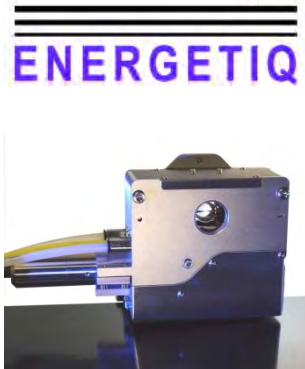


New OEM LDLS™ is the latest ultra-bright performer from Energetiq



Energetiq introduced the new EQ-400 high power, ultra-bright Laser-Driven Light Source (LDLS™) at the recent Laser World of Photonics in Munich.

Based on the existing highly successful LDLS™ series, the EQ-400 offers the highest radiance and irradiance available in a true broadband white light source. The EQ-400 features a compact lamp housing built with clean construction techniques to ensure long lamp life and stability. With a 170-2100 nm wavelength range, and a choice of dual-beam output or a single-beam output with retro-reflector, the EQ-400 is suitable for a wide variety of applications.

- High spectral radiance: > 100 mW/mm².sr.nm from 100 µm aperture
- Spectral power: > 10 mW/nm from a 500 µm aperture
- Very low noise: < 0.02%
- Small plasma: 300 x 800 µm FWHM

If you have an OEM application that requires stable and ultra-bright illumination, please **contact us** as we have the solution.

New additions to laser safety filters from NoIR LaserShields



NoIR LaserShields has had ten of their existing filters for laser safety CE-approved. These are the: 10, 50, 60, 90, 92, 5032, 6032, RT1, RT2 and YG4.

NoIR also revealed, at the recent Laser World of Photonics exhibition, a breakthrough **polymer filter for Holmium-doped fibre lasers** operating between 2 and 3 microns - the **HOY**.

NoIR have been manufacturing high-quality internationally-certified safety eyewear for the protection of laser users in a broad range of fields and applications for many years now, offering protection from:

- UV, visible, and IR lasers
- Multiple waveband devices
- Therapeutic and cosmetic treatments (Patients and Clinicians)
- Laser pens (Pilots and Police)

Elliot Scientific's expert advice will guide you to the best in cost-effective laser safety. From academics, beauticians and clinicians... we protect the alphabet of laser users.

Contact us with details of your laser or application and we will be happy to help you choose the correct filters, spectacle frames or goggles.

Sensitive magnetometry for physics and the biological sciences from Tristan Technologies



Tristan Technologies delivers world-leading SQUID sensors through their superior performance iMAG range. Magnetic sensing applications, such as materials analysis and biomagnetism, can benefit from Tristan's sensors, instrumentation and electronics.

The iMAG series of SQUID components includes microprocessor-based multichannel control electronics and advanced fibre optic linked flux-locked loop circuits. Tristan manufactures complete SQUID systems based on either low-temperature or high-temperature technology. For in-depth information, please **contact us**.

International Year of Light: Events to end of August



Light Fantastic: Adventures in the Science of Light

Bradford: From July 18th

Centre for Quantum Photonics Summer School

Bristol, August 3rd to 7th

Complex Nanophotonics Science Camp

Windsor Great Park: August 18th to 20th

☀ **Need to measure light or colour?** Then have a look at **Gamma Scientific**

Honeywell Sperian adds laser filters for several wavebands



Honeywell Sperian has recently introduced new filters for the following wavebands:

- Vis-IR
- Near IR
- Alexandrite-Diode-YAG combos
- CO₂

Honeywell

SPERIAN

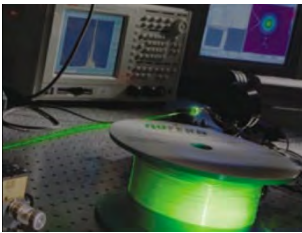


Honeywell Sperian offers a broad range of laser eye protection products:

- UV, Visible, and Infrared filters
- Multiple waveband filters
- Protection for patients, pilots and police
- Sheet material and barrier systems
- A wide range of stylish spectacle frames and comfortable goggles

If you need advice choosing the correct filter, our experts are on hand and ready to help. **Contact us** with details of your laser's performance and we will recommend suitable protection.

New coating options for NuSensor fibres: Carbon/Acrylate or Carbon/Polyimide



Nufern has expanded its NuSENSOR product line that features graded index multimode (MM) fibres designed for Distributed Temperature Sensing (DTS), and single-mode (SM) fibres designed for Distributed Temperature and Strain Sensing (DTSS) and Fiber Bragg Grating (FBG) based sensors. Both the MM and SM fibres are available with polyimide coverings and either pure silica or germanium doped core glass compositions.

Nufern is now offering these fibres with composite coatings: carbon/acrylate for temperatures up to 150 °C, or carbon/polyimide for up to 300 °C, making them also ideal for H₂ rich environments. Details about the NuSENSOR range can be obtained by **contacting us**.

Forthcoming events: September is going to be a busy month for Elliot Scientific...



LASER WORLD OF PHOTONICS INDIA



QuAMP 2015

September 2nd to 3rd: Brighton

Laser World of Photonics India

September 9th to 11th: New Delhi

Quantum UK 2015

September 28th to 30th: Oxford



Website



Product Overview 2015



Optical Tweezers 2015



Components Catalogue 2013



2014 Newsletters



2013 Newsletters



Blog



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