

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 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: 20260808T190154+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 [SPARC SAWG](#) .

Leng D, et al. (2024) Effect of K⁺ 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 H₂ production by ammonia oxidative decomposition over Co/Ce_{0.5}Zr_{0.5}O₂ 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.