXHIBITS AT THE PHYSICS DAY
IN TEL AVIV ON DEC 5 <http://bit.ly/esr3s7>

FEATURED COMPANY

www.controldevelopment.com



Control Development, Inc. is a leader and innovator in the field of miniature **spectroscopy**. They specialize in the design and manufacture of miniature, high performance, rugged and portable spectrometers. Control Development, Inc. introduced the world's first commercial, PC plug-in miniature spectrometer in 1991. This spectrometer was a silicon CCD-based device, covering the UV to near NIR spectral range. Control Development also introduced the world's first PC plug-in miniature, NIR spectrometer using a thermo-electrically cooled InGaAs array.

The Products groups include

Spectrometers

- [NIR Spectrometer](#)
- [2DCCD Spectrometer](#)
- [Silicon PDA Spectrometer](#)
- [Self Referencing Spectrophotometer](#)
- [Raman-Shakti](#)
- [Portable Raman Systems](#)

Light Meter

- [CDI Light Meter](#)

Accessories

- [Network Interface Module](#)
- [Spectrum Server Ethernet Module](#)
- [Integrated Halogen Light Source](#)
- [Dual Tungsten Halogen Light Source](#)
- [Stablamp](#)
- [Tungsten Halogen Light Source](#)
- [Cuvette Holder](#)
- [AutoCal](#)
- [Sample Holder for Raman Probe](#)
- [Sample Stand](#)

Probes

- [Raman Probe](#)
- [Fiber Optic Reflectance Fixture](#)
- [Large Aperture Adapter](#)
- [6 Around 1 Reflectance Probe](#)
- [Fiber Optic Dip Probe](#)
- [Process Transmission Cel](#)

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If not advised otherwise the prices are DDP, Israel and don't include 16% VAT, special actions maybe conditioned as long as in stock or till a certain date. Ask for a quote on any product.

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