

Addition of a Monochromator to your GD spectrometer

Instruments: JY 5000, JY 10 000, GD-Profilor, GD-Profilor HR

Treat your instrument the flexibility that it deserves. The addition of a monochromator is possible on any GD instrument equipped with a polychromator, N channels. The monochromator allows for measuring any N+1 element in depth profile or any additional lines in a bulk analysis with superior optical resolution.

With its HDD detector, the Image mode allows for recording of the full emission spectrum of a sample or thick layer in a couple of minutes, for identification of lines and comparisons of spectra.

Benefits of this upgrade

- ▶ ▶ ▶ Access to any wavelength.
- ▶ ▶ ▶ Simultaneous measurement of any additional elements combined with lines of the polychromator during surface measurement.
- ▶ ▶ ▶ No alteration of polychromator adjustment or performance.
- ▶ ▶ ▶ Unique Image capability:
acquisition of the whole spectrum (160 - 800 nm) and comparison with a library of spectra.

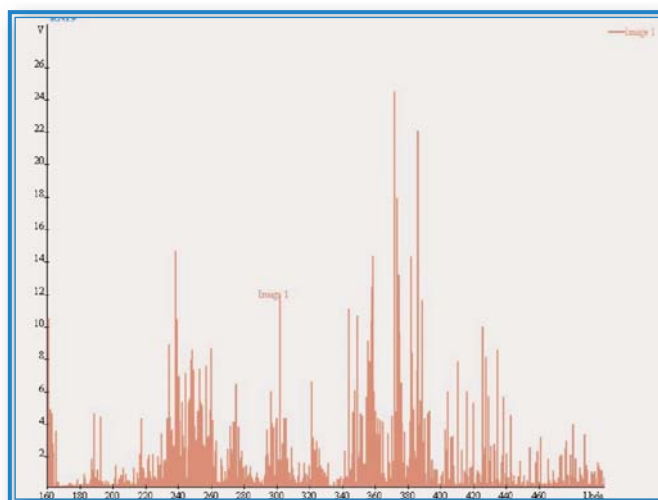
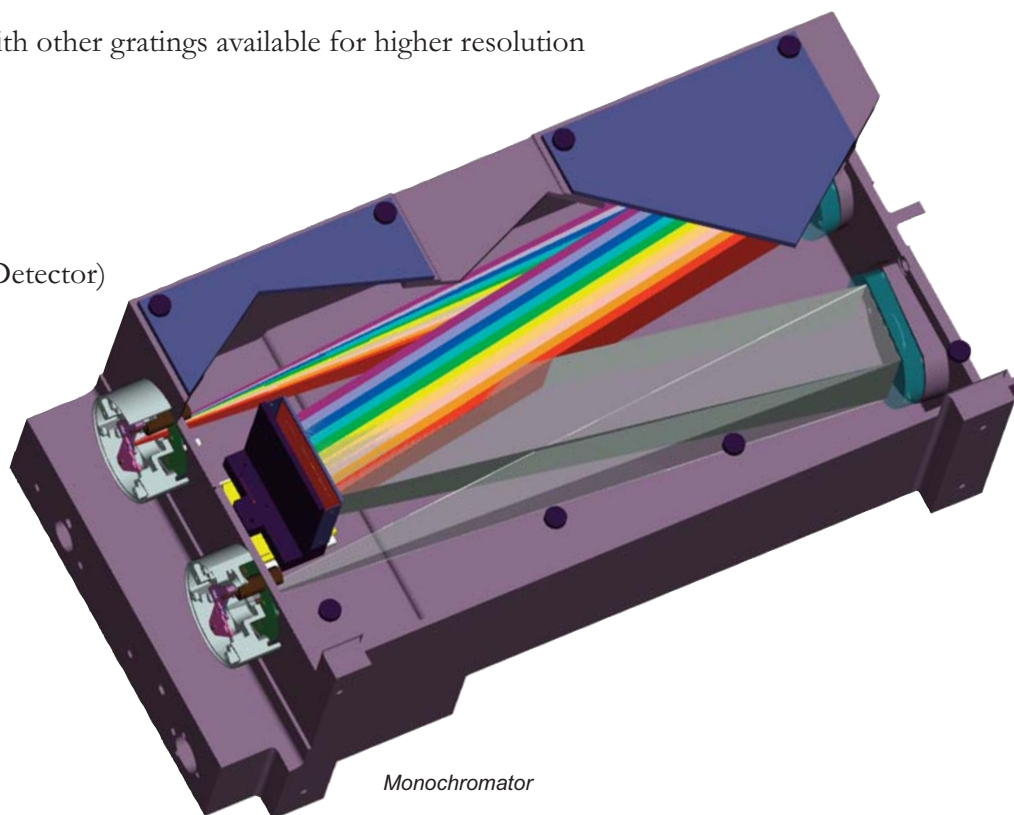


IMAGE spectrum



This upgrade includes:

- ▶ ▶ ▶ Monochromator, 64 cm focal length for JY 5000, GD-Profiler GD-Profiler 2; 1 m focal length for JY 10 000, GD-Profiler-HR.
- ▶ ▶ ▶ 2400 gr/mm grating with other gratings available for higher resolution
- ▶ ▶ ▶ Optical interface
- ▶ ▶ ▶ Acquisition electronics
- ▶ ▶ ▶ HDD (High Dynamic Detector) for Image
- ▶ ▶ ▶ Image software
- ▶ ▶ ▶ Training



Monochromator

Price range : please contact our service Division at 33 1 64 54 13 42

A wide range of support

Spectralink upgrades - Generator upgrade - New sample holders -
 Calibration and recalibration standards -
 Training - Analytical assistance - Maintenance -

Please contact our service division by phone at 33 1 64 54 13 42 for more details and a customized offer

or by email at SAS-eA@jobinyvon.fr

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