



• **ALPHA** FT-IR Spectrometers

Specifications

- Spectral range: 375 – 7500 cm^{-1}
- Spectral resolution: better than 2 cm^{-1} , optional better than 0.9 cm^{-1}
- Wavenumber accuracy: 0.01 cm^{-1}
- Interferometer: RockSolid, gold mirrors, permanently aligned
- Detector: DTGS
- Instrument qualification: Automated instrument test functionality
- Available measurement techniques: transmission, ATR, reflection
- Dimensions: 22 x 30 x 25 cm (w x d x h)
- Weight : 7 kg
- Temperature range : 18 – 35° C
- Computer interface : Ethernet
- Operating system : Windows XP
- Spectrometer power: 100 - 240 VAC, 50 - 60 Hz, 20 W

Software:

OPUS/Mentor is designed to save you valuable analysis time. An intelligent assistant always suggests the next step during your analysis process.

OPUS/Mentor includes:

- step-by-step assistant
- Online help
- Multimedia FT-IR tutorial
- Measurement
- Data pre-processing routines
- Peak labelling
- Compare spectra
- Spectra interpretation tool
- Search spectra in a library
- free starter library
- Create user own libraries
- Quantification (Lambert-Beer's Law)
- Analyze peak areas and heights
- Automation capabilities
- Run, create and edit macros
- Lab journal
- Predefined print layouts, customizable print layouts
- Easy data export to other programs
- Automated instrument test routines, 2 level (OQ, PQ)
- Permanent display of instrument status (traffic light)
- Multi level user management, user log-in
- GMP/GLP compliance, Audit trail

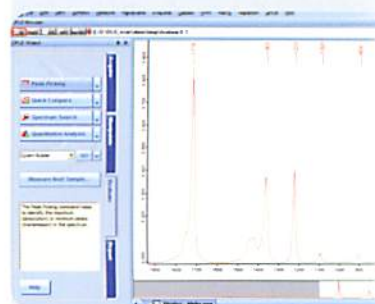
OPUS/Mentor

Easy to Use

The ALPHA makes FT-IR analysis simpler than it has ever been before. The 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.



OPUS/Mentor makes your daily quality control just a few clicks.



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

Laser class 1 product.
Bruker Optics is ISO 9001 certified.

www.brukeroptics.com

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