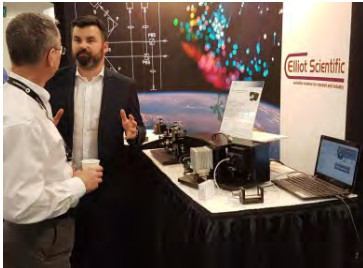


March 2018

## A High Output Tuneable Light Source from Mountain Photonics... *The Hyperchromator*



An efficient monochromator utilising the high-brightness **Energetiq EQ-99X LDLS™** Laser Driven Light Source (*right*) has been developed by **Mountain Photonics**, and was recently demonstrated on our booth at Photonics West.



The **Hyperchromator** uses an off-axis parabolic mirror to focus the broadband light generated by the small plasma spot of the LDLS™ directly onto a diffraction grating, and then off a second mirror to an exit port.

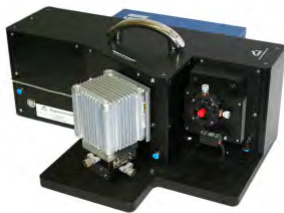
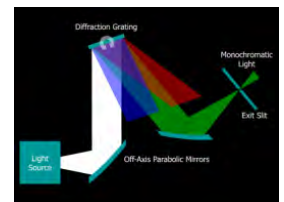
As no entrance slit is used, the optical efficiency of the system is very high - typically  $f/1.5$  or  $f/2$ , depending on the required resolution or throughput. A white light bypass output is also available.

The output port has been designed to allow for a multitude of illumination or light coupling options. By using standard catalogue components, the Hyperchromator can be easily integrated into an application.

The Hyperchromator is controlled via USB/RS-232 and an intuitive GUI, with LabVIEW™ and other software libraries supported.

Existing owners of an Energetiq EQ-99X LDLS™ can add tuneability by purchasing the Hyperchromator unit alone.

Please **contact us** for further details, or download the **datasheet**.



## Siskiyou Go Large: 3" and 4" IXF mounts added, plus stainless steel now an option



The popular series of IXF optical mounts from **Siskiyou Corporation** have been extended with the recent introduction of models that accept 75 mm (3") and 100 mm (4") optics.

These high-performance mounts use a monolithic flexure construction to deliver exceptional stability at a low price point.

Ideal for aerospace applications, the **IXF range** is now available in either aluminium, stainless or nickel-plated steel. Steel construction offers superior mechanical and thermal stability, while aluminium confers lower weight and vacuum compatibility.

The mounts are equipped with lockable 100 TPI adjustment screws and can be fixed to a post or bulkhead by using metric or imperial threaded holes. Please **contact us** for more information.

## RS-7-SWIR latest addition to SpectralLED® models from Gamma Scientific



The RS-7-SWIR offers a  
0.9 to 1.7  $\mu\text{m}$  spectral range

For the ultimate in resolution and accuracy, the **SpectralLED®** tuneable SWIR source incorporates 9 shortwave infrared wavelengths for synthesis of commercially available light sources or a spectra of your own design.

The platform is easily adaptable for automated test systems and production line integration, with integrated optical feedback and temperature control to ensure rock-solid stability and consistent results.

Please **contact us** for more information about this or other **products from Gamma Scientific**.

### Variants

- Standard
- Fibre optic output
- Wafer probe
- Baffle output
- Wide field of view

## EXFO's Yenista Optics acquisition expands their T&M range



EXFO's is now offering more instruments in their fibre-optic test and measurement portfolio following the acquisition of Yenista Optics. In addition to the **TL100S-HP** (formerly TUNICS) laser source; the **OSA** Optical Spectrum Analyser; and the **XFA, XTA and XTM** range of tuneable filters; the **OSICS** multifunction modular platform - which was formerly manufactured by Anritsu - is now EXFO badged.

This instrument has the widest selection of plug-in modules, making it the most flexible platform for DWDM (Dense Wavelength-Division Multiplexing) system evaluation and fibre optic component testing. Up to 8 modules can be mixed and matched in a single OSICS mainframe. The range includes: compact tuneable lasers, a compact transmission laser, broadband light sources, and passive optical functions such as high-power optical attenuators and variable back reflectors.

Please **contact us** for specification and price information for these or the many other **test & measurement instruments from EXFO**.



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



### Magnetism 2018

9th and 10th April 2018, University of Manchester



### Photonex London

18th April 2018, University College London



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