



JASCO (UK) Limited
 18 Oak Industrial Park
 Chelmsford Road
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BUSINESS REPLY SERVICE
 Licence No. XXX XX



The new FT/IR-4100 and FT/IR-4200 were designed to provide the operational features and sensitivity levels found only in more expensive instruments. Each instrument can be easily upgraded to meet new requirements as needed including the addition of an MCT detector, or microanalysis with the IRT-3000 FT-IR microscope, or even infrared imaging with the IMV-4000 multi-channel microscope.



The new Jasco FT/IR-6100, FT/IR-6200, and FT/IR-6300 offer the highest level of performance for a wide range of critical research and development applications with measurements from the near to the far infrared regions (15,000–50cm⁻¹). Boasting the industry's highest signal-to-noise ratio, the FT/IR-6300 is equipped with a rapid scan capability for real time analysis of reaction kinetics. For faster time-resolved infrared measurements, a Step Scan option is also available for all three models. Interfaced with the IMV-4000 multi-channel infrared microscope, the FT/IR-6000 Series offers advanced capabilities for dynamic process analysis including dynamic imaging experiments.



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www.jasco.co.uk

AFTER 40 YEARS SPENT REDUCING NOISE, JASCO CAN NOW MAKE SOME OF ITS OWN.



THE FT/IR-6000 SERIES SPECTROMETER. THE WORLD'S HIGHEST SIGNAL-TO-NOISE RATIO.



WITH OUR NEW FT/IR-4000 AND FT/IR-6000 SERIES, WE'VE GOT SOMETHING TO REALLY SHOUT ABOUT.

We've always been proud of our achievements. 40 years' experience in infrared spectroscopy. A complete FT-IR capability. A comprehensive product portfolio designed for every type of analysis, from educational and routine to high-performance and technologically advanced. Plus, an impressive array of customers across a wide variety of industry sectors.

Until now, we've gone about our business in a fairly quiet way.

But with the latest addition to our product line, we feel it's time to get more vocal.

A whole new standard for performance, flexibility & speed of operation.

The new JASCO FT/IR-4000 and FT/IR-6000 Series systems redefine the application of infrared spectroscopy. Based on a highly stable corner-cube interferometer, they both feature the innovative technology incorporated in our AccuTrac™ DSP mirror tracking system. This guarantees exceptional reproducibility of interferometer mirror velocity and position – resulting in an exceptionally high signal-to-noise ratio. And there's more. The Quick Start System offers sample measurement and data processing functions with a simple push of a button. An auto-alignment facility ensures that, after changing optical components, or after relocating an instrument, performance of the instrument is kept to the optimum. Whilst the Baseplate Purge™ System, or a total vacuum option, ensures greater sensitivity across all spectral ranges.



The FT/IR-4000 Series

Robust, high sensitivity FT/IR systems for education and routine analysis

- Higher signal-to-noise ratio than competitive systems
- Easy, single-step analysis and data processing
- IR imaging with multi-channel microscope and rapid scan option

The FT/IR-6000 Series

High-performance FT-IR with the highest signal-to-noise ratio available

- S/N ratio 50,000:1 with 0.07cm resolution
- Gold optical surfaces for enhanced FT-Raman measurements
- IR imaging, step scan and full vacuum options available

Over 40 years in the making. Less than 40 minutes and you'll want one.

There's not enough room to describe in detail the complete range of features on our new systems. Plus, they have to be seen to be fully appreciated. So, ask for a no-obligation demo – and find out what all the noise is about.

What's more, we will include a new version of **KnowItAll™** Informatics Software – FREE OF CHARGE – in any FT/IR-4000 and FT/IR-6000 Series system ordered before **xxxxxx**.



KnowIt All™ Informatics System, JASCO Edition Software

Enables you to search and access reference spectra, build databases with spectra and property information, and generate high-quality reports. The package includes:

- **SearchIt™** Import your own data and search reference databases as well as your own custom database
- **AnalyzeIt™** Interpret the bands in infrared spectrum for functional group analysis
- **RefineIt™** Process spectral data such as smoothing, baseline correction, and spectral subtraction
- **DrawIt™** Draw chemical structures
- **ReportIt™** Create standard reports, design papers and presentations
- **MineIt™** Build a searchable database of materials common to your laboratory
- **Reference database of 10,000 spectra** included in this package

Please fill in the reply-paid card and return, or complete your details on-line at www.jasco.co.uk/noise

- Please call to arrange a demo
 Please send me more information
 I am more interested in Chromatography

I have no immediate requirement, please contact me in:

3 6 12 months

(Please tick as appropriate)

Name: _____

Position: _____

Company: _____

Address: _____

Post Code: _____

Telephone: _____

Email: _____



JASCO Comparison Proven

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