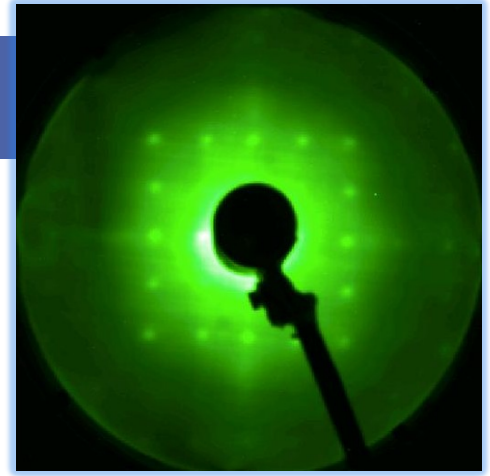




k-Space Associates, Inc.

kSA 400 LEED I-V Plug-In Option



Direct Control and Analysis of LEED Images from your kSA400

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

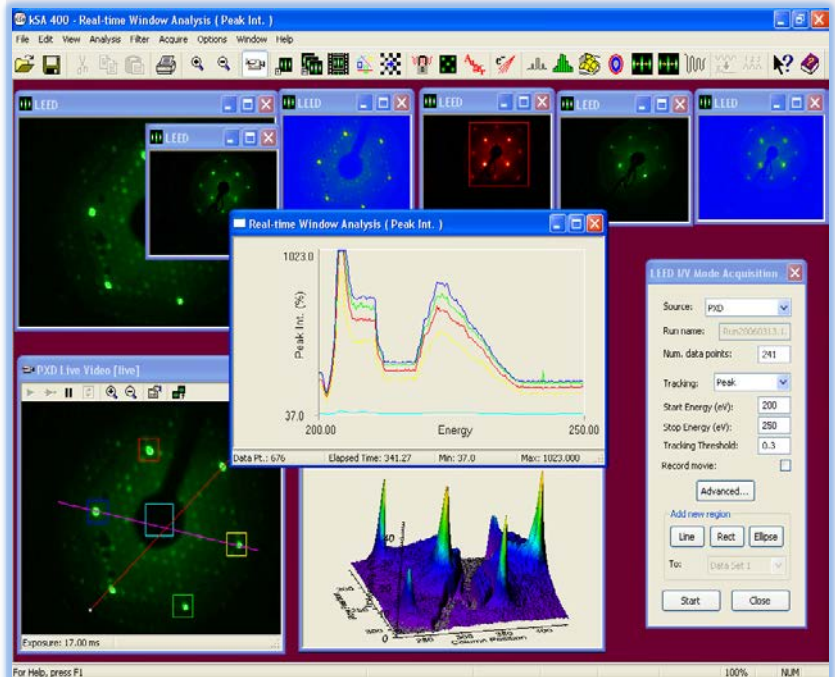
LEED IV acquisition mode includes detailed energy control and tracking data saved just like kSA 400's Scan Mode

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

Complete exposure control and frame averaging, yielding the highest quality quantitative images for analysis

Simple Software and User 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.