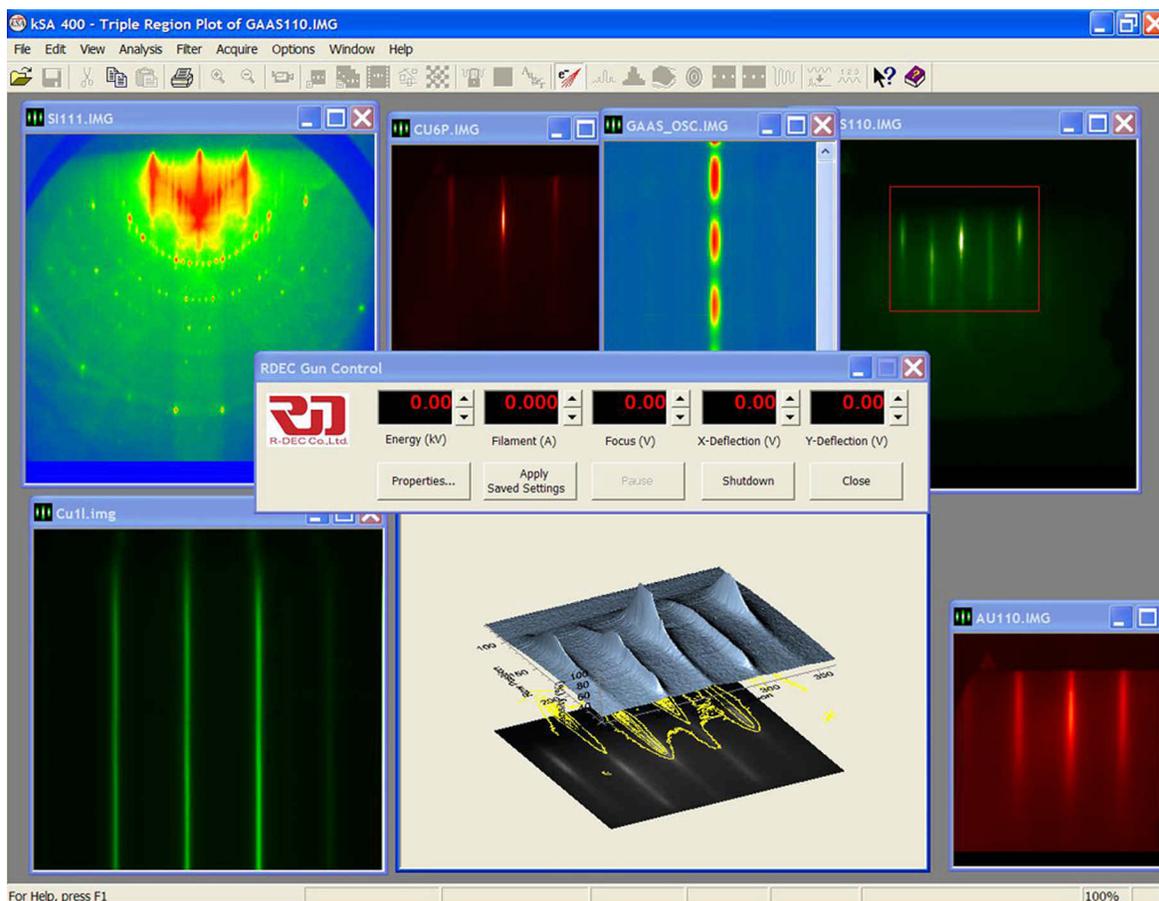


# R-DEC Gun Control



The kSA 400 R-DEC Gun Control Plug-In allows you to utilize the full capabilities of your R-DEC electron gun. The software provides the ability to store gun control settings and immediately ramp to them, as well as fine-tune settings while simultaneously viewing the diffraction pattern.



Utilizing a 16-bit D/A board for precise gun settings control, the Gun Control Plug-In generates a “front panel” control center for complete gun operation from your computer. Combining this control center with the multi-threaded kSA 400 system, complete gun control with simultaneous acquisition and analysis is obtained yielding the ultimate in analytical RHEED.

- Integrated “front panel” allowing gun control settings to be modified while performing other tasks (like acquisition, analysis, etc.).
- 16-bit resolution control of all gun parameters.
- Simultaneous viewing of diffraction pattern and gun control front panel on computer display.
- Preset, user-defined gun control settings, allowing immediate ramping to desired diffraction conditions.

*The kSA 400 Gun Control Plug-In allows you to maximize the features of your R-DEC gun and get the most from your analytical RHEED system. Please contact us for details and pricing.*