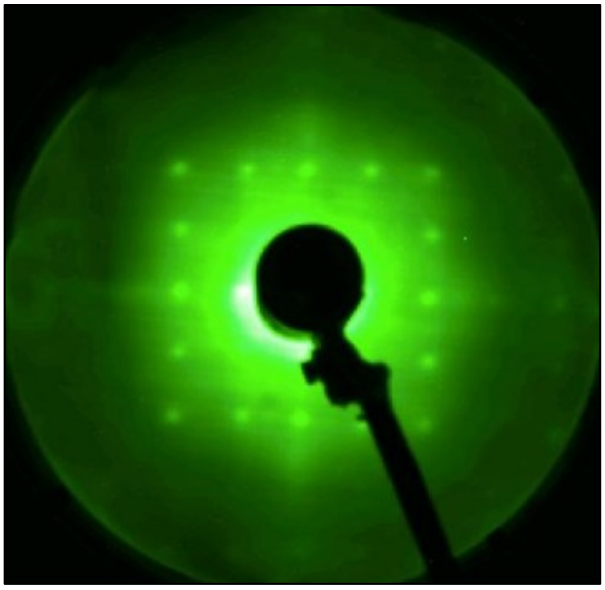
Direct Control and Analysis of LEED Images from Your kSA 400

The kSA 400 is ideal for LEED imaging. The LEED IV plug-in option automatically tracks the evolution of the Low Energy Electron Diffraction pattern to obtain Intensity versus accelerating Voltage curves. In addition, acquire a movie of the entire IV acquisition for future playback and analysis. Designed by k-Space engineers to integrate seamlessly into the kSA 400 system, the LEED IV plug-in option combines a kinematic scattering algorithm for tracking and a 16-bit D/A controller board with cables for LEED energy control. For the scientist who needs IV data, the LEED IV plug-in gives instant results at an affordable price.



Features

- Sophisticated tracking algorithm that uses kinematic scattering, intensity tracking, or both for accurate IV acquisition.
- LEED IV acquisition mode includes detailed energy control and tracking data saved just like kSA 400's Scan Mode.
- Standard 12-bit dynamic range, or optional 14-bit dynamic range and high S/N ratio digital cameras.
- Complete exposure control and frame averaging, yielding the highest quality quantitative images for analysis.
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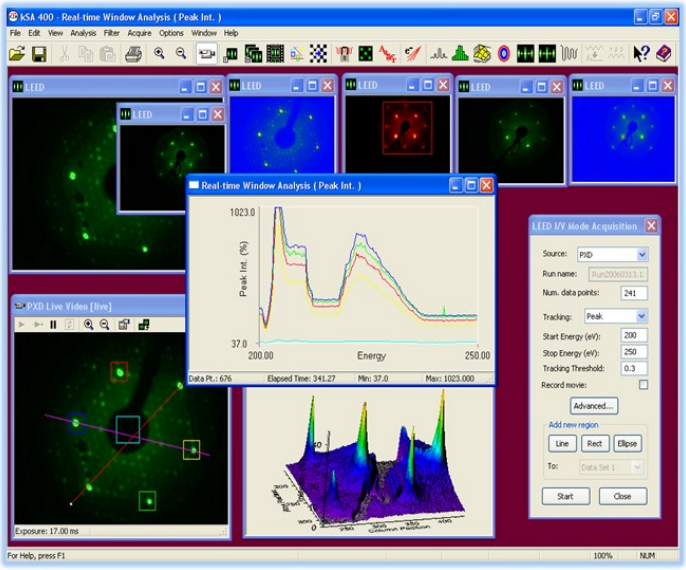
Simple Software and Interface



Your partner in thin-film metrology

k-Space Associates, Inc., is a leading supplier to the surface science and thin-film technology industries. Since 1992, we've delivered the most advanced thin-film metrology tools and software thanks to close collaboration with our worldwide customer base.