

# SurfaceScienceSoftware.com

## XPS

Data acquisition and processing software for Windows XP and Vista.



### Auger and XPS data acquisition

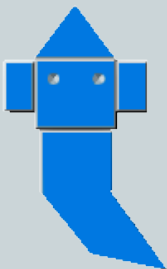
- Full user choice of acquisition parameters
- Software switch between XPS and AUGER mode
- Two point energy calibration
- Multiple scan run in a batch mode Up to 10 acquisition scans per experiment
- Repetitive fast scan mode for sample set up
- Target current monitoring
- Analogue mode for lock-in acquisition
- Digital mode with 40Mc/s counter for pulse counting application
- Automatic save of data ASCII data for Excel import
- Multiple spectrum display for comparison
- Context sensitive help
- Auto Zoom and Expand facility
- Direct energy mapping to DAC Auto and manual re-scaling during run

### Operation modes

- AUGER
- XPS, ELS, UPS

### For further information contact

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## Auger and XPS data processing

- Savitzky-Golay fitting analysis
- Background subtraction options
- Peak half width determination
- Spectrum addition and subtraction
- Smoothing options
- Manual despiking facility
- Integration and differentiation
- Full annotation
- Full bitmap save facility for spectrum

## System requirements

- Minimum: Pentium III with 256Mb RAM/20 Gb Hard Disk
- Recommended: Pentium 4 with 512Mb RAM
- Windows VISTA and XP Professional

## Fast scan and peak detector

- Peak finder for a fixed energy
- Pause and continuous scan facility
- Real time oscilloscope trace
- with dynamic parameters

## Hardware

- Computer interface
- All necessary cables

## System upgrades

- SEM
- SAM SEM
- Electron gun controller

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