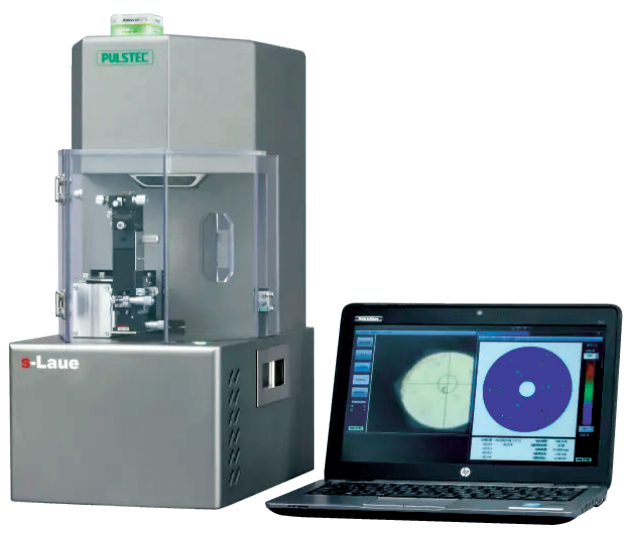


s-Laue Single Crystal Orientation System



The benchtop single crystal orientation system impresses with its unique design. Compared to conventional single-crystal orientation systems, which consist of an X-ray generator, a cooling system, a Laue camera, a sample table and a safety housing, it combines all of these components in one unit.

This new design concept provides highest efficiency for single crystal orientation work.

Features

Benchtop & portable

Compact and lightweight, ideal for most workspaces.

Easy sample setting

Sample stage attachment and XYZ sample position adjustment via an integrated microscope and CCD camera.

Quick to measure single crystal orientation

Acquire Laue image within 80 seconds after sample has been set.

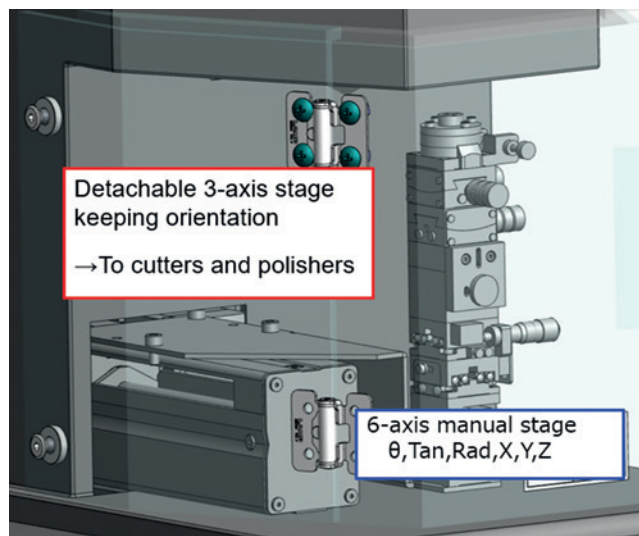
All-in-one unit

Air-cooled X-ray generator, high-sensitive detector, sample stage, and power supply in one compact unit.

Safe X-ray operation

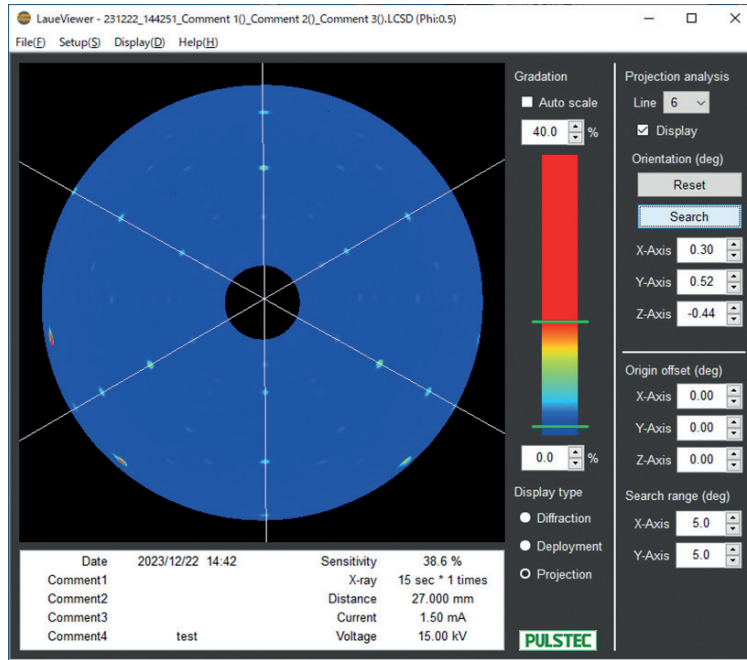
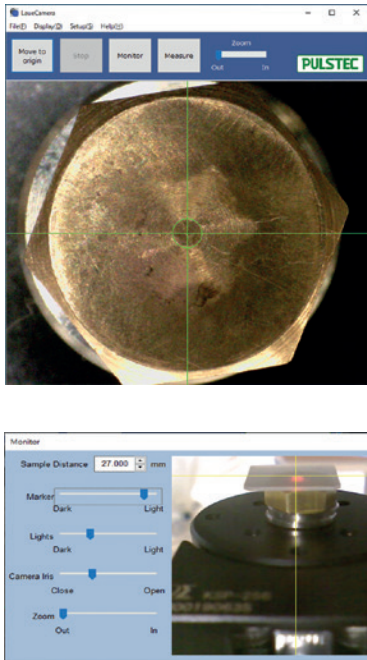
X-ray incidence is vertical downward, no safety box is required.

Sample stage



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Software



Specification	
X-ray source	W (Tungsten)
Voltage/Current	30 kV/1.5 mA
Incident angle	0 degree
Irradiation spot	φ 0.8 mm
Measurement time	80 sec.
Sample stage	6 axis (Θ / α / β / X / Y / Z)
Sample distance	27 mm
Power	AC 100 to 240 V,50/60 Hz
Power consumption	150 W max
Cooling	Air cooling
Safety	Door Interlock
Diameter	W 224 mm x D 414mm x H 480mm
Weight	≈30 kg
Software	X-ray control, sample stage, laue image