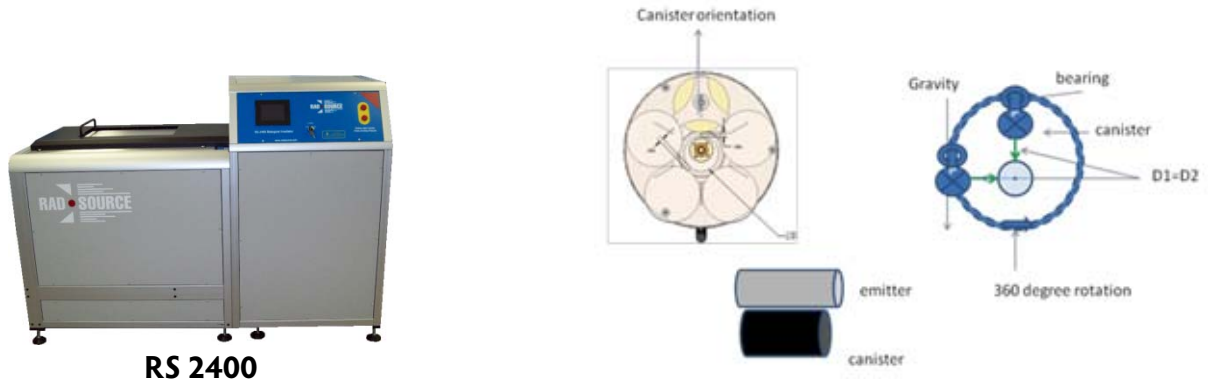


The **Rad Source Technologies RS 2400** provides a safe and reliable radiation source for **Sterile Insect Technique (SIT)**. Unlike the other radiation sources, cobalt-60 and cesium-137, Rad Source utilizes their patented X-ray technology to generate a 4pi ionizing radiation field *without* a radioactive source. Because there is no radioactive source, the RS 2400 is much safer, less expensive to own and operate, and can be easily shipped to almost anywhere in the world.



RS 2400

The RS 2400's new carousel system, combined with the light-weight, waterproof, carbon fiber reinforced resin canisters, maximizes the utilization of the unique Rad Source 4pi radiation field, resulting in a more uniform dose delivery.

Technical Specifications*

- Dose Rate: 18 - 70 Gy per minute based on product density and canister size
- Beam Uniformity: Better than $\pm 7\%$
- Number of Canisters: 5 - 7 per cycle based on product density and unit configuration
- Processing Canisters: Diameter 3" (7.62 cm) to 7" (17.78 cm), Height 6" (15.24 cm)
- Cabinet Dimensions: Length 72" (183 cm), Width 33" (84 cm), Height 51" (130 cm)
- Cabinet Weight: Net 2350 lbs (1066 kg)
- Power Requirements: US 208 VAC, European 400 VAC
- Cooling system with high capacity water to air heat exchanger (external unit)
- Single 4pi Au Target Emitter

Features and Benefits

- Just-In-Time supply management helps to control costs
- Safe, the unit is self-shielded 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.



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