



*****NEW PRODUCT BULLETIN*****

Multichannel Electron Energy Analyzer

LK Technologies is pleased to introduce a new high resolution analyzer for extremely rapid data recovery while maintaining high energy resolution. The analyzer is versatile and can be supplied for both electron energy analysis (photoemission, EELS) as a stand-alone analyzer or as part of an advanced High Resolution Electron Energy Loss Spectroscopy (HREELS) system. Please contact the company for further details.

Model EA5000MCA –Multichannel Electron Energy Analyzer

Model ELS5000MCA—Multichannel HREELS Spectrometer

Key Features and Performance Advantages:

Wide Gap Cylindrical Analyzer with Nearly Ideal Fringe Field Correction

Multichannel Plates for Simultaneous Data Collection over 800 channels

100-150x Detection Efficiency over Conventional Instruments

High Transmission Zoom Lens System

Complete Spectra Acquired in a Few Seconds to a Few Minutes

Maintain High Instrumental Resolution to 1 meV

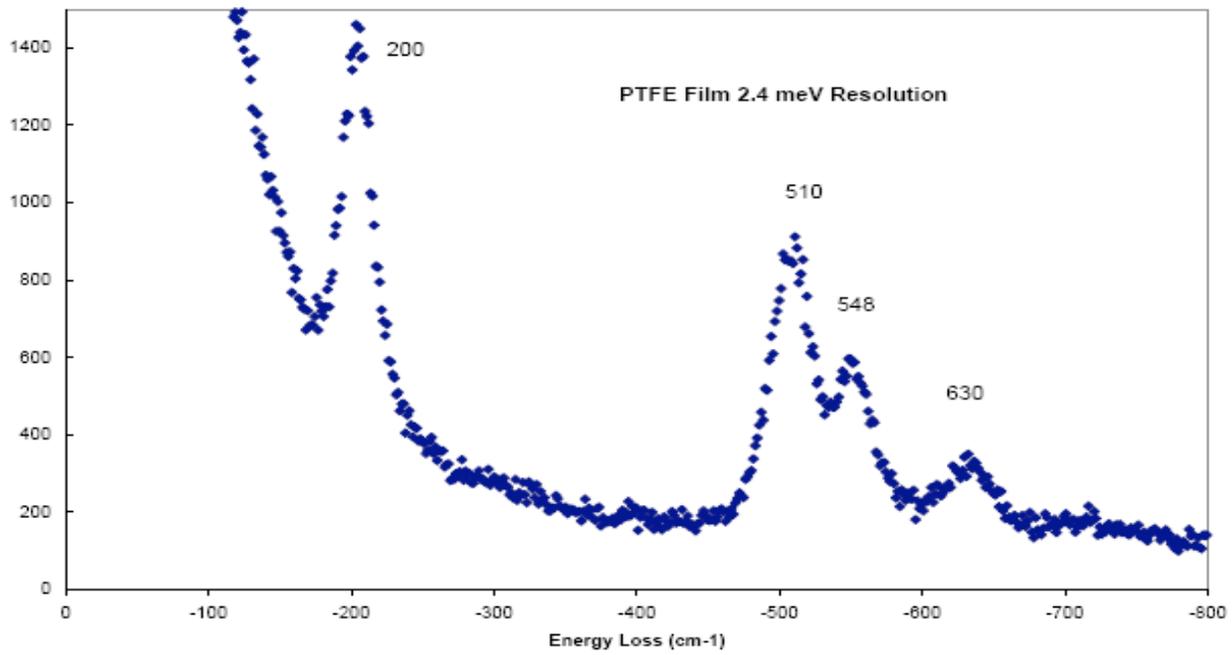
Combine with the ELS5000 Monochromator for High Performance HREELS

Analyzer may be retrofitted to the ELS5000 Spectrometer

Available with special transfer lens for longer working distances

Spectrum below shows high resolution vibrational modes on a polymer film taken in 3 minutes with no smoothing or spectral restoration techniques

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