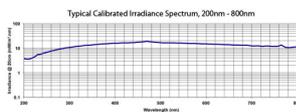


## Energetiq® EQ-99CAL CALIBRATED Laser-Driven Light Source Launched



**Energetiq Technology, Inc.**, has introduced a new calibrated light source to its established line of LDLS™ Laser-Driven Light Sources for use in radiometric calibration. The EQ-99CAL is a calibration light source that covers the complete UV to Visible spectral range with high brightness and stable output levels across that spectrum.

Traditionally, radiometric calibrations have been made using more than one light source, e.g., Deuterium/Tungsten-Halogen, since prior to the introduction of the Energetiq EQ-99CAL no one source could cover from 200 – 800 nm. Additionally, traditional sources need to be recalibrated often and lamp bulbs replaced after only 500 hours of use. The EQ-99CAL has a long interval between calibrations (1,000 hours or one year) and a long bulb life of more than 5,000 hours, resulting in a lower cost of ownership.

The EQ-99CAL has a very strong irradiance in the critical 350 nm range, where in typical systems two separately calibrated Deuterium (D2) and Quartz Tungsten Halogen sources would experience overlap and add uncertainty to the measurement. At 350 nm, an EQ-99CAL exhibits irradiance an order of magnitude higher than these traditionally calibrated D2 and Quartz Tungsten Halogen lamps.

The calibration of the EQ-99CAL is traceable to the National Physical Laboratory (NPL) in the UK, and a certificate of calibration is included with each unit.

For more information, visit our [Energetiq product page](#) or [contact us](#).

## Nuferr's Holmium Fibre Delivers at 2 Microns



**Nuferr's** award-winning Holmium doped active fibres now push the operational wavelength of their standard range out to 2150 nm as the result of years of research and development. The eye-safe Ho-doped standard fibres come in two geometrical configurations - a 25 µm core diameter with a 250 µm clad diameter, and a 40 µm core diameter with a 400 µm clad diameter.

The fibres achieve 60% efficiency when resonantly pumped with a Thulium fibre laser at their optimal operating wavelength range of between 2000 and 2150 nm. This makes them an ideal choice for a variety of medical lasers as well as power scaling for a host of military laser applications such as LIDAR. The fibres feature a double-clad design and the recently developed NuCOAT™ coating technology that affords greater durability and a longer service life.

For more information about this new and exciting fibre, [watch this video](#) or [contact us](#).

## For Portable Thermometry, Nomad Leads The Way



Offering a 500 °C measuring range with ±0.5 °C accuracy - from -200 to +300 °C (or °F equivalent) – the **Neoptix Nomad™** Fibre Optic Portable Thermometer offers impressive versatility. Easily seen readings on the large backlit LCD display are complemented by an icon-based menu system that gives access to all functions. Datalogging sessions can also be viewed directly on the display, while the single button SnapLog feature allows recording of a temperature measurement with a time and date stamp. Key features include:

- -200 to +300 °C with ±0.5 °C accuracy
- SD card datalogging plus RS-232 connectivity
- Calibration free

For more information about this and other [Neoptix products](#), please [contact us](#).

## iGuide Fibres cover the UV to Mid-IR Waveband



**IRphotonics** offers the iGuide™ range of advanced infrared fibre optics designed for use in industrial, medical, telecom, defence and aerospace applications. Based on a ground-breaking process allowing the production of infrared fibre with exceptional properties in the 300 to 5500 nm optical window, iGuide™ can also transmit light from UV to the mid-infrared allowing for a wide range of multi-spectral applications.

- Single- & Multi-mode Infrared Fibres
- Doped & Indium Fluoride Mid-IR Fibres
- High Power Mid-IR Fibres

For detailed specifications and pricing, please **contact us**.

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