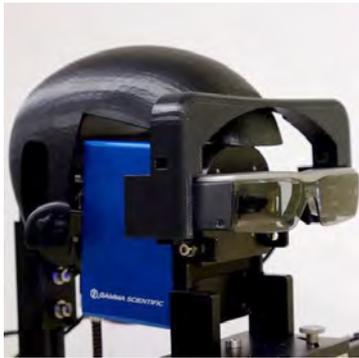


## New Near Eye Display measurement system from Gamma Scientific



The GS-1290 NED test rig

**Gamma Scientific's** Near Eye Display measurement system is designed to accurately capture spectral measurements of Virtual, Mixed, and Augmented Reality headsets plus helmet mounted displays as viewed by the human eye.

These types of display require precise measurement of light in the virtual image field of view, and the GS-1290 NED system is the culmination of decades of experience in developing **display and HUD test systems** for military aviation.

It combines Gamma Scientific's trusted GS-1290 spectroradiometer with optics compact enough to fit within a test rig based on the dimensions of a typical adult human head, thus enabling easy measurements of the left and right eye's view for:

- Luminance and colour uniformity
- Symbology luminance and colour
- Spectral transmittance
- Left/Right eye parallax
- Response time/flicker and MTF are also available as options

Please **contact us** for more details, or **download the brochure**.

## New high power UV-Visible light for microscopy: Introducing Prizmatix's UHP-M DualLED



**Prizmatix's** newly launched self-contained **UHP-M** is an ultra-high power UV-Visible light source designed to replace Metal-Halide and Mercury lamp systems in many microscopy applications.

Incorporating two independently controllable Prizmatix large-chip LEDs, the UHP-M delivers broadband white from a single 55 W LED, and high power UV from a single 10 W LED operating at 365, 385 or 405 nm depending on model ordered. Please **contact us** for more details.

The UHP-M offers:

- Optically isolated TTL & analogue inputs for each channel
- Fast TTL switching
- Low optical noise
- Long life (no lamp replacement)
- Fanless operation
- Remote control\*
- USB interface\*

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\* The UHP-M requires no external control if operating at full power. However, if power levels need to be adjusted, the optional remote control or USB interface will be required.

## New dielectric mirror SLMs from HOLOEYE deliver more than 90% reflectivity



**HOLOEYE** has introduced dielectric mirror coated Spatial Light Modulators (SLMs) to expand the **PLUTO** range of its popular 1920 x 1080 pixel (HDTV) reflective LCOS microdisplay panels.

These new coated SLMs offer in excess of 90% reflectivity and reduced absorption, making them ideal for use in high incident power applications such as with lasers.

Three models are currently available: the PLUTO-UV-043, PLUTO-VIS-056 and PLUTO-NIR-049 for use in the UV, visible and IR respectively. All PLUTO SLMs are plug & play, offer fast full digital addressing, and can be programmed with phase functions via a standard graphics card as an extended monitor device using the supplied software.

Datasheets are in preparation, so please **contact us** so we can send you more information when they are released.

## New tunable broadband plasma light source from Energetiq



- Highest flux output
- Fast wavelength tuning: Up to 200 nm/s
- Etendue-matched monochromator
- High performance optical design
- Fibre-coupled output

**Energetiq** introduced the new Laser-Driven Tunable Light Source (LDLS™) at the recent Photonics West conference and exhibition. The **LDLS™** is a compact, fully integrated and highly stable tunable broadband light source utilising the proven EQ-77 LDLS™ source with an Etendue-matched monochromator. It features the highest brightness and output flux available in a tunable broadband product.

The water-cooled LDLS™ offers an extremely long lifetime (approximately 9000 hours between bulb changes) for low cost of ownership. It has high stability, very low noise, and is coupled with a precision high-performance monochromator for accurate wavelength selection and repeatable light output across the range of 300 to 1100 nm.

The spectral resolution can be customised for application specific purposes and ranges in bandwidth from 1 to 10 nm. The fibre coupled output is both flexible and convenient for delivering wavelength selected light to precisely where it is needed.

OEMs requiring more information, such as detailed specifications and pricing, should **contact us** now.



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