

● **ALPHA** FT-IR Spectrometers

About the size of a lab book, the world's smallest FT-IR spectrometer ALPHA will play a big part in your daily routine. Plug & play set-up, easy-to-use software, combined with QuickSnap sampling modules assure powerful and reliable FT-IR analysis you expect from Bruker.

- Low-cost, small foot print FT-IR spectrometer
- Easy software: an assistant guides you through all the steps of your FT-IR analysis
- Flexibility: QuickSnap sampling modules for transmission or ATR
- RockSolid: robust, high performance results with Bruker's patented interferometer design
- User exchangeable consumables

World's Smallest FT-IR

The new ALPHA will save you the much needed bench space in your laboratory. ALPHA's footprint is the smallest in the world, it only takes up a 22 cm by 30 cm space (about 8" by 11"). ALPHA is light as well, only weighing about 7 kg (about 13 lbs).

Backed by Years of FT-IR Expertise

The new ALPHA is the culmination of what Bruker Optics have pioneered and developed for infrared spectroscopy in over 30 years. Today, we offer the industry's most advanced FT-IR product line. Our success stems from commitment and dedication to giving scientists the proper tool they require to solve a complex research application or a daily quality control routine.

No Sacrifice in Performance

The ALPHA interferometer is based on Bruker Optics' patented RockSolid design, which is used in our laboratory and rugged process spectrometers. This means the ALPHA delivers the performance and reproducible results people have come to expect from a Bruker FT-IR spectrometer.



ALPHA offers full sampling flexibility.



ALPHA will not consume your valuable bench-top space.



ALPHA's Platinum ATR sets new standards in ease of use.

Compact and Rugged

The ALPHA is insensitive to vibrations, and it can be placed almost anywhere, can be moved easily and be immediately operational without any need for alignment. ALPHA delivers excellent sensitivity as well as x-axis reproducibility and stability. Spectrometer components are continually monitored to ensure quality.

Practicality for Routine Analysis

The ALPHA makes FT-IR analysis simpler than it has ever been before. With its plug-and-play operation, easy to set-up and ease of use, ALPHA brings practicality to FT-IR spectroscopy. You can transfer methods from system to system seamlessly for future cost savings on method development. ALPHA offers all the capabilities you expect to achieve for a routine analysis.

Flexible Sampling

The ALPHA offers full sampling flexibility. User exchangeable QuickSnap sampling modules allow the analysis of almost any kind of sample (e.g. solids, liquids or gases). Transmission, attenuated total reflection (ATR), external and diffuse reflection FT-IR sampling accessories are available.

Technologies used are protected by one or more of the following patents: US 5309217; DE 4212143; DE 104025448; DE 19940981; US 5923422; DE 19704598

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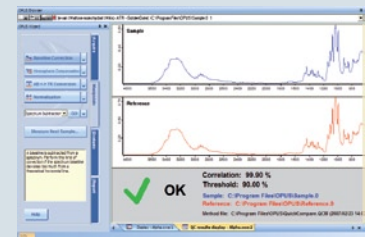
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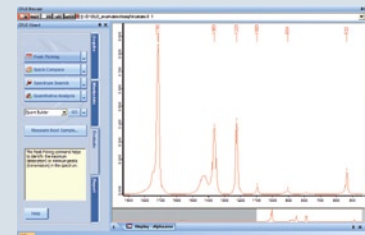
OPUS/Mentor

Easy to Use

The ALPHA makes FT-IR analysis simpler than it has ever been before. The all-new OPUS/Mentor software, with its easy and intuitive user interface, guides the operator through all the steps of an analysis. The user interface can easily be customized for dedicated applications or experiments.



With OPUS/Mentor, your daily quality control routine is in few mouse clicks



OPUS/Mentor is the ideal software for your daily routine work.

Bruker Optics is ISO 9001 certified.

Laser class 1