RS 2400V X-RAY IRRADIATOR



featuring QUASTAR™

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

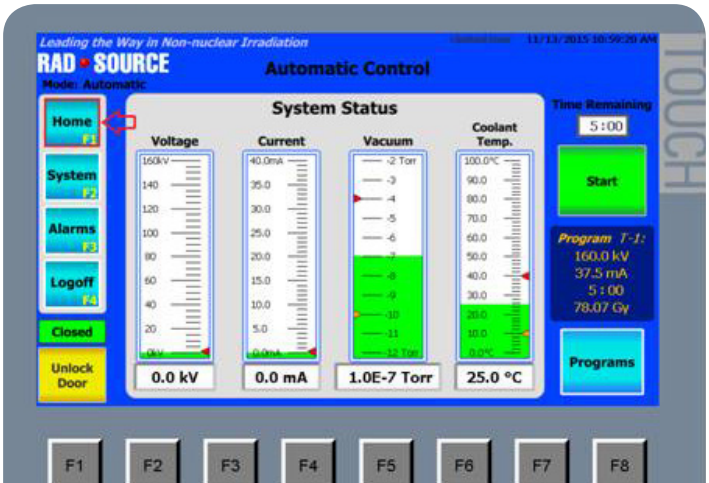
The Rad Source Technologies RS 2400V featuring QuaStar™ X-ray tube technology is a safe and reliable radiation source for Sterile Insect Technique (SIT). Unlike the other radiation sources, cobalt-60 and cesium-137, Rad Source utilizes their patented X-ray technology to generate a 4 pi ionizing radiation 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.

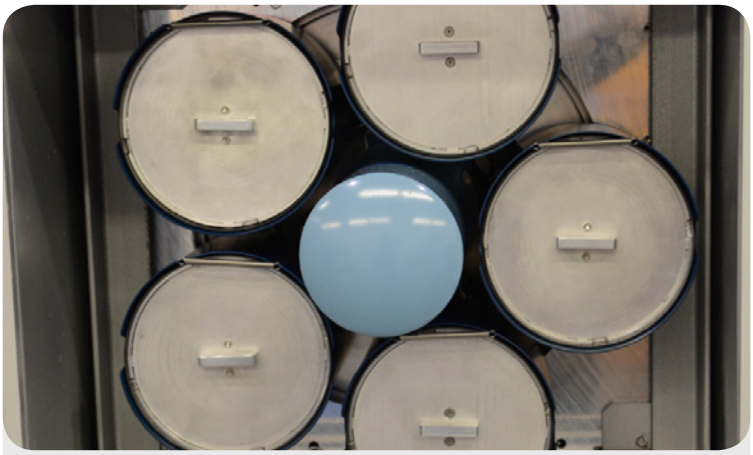


Photo Credit: Danny Chapman from Oxford, England - Flickr: Light Brown Apple Moth - Epiphyas postvittana

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*





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.

RAD SOURCE

678-765-7900
radsource.com

bsi. 13485:2003 *Patent # 7346147, Patent # 7515686, Patents Pending*

RS 2400V X-RAY IRRADIATOR

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 76” x 33” (120 x 194 x 84 cm)
- Cabinet Weight: 1,500 lbs (681 kg) or 2,800 lbs (1,271 kgs)
- Power Requirements: US 220 VAC +/- 10%, 40 amps

**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 (Patent No. 7346147)
- 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 Needs:

- 5 GPM / 40 PSIG
- Inlet / Outlet Connections 1” NPT

Contact Rad Source representative for full water chiller requirements.

Sample Water Chiller. Available from your local MTA Representative

RS 2400V



- *System has no radioactive source*
- *Manufactured as a Cabinet X-Ray Device under the CFR 21 1020.40*

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

Visit us online to explore our latest products and services!

RadSource.com

RAD SOURCE

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