

NEW

X-ray Single Crystal Orientation System

s-Laue/m-Laue

Desktop/Portable, Easy Measurement

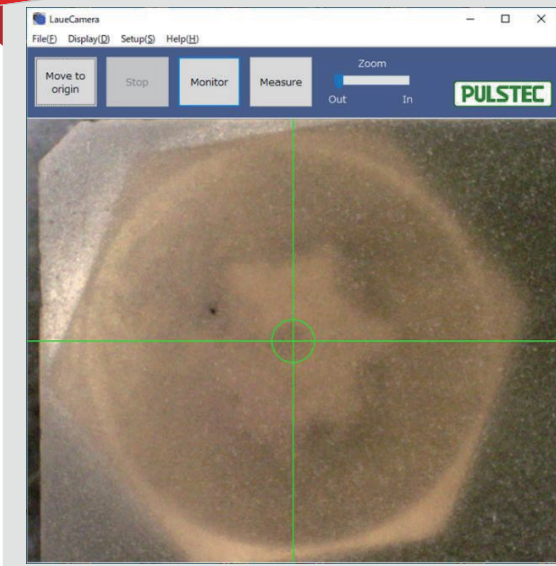
Application / Features

- ◆ Air cooling · Compact
- ◆ Easy operation · Fast measurement
- ◆ Orientation check · Adjustment
- ◆ Crystalline check

Measurement procedure

Step.1

Set the sample (XY)

**Step.3**

Start measurement

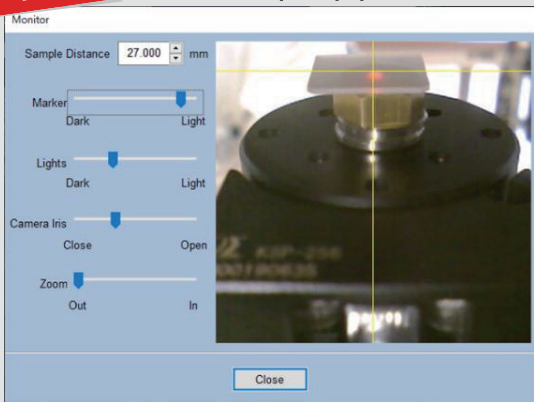
X-ray irradiation

Detection

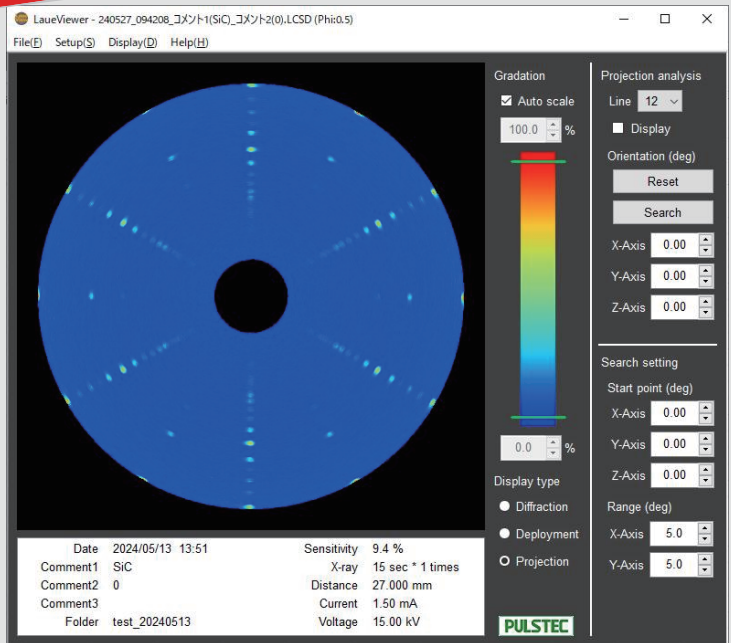
Result display

Step.2

Set the sample (Z)

**Step.4**

Display result



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* 本宣传册所有信息及参数不定期更新, 仅供参考, 详情请直接垂询本公司销售人员。版本号: 20250717



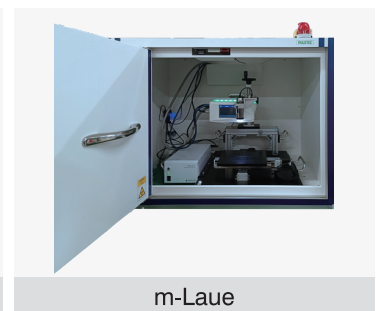
Angle analysis / Sample stage

1. Orient the crystal for cutting
2. Remove the goniometer stage and bring it to the cutting machine

Specification

X-ray source	W (Tungsten)
Voltage/Current	30kV/1.6mA Max.
Cooling	Air cool
Incident angle	Vertical
Irradiation spot	φ0.8mm (Standard collimator)
Sample distance	33mm ※ Recommended
Exposure time	15 Secs ※ Typical
Sample stage	6 axis
	Linear stage: X / Y / Z
	Gonio stage: X / Y / Z -Axis
Power	AC100~240V,50/60Hz
Power consumption	150W max
Size	s-Laue: W224 X D414 X H480mm
	m-Laue: W800 X D600 X H600mm

Equipment



Large sample/On-site measurement

- ◆ Please feel free to ask if the sample is large or on-site measurement, such as single crystal turbine blade. Portable type will be available.



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