

# Resource Summary Report

Generated by [dkNET](#) on Aug 19, 2026

## Rigaku: SmartLab diffractometer

RRID:SCR\_020473

Type: Tool

### Proper Citation

Rigaku: SmartLab diffractometer (RRID:SCR\_020473)

### Resource Information

**URL:** <https://www.rigaku.com/products/xrd/smartlab>

**Proper Citation:** Rigaku: SmartLab diffractometer (RRID:SCR\_020473)

**Description:** Automated multipurpose X-Ray diffractometer with guidance software. Power diffraction, thin film metrology, SAXS, in plane scattering, and operando measurements.

**Resource Type:** instrument resource

**Keywords:** Rigaku, XRD, Instrument Equipment, USEDit,

**Availability:** Commercially available

**Resource Name:** Rigaku: SmartLab diffractometer

**Resource ID:** SCR\_020473

**Alternate IDs:** Model\_Number\_SmartLab

**Record Creation Time:** 20220129T080350+0000

**Record Last Update:** 20260815T182637+0000

### Ratings and Alerts

No rating or validation information has been found for Rigaku: SmartLab diffractometer.

No alerts have been found for Rigaku: SmartLab diffractometer.

### Data and Source Information

**Source:** [SciCrunch Registry](#)

## Usage and Citation Metrics

We found 3 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [dkNET](#) .

Leng D, et al. (2024) Effect of K<sup>+</sup> Diffusion on Hydration of Magnesium Potassium Phosphate Cement with Different Mg/P Ratios: Experiments and Molecular Dynamics Simulation Calculations. Materials (Basel, Switzerland), 17(5).

Matsunaga T, et al. (2024) Rapid start-up of carbon-free H<sub>2</sub> production by ammonia oxidative decomposition over Co/Ce<sub>0.5</sub>Zr<sub>0.5</sub>O<sub>2</sub> with microwave irradiation. iScience, 27(8), 110452.

Ye Y, et al. (2021) Efficient and durable uranium extraction from uranium mine tailings seepage water via a photoelectrochemical method. iScience, 24(11), 103230.