

## PRODUCT OVERVIEW

# Molecular Spectroscopy



Photoluminescence • Raman • UV-Vis • FTIR • Transient Absorption

From world leading fluorescence spectrometers, to best-in-class Raman microscopes, Edinburgh Instruments' dedication to high quality bespoke systems is unrivalled.

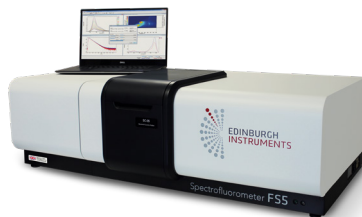
We are recognised internationally as a company that offers maximum flexibility and exceptional quality in both instrumentation and services. Highlighted in this product overview are the most popular products from our Photonics division.

## PHOTOLUMINESCENCE SPECTROMETERS



### FLS1000 PHOTOLUMINESCENCE SPECTROMETER

A state-of-the-art, modular photoluminescence spectrometer for the most demanding applications. Setting the standard in both steady state and time-resolved spectroscopy with market-leading sensitivity.



### FS5 SPECTROFLUOROMETER

A fully integrated, purpose-built spectrofluorometer. Suited for analytical and research laboratories, the FS5 can handle the speed of routine analysis and the sensitivity of demanding research requirements.



### MINI-TAU DEDICATED LIFETIME SPECTROMETER

Dedicated time-correlated single photon counting (TCSPC) spectrometer for fluorescence lifetime with outstanding temporal resolution. Upgradable to multi-channel scaling (MCS) for long decays.

## RAMAN CONFOCAL MICROSCOPES



### RMS1000 RAMAN AND BEYOND

An open architecture research grade confocal Raman microscope. Its highly flexible and modern design allows for state-of-the-art multimodal imaging for any application.



### RM5 COMPACT RAMAN MICROSCOPE

A compact and fully automated Raman microscope for analytical and research purposes. The truly confocal design is unique to the market and offers uncompromised spectral resolution, spatial resolution and sensitivity.



3000+

High-specification systems in leading universities and industry across the world

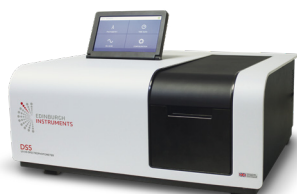


50+ years

Development and manufacture of state-of-the-art spectroscopic instrumentation for over 50 years

# ABSORPTION

UV-VIS | FTIR | TRANSIENT ABSORPTION



## DS5 DUAL BEAM UV-VIS SPECTROPHOTOMETER

A high performance dual-beam spectrophotometer suitable for many analytical applications where accurate and precise measurements are key to your results.



## IR5 FOURIER TRANSFORM INFRARED SPECTROMETER

A high performance benchtop spectrometer perfect for many analytical and research applications with optional photoluminescence accessory.



## LP980 TRANSIENT ABSORPTION SPECTROMETER

Measuring transient absorption, laser-induced fluorescence and phosphorescence, an all-in-one instrument with advanced control and analysis software.

# LASERS & LEDS

PULSED DIODE LASERS/LEDS & GAS/TERAHERTZ LASERS



## EPL/VPL/HPL PULSED DIODE SOURCES

A variety of pulsed diode lasers and LEDs for time-resolved measurements, covering every need from picosecond time resolution up to high-power pulses of adjustable length.



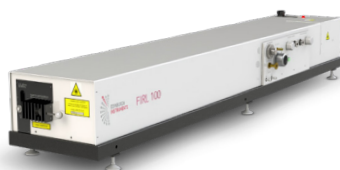
## AGILE® TUNABLE WHITE LIGHT SOURCE

A wavelength-tunable, high brightness supercontinuum laser providing picosecond pulses with variable kHz to MHz repetition rates.



## PL CO / CO<sup>2</sup> LASER

The PL series of continuous wave (CW), grating tuned, infrared gas lasers, sets the standard for high power, stable sources for a wide variety of applications



## FIRL FAR-INFRARED LASER

FIR (Terahertz) lasers are used in applications where coherent radiation in the range of 40  $\mu\text{m}$  to 1.22 mm (0.25 – 7.5 THz) is required.



# EDINBURGH INSTRUMENTS

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