

RS 2400V X-RAY IRRADIATOR



15 Liters of Product Per Cycle with a Dose Rate ~12 Gray Per Minute: *That's the Convenience of the RS 2400V.*



Safe and Reliable SIT

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



Photo Credit: Danny Chapman from Oxford, England - Flickr: Light Brown Apple Moth - Epiphyas postvittana

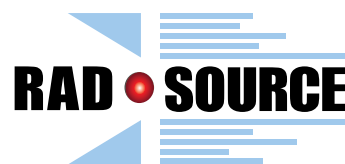
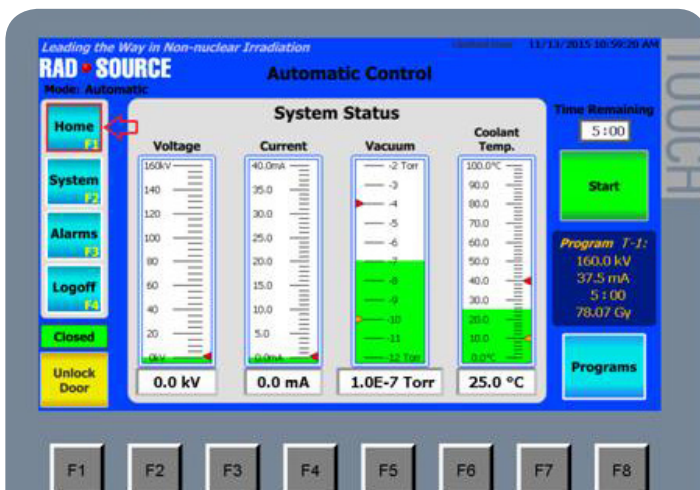
Features and Benefits

- Single QuaStar® X-ray Tube
- Reliable - Proven 99% Uptime
- 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
- Does not require a US Nuclear Regulatory Commission (NRC) license



RS 2400V Carousel

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



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radsources.com

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Patents: See www.radsources.com/patent.

MKT011-12/18 Rev 3

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Technical Specifications*

- Dose Rate: 10 - 20 Gy per minute (0.46 g/ml)
- Dose Uniformity Ratio (DUR) of 1.5
- Processing volume: 5 or 15 L per cycle
- Maximum capacity design: Six, 830 ml canisters (5 L total capacity) or Five, 3 liter canisters (15 L total capacity)
- Cabinet Dimensions: 47" x 75" x 34" (120 x 191 x 86 cm)
- Cabinet Weight: Approx. 2500 lbs. (1133.98kgs)
- Power Requirements: 60Hz, 208-240VAC, single phase, 40amps

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

Additional Specifications

- Features one QUASTAR® X-ray Tube
- Single chamber design with integrated multi-canister carousel
- 12 month Parts and Labor warranty, 24 month Tube warranty (EXCLUDES TRAVEL and SHIPPING)
- Two safety interlocks

Includes:

- Dual work shelves
- Mounted on casters for easy installation and cleaning

Requires:

External Water Cooling Module (needs to be provided by end user).

Minimum Specifications:

- Minimum 14,000 BTU's per hour
- Inlet / Outlet Connections 1/2" NPT
- 5 Gallons per minute
- Must maintain temperature of 65-85 degrees

Contact Rad Source representative for full water chiller requirements.

Sample Water Chiller. Available from your local Turmoil Representative



Visit us online to explore our latest products and services!

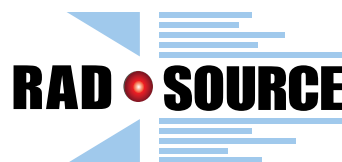
RadSource.com

RS 2400V



- System has no radioactive source
- Manufactured as a Cabinet X-Ray Device.

Contact Us to Learn More About How the RS 2400V Can Help Your Facility Today!



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Patents: See www.radsource.com/patent

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