Ultrafast Spectrometer Manufacturer



Overview

UltraFast Innovations GmbH (UFI®) was founded in 2009 as a spin-off from the Ludwig-Maximilians-Universität München (LMU) and the Max Planck Institute of Quantum Optics (MPQ), in particular from the groups of Professors Ferenc Krausz and Ulf Kleineberg. YOUR KEY to innovation and success. Edmund Optics is the exclusive global distributor of UFI optics to the. The HELIOS system is the most convenient we've used for ultrafast transient absorption detection, and achieves excellent signal-to-noise with very little day-to-day adjustment. The technical and customer support have been excellent. We are very happy with the overall performance of our Helios/Eos. NLIR's MIDWAVE Spectrometer is a fast, portable, and versatile tool for measuring mid-infrared light in the 2. Designed for applications requiring high-speed and accurate spectral measurements, it captures. Our products cover the spectrum from the UV-VIS-IR range all the way down to the XUV/soft X-ray-range. No other. Use our ultrafast lasers to study processes on femtosecond or picosecond timescales or use the broadband output for 2D applications. Performance and Stability Don't compromise – get the shortest pulse widths and rock-solid stability.

© 2026 EXF OPTICAL NETWORKS - All rights reserved

Article Content

Ultrafast Systems | Products for time-resolved spectrometry

Ultrafast Systems offers cutting-edge solutions for laser science and technology. Find out more about our products for time-resolved spectrometry and services today.

Ultra-fast spectrometer

Find your ultra-fast spectrometer easily amongst the 25 products from the leading brands (Shimadzu, SCIEX, Avantes, ...) on DirectIndustry, the industry specialist for your professional purchases.

UltraFast Innovations GmbH, profile with contact details

UltraFast Innovations (UFI) is a premium manufacturer of custom-made optics, broadband coherent sources, diagnostic devices and engineering solutions in

RK Tech Ltd.

Ultrafast Systems is expert in the design and manufacture of optical spectrometers with high time resolution, with particular focus on femtosecond and picosecond time scales. Our family of products

Ultrafast Spectroscopy

Use Coherent ultrafast lasers to study processes on femtosecond or picosecond timescales or use the broadband output for 2D applications.

Spectrometer Manufacturers

A Spectrometer is a scientific instrument used to measure and analyze the properties of light over a specific portion of the electromagnetic spectrum. The leading manufacturers of Spectrometers are

SPECTROMETERS & ACCESSORIES

Find the perfect spectrometer and accessories for your research needs with Ultrafast Systems. Shop now for the latest high-performance equipment.

About UFI

UltraFast Innovations (UFI®) is a manufacturer of custom-made optics, broadband coherent sources, diagnostic devices and engineering solutions in ultrafast science.

HIGH SPEED SPECTROMETERS

These spectrometers work across a broad spectral range (UV-VIS – NIR – SWIR) and are designed to maximize the probe light throughput in HELIOS and EOS

© 2026 EXF OPTICAL NETWORKS - All rights reserved

Acquisition of Class 5 Photonics – LIGHT CONVERSION

Light Conversion Acquires Class 5 Photonics GmbH Light Conversion has acquired Class 5 Photonics GmbH, a Hamburg-based ultrafast laser system manufacturer, bringing together decades of

Elemental Analysis Solutions & Analytical Instruments | SPECTRO

SPECTRO is a preferred manufacturer in many industries, such as metals, chemicals, petrochemicals, environmental, pharmaceuticals, geology, food and more. Our analytical solutions help achieve

Halcyone Fluorescence Upconversion Spectrometer

HALCYONE is a fully automated Fluorescence Upconversion Spectrometer. It features our patented automated beam alignment system and can measure

Helios Transient Absorption Spectrometer | Ultrafast Systems

HELIOS is an automated femtosecond Transient Absorption Spectrometer designed to work with a variety of amplified

Theses and Dissertations Available from ProQuest

Non-Purdue users, may purchase copies of theses and dissertations from ProQuest or talk to your librarian about borrowing a copy through Interlibrary Loan. (Some titles may also be available free of

Ultrafast Systems Profile on GoPhotonics

Ultrafast Systems was formed in 2002 and is headquartered in Sarasota, Florida. Ultrafast Systems specialize in the design and manufacture of time-resolved laser spectrometers. Ultrafast Systems

Spectrometers | UV VIS NIR | Avantes

Shop Avantes spectrometers covering UV, VIS, and NIR ranges — compact, modular, and built for precision measurement.

Spectrometers from Ultrafast Systems

Spectrometers from Ultrafast Systems are listed on GoPhotonics. We have compiled a list of Spectrometers from the Ultrafast Systems website/catalog and made their products searchable by

Ultra Bright Spectrometer | Manufacturer | Supplier

LightMachinery is a manufacturer and supplier of the ultra-bright spectrometer, which is ideal for remote sensing and observing a few bright lines. Learn more

© 2026 EXF OPTICAL NETWORKS - All rights reserved

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

Contact Us

Continue your research online:

Website: https://explosivefunctions.co.za
Technical inquiry: https://explosivefunctions.co.za/contact.html
EU project coordination: Parque das Nações, Lisbon, Portugal

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

© 2026 EXF OPTICAL NETWORKS - All rights reserved