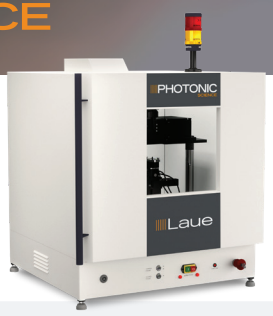
PHOTONIC
SCIENCE

Which Laue is right for your appllication?





	Laue	Laue-LT
Active Input Area (h) x (v) mm	≈ 155 x 105	≈ 76 x 105
Input Pixel Size of 61.1 µm square	2570 x 1710	1285 x 1710
Detector Exposure Time Range	1 ms to 15 min	1 ms to 15 min
Pixel Binning Option	✓	✓
Typical Exposure Time Ranges	1 s - 30 s	120 s - 240 s
Pixel Binning from 1x1 to 8x8	✓	✓
Crystal Orientation Down to Accuracy	0.1°	0.2°
Solution from Random Si Orientation	≈ 5 s	≈ 5 s
Alignment Camera (top viewing of the sample)	✓	×
Laser Distance Measurement Tool	✓	Pointer arm
Motorised Axis **Z:** +/- 20 mm, **X:** +/- 25 mm, **Y:** +/- 100 mm adjustments with 20 microns accuracy and maximum 10kg load capacity	✓	Manual stages as standard; Maximum Y movement of +/- 10 mm
Automated Point-Scanning Routines	✓	×
Motorised Goniometer and Rotation Axis	✓	Manual as standard
Beam Size on the Sample	450 µm	Adjustable down to 1 mm
Sealed X-ray Tube with Tungsten Target	✓	✓
Average Spectrum on Sample (Bremsstrahlung)	5 - 29 keV	5 - 50 keV
PSEL X-ray Generator Fast automatic ramp up/down procedures software controlled up to 50 kV and 1 mA: ie. 50W power	✓	✓
Forced-Air Cooling	✓	✓
Requires Single Mains Power Connection	✓	✓
Standard Build Cabinet Dimensions	W 689 x D 676 x H 800 mm	W 649 x D 450 x H 874 mm
Custom Workbench Cabinet mount with space for monitor, keyboard and mouse (150 x 75 x 83 cm)	✓	✓
Reference Si Sample	✓	✓
X-ray Source Alignment Camera	✓	×
PSEL Market-Leading Laue Software	✓	✓

WhichLaue-Rev02-Feb2026

Specialist Camera Solutions

Industrial | Surveillance | Scientific

PRECISOMETER
Official representative of Photonic Science
Product selection, configuration & integration support

Office & enquiries
Precisometer B.V.
Eisingastraat 9
2201 DJ Noordwijk, Netherlands

Talk to Precisometer
info@precisometer.com
precisometer.com/photonic-science

Explore products & discuss your experiment