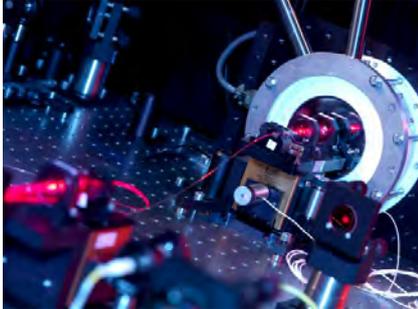
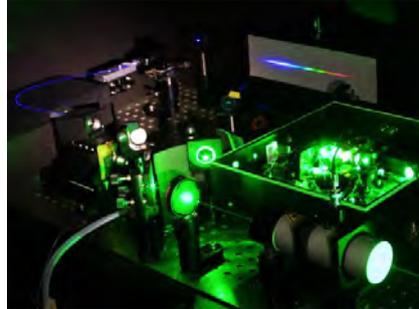


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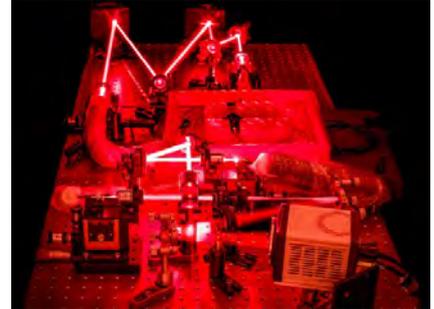
Our Gold Series Flexure Stages support quantum research in many labs worldwide



National Physical Laboratory



Theodor Hänsch, MPI Quantum Optics



Kevin J. Mitchell, University of Glasgow



Swipe through the ten photos above - choose our **browser newsletter** for the best viewing experience - and you'll see our **Gold Series Flexure Stages** being used in light-based experiments probing the secrets of the quantum world.

These versatile Elliot|Martock stages deliver nanometre positioning for fibre launch systems (single-mode, multimode, and polarisation maintaining fibres), waveguide alignment, and other precision photonics applications.

Derived from the immensely popular original stage invented and patented by Martock Design, Elliot Gold™ series XYZ flexure stages offer arcuate displacement (vertical displacement due to longitudinal flexure motion) up to 4x better than competing products.

We will be demonstrating these stages and their accessories, as well as our range of compact stages and dovetail slides (*right*), at **Photonex**. If you are unable to attend, then please **contact us** for more information.

Thanks go out to all persons and institutions who contributed photographs for this section. If you have a photo of any **Elliot|Martock** or **Elliot Scientific** products used in your lab, and would be happy for us to feature them, then please let us know by emailing marcom@elliotscientific.com or tweeting [@elliotsci](https://twitter.com/elliotsci).



It's no trick: Amazing active vibration isolation systems from Accurion



ACTIVE VIBRATION ISOLATION

- **Active platforms**
- **Active workstations**
- **Active supports**
- **Acoustic enclosures**
- **Custom designs**

Accurion designs and manufactures the **Halcyonics** range of advanced vibration reduction systems for science, technology *and* the HiFi enthusiast.

- **Benchtop** units for small to medium-sized applications up to 120 kg
- **Workstations** for the science or medical laboratory, for example IVF
- **Supports** for larger, heavier applications which are usually floor mounted

Active vibration isolation overcomes the limits of passive damping systems, enabling the attenuation of vibrations caused by machinery, people, traffic, even sound waves, that would disturb delicate equipment.

So, whether it's high-resolution measurement, high-precision manufacturing process, or high fidelity sound, **contact us** to get the best performance.

As our demo unit weighs in at 37 kg, we decided not to schlep it to Photonex.

ACCURION

Send this newsletter to 10 of your friends... or else



In the early days of email and the internet, then later with social media, messages circulated asking the reader to forward it on to at least 10 of their friends for good fortune... or bad luck would ensue if they didn't.

Well, we at Elliot Scientific do not promise you riches or ills, but we do ask that if you know of any colleagues who might benefit from reading our newsletter to let them know about it.

They can sign up or read it via our **website**, join the mailing list using this **link**, or just read it online at **Issuu**. Thanks go to **CNgoXkde** for allowing us to use the **photo** of his homemade chainmail - **CC BY**

New RS-7-SWIR from Gamma Scientific covers 900 to 1700 nm spectral range



The multiple award winning **SpectraLED®** tuneable visible light sources from Gamma Scientific combine the output of nearly three dozen discrete LEDs - each having a different centre wavelength - to produce output that can be programmed to closely match virtually any illuminant source or the spectrum of any illuminant reflected by a target.



RS-7 SpectraLED®



RS-7 with fibre-optic outputs



1m integrating sphere fitted with RS-7 illumination

The new SWIR model (*Shown right*) is fitted with 9 short-wave infrared wavelengths for synthesis of commercially available light sources, making it well-suited for calibration and testing of night vision sensors, remote sensing sensors and industrial monitoring equipment.

SpectraLED® Family of Tuneable Light Sources

- **RS-7-1 Benchtop**
75 mm output port & integral integrating sphere
- **RS-7-2 Large Output Port**
Exit ports up to 600 mm dia.
- **RS-7-3 Fiber Optic Output**
Fibre outputs with distal end collimation
- **RS-7-4 Wafer Probe**
Directly replaces lamp-based systems
- **RS-7-5 Baffle Output**
150 mm output with adjustable f/number
- **RS-7-6 Wide Field of View**
75 mm output port with up to 180° FoV
- **RS-7-7 Light Booth**
For CRI experiments
- **RS-7-SWIR**
900 to 1700 nm spectral range



We will be demonstrating a selection of **Gamma Scientific** products at Photonex. If you are not attending, please **contact us** for more information.

Siskiyou engineer with quality and flexibility in mind for life science and photonics



Siskiyou Corporation offers a diverse range of micromanipulators, microscope sample positioners, and modular opto-mechanical building blocks to life science and photonics researchers.

- Single-axis manipulators
- 4-axis manipulators
- Huxley-style manipulators
- Translation stages & slides
- Optogenetics positioner



Siskiyou has been a leading designer and manufacturer of versatile laboratory mechanicals, photonics components and precision positioning products for decades, and Elliot Scientific will be demonstrating a selection of their robust products at Photonex.

From the beginning, these products have been engineered with quality and flexibility in mind. For more information, please **contact us**.

This month, meet Elliot Scientific at...



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





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