



• **INVENIO® S** The Productive FTIR Spectrometer

Performance and reliability - the INVENIO is built for both. Enhance your productivity in FTIR analysis and benefit from our innovations.

Features

- User-friendly touch operation with defined workflows
- Integrated ATR sampling
- Second sample compartment (Transit™)
- In-field upgradeability (UV/VIS-FIR, TRS)
- Modern SoC electronics
- Specialized sampling accessories
- Analyze liquids, solids and gases
- Automatic performance tests
- Active monitoring of component status
- Compliant with pharmaceutical regulations
- Access to FTIR microscopy and imaging, TGA and high throughput screening
- Wear-free permanently aligned RockSolid™ interferometer

Quality hardware

The INVENIO is a peak performance FTIR spectrometer focused on maximum efficiency in routine and advanced laboratory analysis. Its state-of-the-art SoC electronics, the precise optics and overall high build-quality lead to excellent Mid-IR measurement sensitivity. The INVENIO S offers adaptability for any IR application. Optimized accessories and extensions are available to provide optimal conditions for your experiments no matter the sample type.

Smart software

Its user-interfaces OPUS and OPUS-TOUCH are among the most powerful software solutions for vibrational spectroscopy. With their comprehensive functionalities for spectra processing, qualitative and quantitative evaluation, and reporting, they always provide the adequate tools for generating clear results. Instrument operation by touch screen further increases productivity by reducing the process of measuring and evaluation to just a few screen taps.

INVENIO makes the most of your FTIR analysis.



The INVENIO can be integrated into any IT network structure. The embedded touch PC offers wireless control and data transfer.



The Transit™ channel is a second, additional sample compartment that gives you parallel availability of two experimental setups.

Your application. Our solution.

The INVENIO is your reliable Partner for a multitude of different tasks:

Based on sample type:

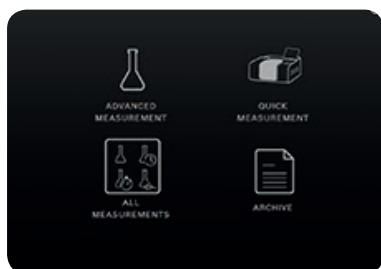
- Raw Materials
- Chemicals
- Polymers
- Pharmaceuticals
- Electronics
- Coatings
- Proteins
- Microorganisms
- Soils

Application based:

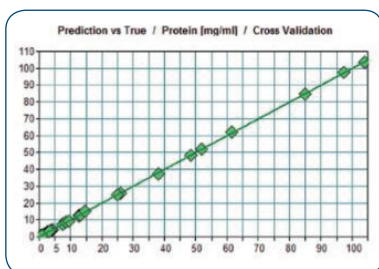
- Quality Control
- Failure Analysis
- Life Science
- Environmental
- Quantification
- Forensics
- Arts and Restauration
- Surface Analysis
- And many more ...



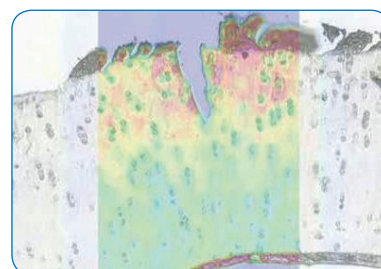
When it comes to FTIR microscopy and imaging the HYPERION provides you with the necessary tools for an extensive micro analysis.



OPUS-TOUCH and its predefined workflows enable fast and unambiguous verification of raw materials. It provides accessibility for FTIR beginners and full instrument control for experts.



With OPUS, little training is necessary to create valid evaluation methods. Qualitative and quantitative results are displayed nice and clear.



Combined with a FPA detector (focal plane array) the HYPERION offers FTIR imaging to answer complex analytical questions on material composition and content distribution.

Technologies used are protected by one or more of the following patents:
US 7034944

**Bruker Optics is ISO 9001
and ISO 13485 certified.**

Laser class 1 product.

www.bruker.com/optics

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