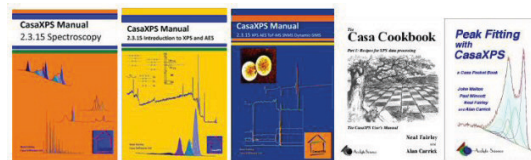# data analysis software for XPS

CasaXPS

description

CasaXPS processing software offers powerful analytical techniques for both spectral and imaging data. The system originally designed for XPS and Auger data now offers features covering a wider range of analytical techniques including ToF SIMS, dynamic SIMS, and many more.

Transferring data from RBD's AugerScan to CasaXPS is as easy as copying and pasting. CasaXPS can also import data from a variety of other formats, making it an ideal choice for laboratories with several surface analysis instruments from different manufacturers. Using a single program for data analysis will improve your work-flow and reduce training time.

There is also a full line of CasaXPS manuals available, including Parts 1 & 2 of the CasaXPS Cookbook.

benefits

- Full quantification including transmission correction
- Configurable quantification reports
- Background type ranging from the standard Linear, Shirley, and Tougaard to user-defined cubic-spline approximations
- Asymmetric and symmetric line-shapes: Doniach-Sunjic, Voigt, Gaussian-Lorentzian, and line-shapes defined from data
- Easy-to-use propagation of processing, annotation, and peak models to other data
- Batch processing for repetitive tasks, including configurable processing, display layout with automatic printing and report generation
- State-of-the-art image processing for XPS spectromicroscopy offering quantified chemical-state XPS images