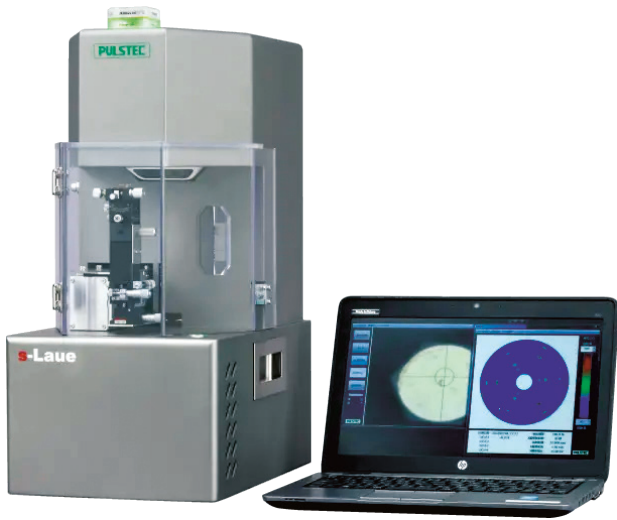


# s-Laue Single Crystal Orientation System



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.

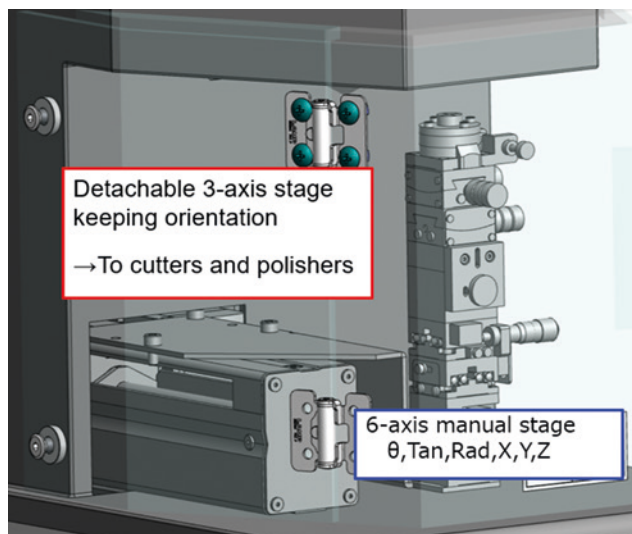
### All-in-one unit

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

### Safe X-ray operation

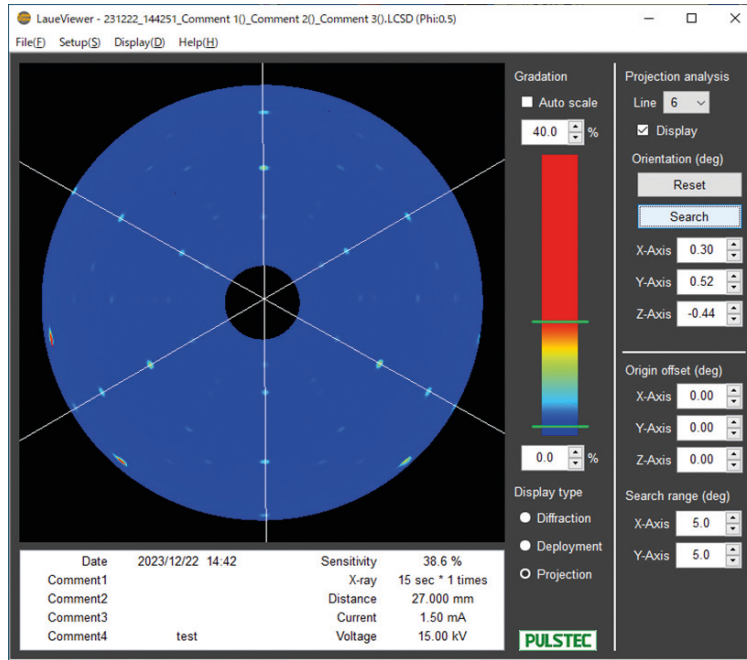
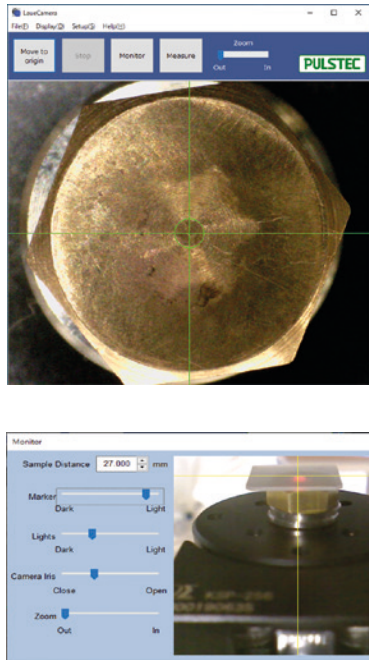
X-ray incidence is vertical downward, no safety box is required.

## Sample stage



# s-Laue Single Crystal Orientation System

## 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