

AugerScan 3.2.0 Update Information

- Ion Gun Control settings can now be saved/recalled.
- Neutralizer Control settings can now be saved/recalled
- SIMS Positional Alignment settings can now be saved/recalled
- Electron Gun Settings are automatically recorded in gun properties (requires AugerMap 2).
- Neutralizer settings are automatically recorded in gun properties.
- When used as a TV raster, 20-320/73-070 Neutralizer Control automatically turns TV raster and SED on/off when appropriate (requires AugerMap 2)
- Zalar Rotation is available for AES Depth Profiles.
- 80-360 Analyzer Control used with a PC-137 now supports Small/Large lens area control.
- Manual X-Ray source control selection now allows different source/filament combinations to be tracked in order to recall settings (Photon Energy, Work Function, etc.)
- Gain Offset adjustment allows different X-Ray source/filament combinations to have different scale factor adjustments.
- Input (VF1, PC1, etc.) is now displayed on information sidebar as well as printed with acquisition information.
- Can track System I.D. and Comment with acquisition.
- Can track Sample Properties (index, angle, and comment) for manual stage controls
- Sample Properties (index, angle, and comment) for digital stage controls can be edited after acquisition is acquired.
- Option to automatically Export to ASCII text when saving file.
- Option to Export system information (I.D. and Comment) in ASCII text file.
- Option to Export sample/stage properties in ASCII text file.
- Option to Export gun settings in ASCII text file.
- SIMS Multiplexes and Depth Profiles can be acquired using single Peak Mass (instead of range).
- SIMS Alignments are now acquired using Peak and range (instead of limits). Alignment fonts can be enlarged for easier viewing.
- SIMS Analyzer settings are now automatically printed with acquisition informations.
- Option to print gun settings with acquisition information.
- Peak mass can be changed in real-time during SIMS Alignment.

AugerScan 3.1.2 Update Information

- **72-030 Neutralizer Users:** In order to support some of the newer PHI system configurations, it was necessary to [make some changes](#) to the control of the 72-030 neutralizer.
- **Automation for large sample and indexing stages: stage manipulation, sputtering, and acquisition (all types and techniques) can now be automated for unattended control.**
- Survey limits (for all techniques) can be expanded past original limits
- New options for End-of-Acquisition alarm – can now specify sound (from Windows sounds or audio files), as well as separate volume control
- Improvements to 32-095 and 32-096 source controls

- Improvements to SIMS survey and depth profile log graphs
 - Fixed problems editing and saving gun settings for previously acquired SIMS surveys
 - Fixed problems with ASCII export small step sizes are used in surveys
 - Corrected rounding errors when editing raw data
 - Zoomed graphs now display correct energies for unusual survey step sizes
 - Improvements to curve-fitting multiplets
 - XPS Multiplexes – can now perform data transformation after shifting a region's limits
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AugerScan 3.1.1 Update Information

- 72-205-5 and 72-205-7 motor control cards moved to DR11C. (all "LS" and 5500-5700 XPS instruments only)
 - 32-095 X-ray Source Control - can now assign all properties to each anode individually (material, photon energy, work function, power, etc.)
 - Added 32-096 X-ray Source Control support
 - Improvements to MCD acquisitions on XPS systems
 - Improvements to SIMS positional alignment dialog for easier control of ion gun and neutralizer during acquisition
 - Added 06-610 Ion Gun support (20-320/73-070 Controls)
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AugerScan 3.1 Update Information

- Ability to reverse polarity for 11-065 ion gun controls.
 - Atomic concentration can be displayed using 1 or 2 decimal places
 - Curve-fit bands can now have comments
 - Curve-fit band comments and indices can optionally be placed on graph
 - Curve-fit band line colors are user selectable
 - Curve-fit result line color is user selectable
 - Curve-fit summary table parameters can be turned on or off for display.
 - Curve-fitter now automatically selects best location to add new bands
 - Curve-fitter now automatically adjust intensities when loading fits from other data sets.
 - SIMS Maps can be acquired
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AugerScan 3.0.2 Update Information

- Alignments - scale is now "locked" to max counts
- Alignments - previous sweep in is now shown in grey
- Surveys - option to see previous data in grey
- Finalized Multipak export function
- Improved control of LS stages

