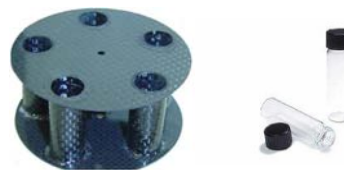


The **Rad Source Technologies' RS 2500** provides a *powerful, safe, and reliable* radiation source for **Viral Inactivation**. Unlike the other radiation sources, cobalt-60 and cesium-137, Rad Source utilizes their patented X-ray technology to generate multiple 4pi ionizing radiation fields *without* a radioactive source. Because there is no radioactive source, the RS 2500 does not have any special storage or licensing requirements and personnel do not require background checks nor radiation badges to operate. The lack of a radioactive source allows for easy shipment to almost anywhere in the world without any specialized shipping containers or security requirements.



RS 2500

The RS 2500's new light-weight, waterproof, carbon fiber reinforced resin vial holders and canisters, maximizes the utilization of the unique Rad Source 4pi radiation fields, resulting in a more uniform dose delivery.

Technical Specifications*

- Dose Rate: 900,000 rad/h (9.0 kGy/h)
- Beam Uniformity: Better than $\pm 7\%$
- Number of Canisters: 1 per cycle or up to 4 vial holders
- Processing Canisters: Diameter 3" (7.62cm) to 7" (17.78cm), height 8" (20.32cm)
- Cabinet Dimensions: Length 82" (209cm), Width 33" (84cm), Height 51" (130cm)
- Cabinet Weight: Net 5439 lbs (2467 kg)
- Power Requirements: US 208 VAC, European 400 VAC
- Cooling system with high capacity water to air heat exchanger (external unit)
- Dual 4pi Au Target Emitters (capable of adding an additional 2, 4pi Target Emitters)

Features and Benefits

- Just-In-Time supply management helps to control costs
- Safe, the unit is self-shielded, 21CFR1020.40 compliant, with no radioactive source
- Secure, system is password protected
- Turn-key installation
- Easy to operate using a simple, easy-to-read touch pad
- Service and Support – 12 month full warranty and a 24 month X-ray tube warranty
- 5SAP – 5-year Source Assurance Program eligible
- Does not require a US Nuclear Regulatory Commission (NRC) license

*Technical specifications are subject to change, please contact your Rad Source representative for the most current information.



Leading the Way in Non-nuclear Irradiation

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