

**PRODUCT OVERVIEW** 

# Absorption Spectroscopy

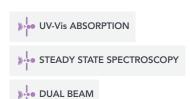


\* Transient Absorption

**Steady State Absorption** 



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.



#### **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.



#### **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<sup>™</sup> Software

powerful and intuitive software designed specifically for the IR5



#### TRANSIENT SPECTROSCOPY



#### **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.



#### **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 measured within one laser flash



#### **Advanced Software**

for complete computer control of all components and measurements

#### **Edinburgh Instruments**

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