

Popular Prizmatix products pinch prime page positions - now say that again quickly!



Prizmatix



Frequent visitors to our website may have noticed that **Prizmatix** products regularly feature in our *most popular products viewed* section on the homepage. Chief among these are their range of collimated Ultra High Power LED light sources.

The **UHP Series** provides nearly ten times more power in comparison with typical high-power LEDs, making them an effective replacement for Hg and Xe lamps, as well as lasers in many applications. These can include fluorochrome activation in fluorescence microscopy, optogenetics, chemical reaction activation, and uncaging. UHP features include:

- Speckle-free ultra high-power LED light
- Excellent for fluorescence excitation
- Optional band pass filtering
- Precisely adjustable, stable power with rapid warm up time
- Long life - over 10,000 hours. No lamp replacement required
- Easy connection to microscopes, fibre-optics and lightguides
- Specialised MP version for microplate and petri dish illumination
- Up to 3 Prizmatix LEDs can be combined to form a multi- λ system

The large LED chip used in the UHP range delivers an impressive flat field illumination, ideal for general fluorescence microscopy and even more so for quantitative imaging. Alternatively, high NA optical fibre can be attached via an adaptor to achieve maximum light power from the distal end for use in optogenetics.

Contact us for info, or see them live at **Photonex** next month.

Siskiyou stimulates optogenetics research with field of view light spot



The **Siskiyou IS-OGP** provides a simple, complete solution that adds a high power light source to your Nikon, Olympus or Zeiss microscope for optogenetics research.



It positions a small - 10 μm typical with 20x objective - stimulation spot to any location within the field of view.

The single-mode FC connectorised fibre optic cable input from a light source, combined with the included FLG-FC/2 optics internal to the IS-OGP, creates a collimated input to the rear aperture of the microscope objective.

For more information about this or other life science products from Siskiyou Corporation, please **contact us**.

CODIXX release new larger catalogue for 2018/19



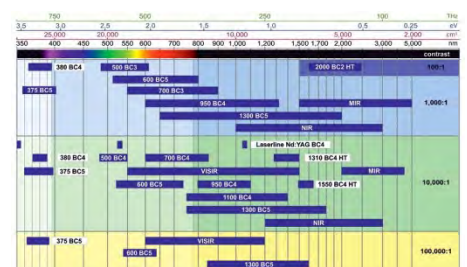
Video clip courtesy of
Optatec

CODIXX colorPol glass polarisers utilise a unique silver nano-particle technology to deliver high contrast ratios and high transmittance across a variety of wavebands.

The wavelength ranges of effective polarisation span to the UV region (UV: 340 nm to 415 nm), the visible, and near infrared regions (VIS and IR series: 450 to 5000 nm).

With more than two dozen different standard polarisers available plus the customisable **S series**, there should be a model that covers your application.

The new 2018/19 catalogue can be downloaded **here** or you can get individual polariser information by **contacting us**.



DAli 3 delivers fast auto-alignment with precision via piezo-driven flexure stages

The **Elliot Scientific DAli 3** is an automated photonic device alignment system for the following applications:

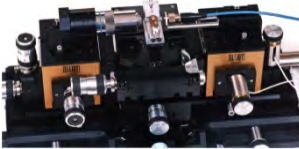
- Fibre-to-fibre coupling
- Fibre-to-waveguide alignment
- Fibre-to-laser diode alignment
- Fibre array-to-device alignment
- Compensation for epoxy drift during pigtailling
- Compensation for drift during long-term characterisation
- Simultaneous alignment of input & output fibres (or arrays) to waveguide device



E2300 DAli 3



E1100 Piezo Controller



Piezo-driven alignment system

A typical DAli 3 system consists of our new 3-channel **E1100 piezo controller**, the USB-equipped DAli 3 interface, and a PC or laptop for driving the easy to use software. A DAli 3 will be demonstrated at **Photonex** next month.

Although designed to complement the piezo-driven versions of the Elliot Gold™ Series range of flexure stages, such as the **MDE123** and **MDE125**, it is also suited to other piezo devices working on 0 to 150 volts.

DAli 3 incorporates the latest in electronics and uses complex software algorithms to quickly deliver precision automated alignment. It does this by locating and optimising an optical feedback signal derived from the components being aligned. It then adjusts their relative position to optimise the signal and therefore their accurate alignment.

The software and hardware package includes many features to enhance use, while also providing the necessary flexibility to allow it to be incorporated into a wide range of photonic alignment tasks for development, test, and production applications.

For more information, options and specifications, please **contact us**.

Next month, meet Elliot Scientific at...



Photonex Europe Live!
10th and 11th October 2018
Ricoh Stadium, Coventry
Stand B10



<p>Products 2018</p>	<p>Optical Tweezers 2018</p>	<p>Opto-Mechanics 2018</p>	<p>Previous Newsletter</p>	<p>2017 Newsletters</p>	<p>2016 Newsletters</p>
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