


PRODUCT OVERVIEW

Absorption Spectroscopy


 UV to MIR Spectral Range

 Transient Absorption

 Steady State Absorption

 ABOUT US

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.

 UV-Vis ABSORPTION

 STEADY STATE SPECTROSCOPY

 DUAL BEAM

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

FTIR ABSORPTION

MIR PHOTOLUMINESCENCE

STEADY STATE SPECTROSCOPY

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™ Software

powerful and intuitive software designed specifically for the IR5

UV TO MIR ABSORPTION

TRANSIENT SPECTROSCOPY

LASER-INDUCED FLUORESCENCE

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 be measured within one laser flash



Advanced Software

for complete computer control of all components and measurements

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