

Resource Summary Report

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PRICISION X-Ray: X-Rad320 irradiator

RRID:SCR_026275

Type: Tool

Proper Citation

PRICISION X-Ray: X-Rad320 irradiator (RRID:SCR_026275)

Resource Information

URL: <https://precisionxray.com/system/x-rad320/>

Proper Citation: PRICISION X-Ray: X-Rad320 irradiator (RRID:SCR_026275)

Description: Self-contained X-ray system for delivering precise radiation dosage to specimens in biological or small animal research laboratory. The shielded cabinet includes Adjustable Specimen Shelf, Sample Viewing Window and Beam Hardening Filter Holder. TouchRAD Control Panel is multi-user, password protected touch screen interface with transportable database that can track individual system usage. Passwords, programmed exposure settings, and database management are controlled by super-user. X-ray tube is used specifically for radiation therapy having highly homogenous beam. Options available include: Dose Measurement & Control, Motorized Specimen Shelf, Turntable, Fixed Beam Collimators, Adjustable Collimator, and Specimen Holding Fixtures.

Synonyms: , X-Rad320 irradiator

Resource Type: instrument resource

Keywords: irradiation, precise radiation dosage to specimens, biological or small animal research laboratory,

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/main/PDF/SCR_026275.pdf

Resource Name: PRICISION X-Ray: X-Rad320 irradiator

Resource ID: SCR_026275

Alternate IDs: Model_Number_X-Rad320

Record Creation Time: 20250111T053334+0000

Record Last Update: 20260829T183424+0000

Ratings and Alerts

No rating or validation information has been found for PRICISION X-Ray: X-Rad320 irradiator.

No alerts have been found for PRICISION X-Ray: X-Rad320 irradiator.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Calderon-Aparicio A, et al. (2026) S6K1 Modulates STAT3 Activation to Promote Resistance to Radiotherapy in Lung Cancer. International journal of molecular sciences, 27(4).

Kohl S, et al. (2026) CXCR2 affects sensitization of radioresistant HPV-negative head and neck squamous cell carcinoma cells by ABT-263. Radiation oncology (London, England), 21(1), 33.

Turnquist A, et al. (2026) PI3K?? inhibition alters CD8 T cell differentiation and reprograms the tumor microenvironment following adoptive immunotherapy. Journal of immunology (Baltimore, Md. : 1950), 215(5).

Gasperetti T, et al. (2026) Multi-organ acute and delayed effects following exposure to neutron radiation. iScience, 29(7), 116380.

Zeng T, et al. (2025) ANXA1 binds and stabilizes EGFR to promote nasopharyngeal carcinoma radioresistance. Molecular cancer therapeutics.