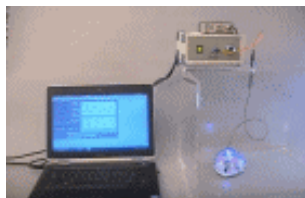


## Optogeneticists not silent about activating opsins with Prizmatix products



**Prizmatix**

Hundreds of **research papers** have been published by scientists around the globe who have used **Prizmatix** equipment within their experiments.

The company offers an extensive range of modules for in-vivo and in-vitro optogenetics, starting from single wavelength plug-and-go Optogenetics-LED kits, to multi-wavelength systems for activation and silencing.

From light sources to cannulae and everything in between, Prizmatix can provide all the components necessary for researchers working in neuroscience - especially fibre photometry, neurobiology, biochemistry and biophysics.

Prizmatix also offer a wide range of standard and customised multi-mode silica/polymer fibres, ferrules, rotary joints and pulse modulators for optogenetics research. Please **contact us for full details**.

## Intense LDLS™ broadband light sources from Energetiq are spot on

### LDLS™ features

- Super bright
- Broadband
- No electrodes
- Long life
- Excellent stability
- Dual beam options
- Replaces multi-lamp systems

### Applications

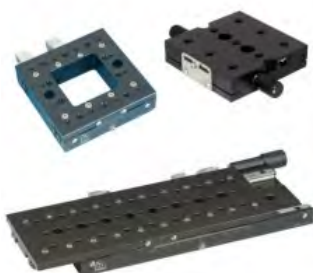
- Advanced imaging
- Microscopy
- Materials research
- Gas analysis
- Spectroscopy & HPLC



Researchers using light for imaging and analytical spectroscopy in a variety of applications in the life and materials sciences need light sources capable of providing extremely high brightness across a broad wavelength range.

**Energetiq®** has developed a series of revolutionary light sources using LDLS™ technology to fulfil scientists' requirements. These laser driven lamps generate light from the UV through to the visible and beyond via an electrodeless plasma discharge. Please **contact us** for more information.

## The long and the short of it... Slides and Stages from Siskiyou



A broad portfolio of **linear translation stages** with travel up to 100 mm (4") are available from the **Siskiyou Corporation** in the following versions:

- Dovetail slides - Simple, with a high stiffness and load capacity
- Ball bearing - Low friction offers smoother action, but with reduced loading
- Crossed roller bearings - High stiffness and load capacity with precision bidirectional straightness

All are lockable and can be ordered with either imperial or metric threads. In addition, most models are 25 mm (1") in height, except the low profile models which are 12.5 mm (½") or less. Vacuum compatible versions and ready-built multi-axis assemblies are also available. Please **contact us** for more information.

## International Day of Light: May 16th



Tomorrow is the **International Day of Light**, a global initiative providing an annual focal point for the appreciation of light and the role it plays in science, culture, art, education, and sustainable development.

The UNESCO International Day of Light will again raise the profile of science and technology, stimulate education, and thus contribute to improving the quality of life worldwide.

Elliot Scientific takes this opportunity to wish all participants in tomorrow's events every success in your endeavours.

## FEMTO-30: a high pulse energy ultrafast laser with flexible repetition rates from Fibercryst



**Fibercryst** is the only manufacturer of short pulse lasers and amplifiers that utilise the innovative Single Crystal Fibre technology (SCF) - a technology that offers significant performance advantages over existing technologies.

The **FEMTO-30** is Fibercryst's 1030 nm laser system that can deliver pulse energies of 160  $\mu\text{J}$  (@ 100 kHz) in pulse widths of around 600 fs, with repetition rates selectable between 100 kHz and 1 MHz.

A significant feature of this 30 W laser is the ability to easily and quickly change the repetition rate to favour the average power or the energy per pulse. This makes it ideal for:

- Cutting and drilling of hard materials
- Cold machining of polymers and composites
- Micromachining and structuring of surfaces, for example medical devices and semiconductors



For more information about this or other lasers from Fibercryst, please **contact us**.

## This month, meet Elliot Scientific at...



### SU<sup>2</sup>P

## The 9th Annual Symposium that connects Scottish and Stanford Universities

21st and 22nd May 2018, University of Strathclyde, Glasgow



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