Edinburgh Instruments has been providing high performance instrumentation in the Molecular Spectroscopy market for over 50 years. Our benchtop FTIR, UV-Vis absorption, and transient absorption spectrometers are designed with a focus on their applications, from routine analysis in industry to demanding research.

**DS5**

**UV-VIS SPECTROPHOTOMETER**

A HIGH PERFORMANCE DUAL BEAM INSTRUMENT SUITABLE FOR MANY ANALYTICAL APPLICATIONS WHERE ACCURATE MEASUREMENTS ARE KEY TO YOUR RESULTS.

Utilising a dual lamp and Czerny-Turner configuration monochromator, the DS5 features a compact, reliable and high throughput optical system which ensures impressive spectral performance. It can be configured with PC control software or as a standalone instrument using the touchscreen included in every DS5 unit.

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**Key Features**

- **Variable Bandpass**
  - at 0.5, 1.0, 1.5, 2.0 or 4.0 nm over the range 190 nm – 1100 nm

- **Fast Scanning**
  - up to 6,000 nm/min to aid sample analysis throughput

- **Visacle® Software**
  - designed for PC control of the DS5 and data analysis

- **Touchscreen Interface**
  - with intuitive menus and functions to ensure ease of use for standalone control

- **USB, SD card and internal storage**
  - for convenient retrieval of methods and results
**IR5 FOURIER TRANSFORM INFRARED SPECTROMETER**

IR absorption, transmission, reflectance, and infrared photoluminescence can all be measured in the IR5 using only one software package, Miracle™.

The IR5 is the perfect choice for analytical and research applications such as polymer, semiconductor, and pharmaceutical samples, offering simple operation as well as fast and accurate results.

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**LP980 TRANSIENT ABSORPTION SPECTROMETER**

Setting the standard for technical performance required in a premier research transient absorption instrument, with unsurpassed measurement capabilities across a broad range of applications.

A fully computer-controlled turn-key system with comprehensive user-friendly software and modular design enabling maximum flexibility, with unrivalled measurement modes all in one instrument.

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**Key Features**

- **Outstanding Performance**
  - High sensitivity and spectral resolution

- **Photoluminescence Upgrade**
  - Fourier transform PL upgrade with a choice of laser source

- **Maintenance Free**
  - No maintenance required with moisture control technology

- **Miracle™ Software**
  - Powerful and intuitive software designed specifically for the IR5

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**Key Features**

- **All-in-One**
  - Spectrometer for nanosecond transient absorption and laser-induced fluorescence

- **Transients can be measured up to 2.55 µm**
  - To cover a wide range of samples and sample types

- **Integrated ICCD**
  - Allows transient spectra to be measured within one laser flash

- **Advanced Software**
  - For complete computer control of all components and measurements

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