

LAUE-COS

unique features and options

Utilizing the Laue technique and a 150 mm x 100 mm back reflection camera, single crystals can be oriented in a few minutes. Designed for research labs and production environments. Manual and motorized options for X,Y stages. Manual and motorized goniometer options for chi, psi and phi rotation. Optional adapters for saw cutting, for easy transfer of single crystals from the Laue system to a saw.



2ND GENERATION BACK REFLECTION CAMERA

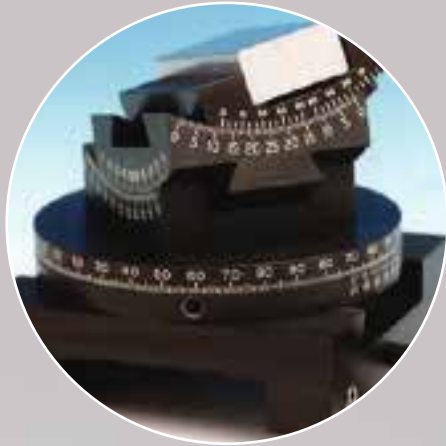
Low noise, high dynamic range
cooled sensor technology for
sharp Laue images.



X-RAY TUBE

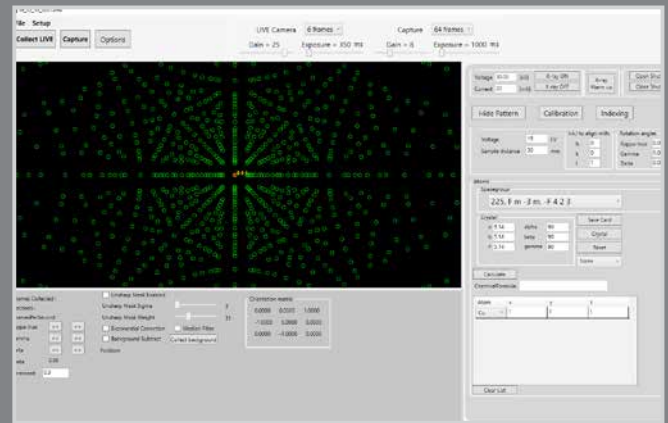
Our Tungsten x-ray tube
is produced in-house to
provide you with the best
quality, performance,
warranty and support.





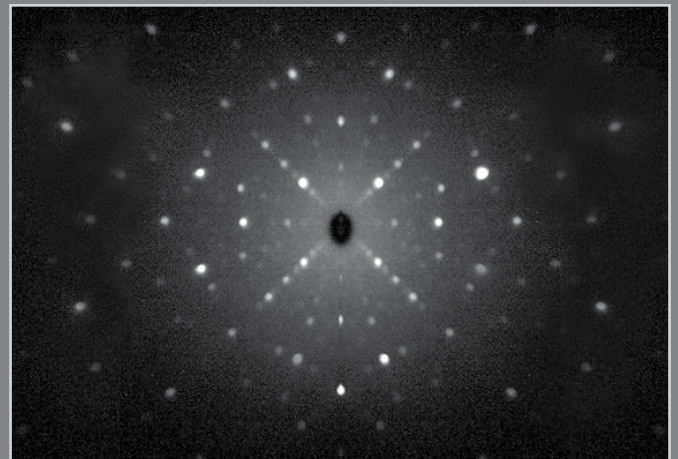
3-AXIS GONIOMETER

Manual goniometer for mounting of samples for crystal cutting.



XRDWIN 2.0 LAUE SOFTWARE

Our XRDWIN 2.0 Laue software is designed for both operating our single crystal Laue orientation systems and data analysis of Laue patterns. Standard features include a comprehensive set of tools for analyzing patterns, indexing and reorienting crystals.



CUSTOMIZATION

We understand that project requirements often require custom system specifications. Our team can customize your Laue system with various features and accessories to meet all your project needs.

AVAILABLE OPTIONS:

- Side-reflection, back-reflection and transmission geometries
- Automated 3-axis goniometers
- Manual or automated X, Y, or Z axis (100 mm) for sample positioning

