

THE **RS** 3400 X-RAY BLOOD IRRADIATOR

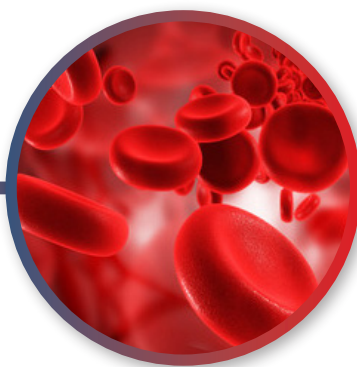
powered by **QUASTAR**®

RS 3400 FEATURES

- Patented rotator holds 1 to 6 blood product canisters or syringe holders that circulate around the QUASTAR® emitter.
- Cycle time for 25 Gy center dose is less than 5 minutes.
- Direct replacement for Cesium irradiators.
- Single X-Ray Power Supply and QUASTAR® emitter.
- Six 1 liter canisters for conveniently loading a variety of blood products (whole blood, platelets, & syringes) in the same cycle.
- Mounted on wheels for easy "plug and play" installation and mobility.
- RS 3400 is US-FDA cleared and CE marked.

Simultaneously Irradiates Six Blood Products with Excellent Dose Uniformity and Reliability in less than 5 minutes..

That's the
POWER
of the
QUASTAR®
TECHNOLOGY
in the **RS 3400**



The RS 3400 is a medical device (FDA 510k), which uses X-Rays when the irradiation of blood products for Graft Versus Host Disease (GVHD) is indicated. This irradiator is a direct replacement for Cesium irradiators and has no security, shielding disposal, or NRC site license requirements.

The performance of the RS 3400 has been great. The staff have not had any issues using the irradiator. Very simple to operate and user friendly. I would purchase another RS 3400 and would recommend this product. Great company to work with.

— Greg Early, Blood Bank Manager, Children's Hospital of Alabama

**"LEADING THE WAY in
Non-nuclear irradiation"**

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Patents: See www.radsources.com/patent
MKT#035-05/19 Rev 5

QUASTAR® Technology

Like a quasar, the most potent X-Ray source in the universe, the Rad Source QUASTAR® proprietary emitter produces high output X-Ray radiation efficiently and reliably for a wide variety of irradiation applications. Uniquely capable of creating more X-Rays per unit power, QUASTAR® is only available from Rad Source Technologies, Inc. Another feature of the QUASTAR® is that it is easily replaceable and repairable. All Rad Source devices are made in the USA.



Dose Mapping Phantom

A dose phantom is required to perform dosimetry and is available for purchase.

Please contact Rad Source or your local distributor for further information.



Spare Set of Canisters

All irradiators come with 6 canisters.

An additional set of 6 canisters is available for purchase.

Dimensions: 10.2 cm x 12.7 cm (4 in x 5 in) / 1 liter



Syringe Holder

Accepts 30 or 60 ml drawn syringes. Syringe holders will allow you to run whole blood and platelets in the same cycle.

SAFETY AND QUALITY

- All irradiators receive a quality inspection, dose map, and radiation survey prior to shipment and again at installation.
- All Rad Source irradiators are manufactured as cabinet X-Ray devices and conform to the radiation safety guidelines in US CFR 21 1020.40
- Available for purchase: Barcode Scanner, Syringe Holders, Extra Canisters, and Phantoms.

TECHNICAL SPECIFICATIONS

- **Dimensions:** 68"H (172.72 cm) x 34"W (86.36 cm) x 36"D (91.44 cm)
- **Cooling System:** Self-contained on-board cooling system. No external water connections required.
- **Weight:** 1900 lbs (861.8 kg)
- **Electrical Requirements:** Single phase, 50/60Hz, 208-240VAC, 30A (L1, L2/N, GND)
- **Irradiation Guidelines:** USA (FDA): 15 Gy min/ 25 Gy central/50 Gy max; Europe (EDQM) & UK (BCSH): 25 Gy min/ 50 Gy max.

Rad Source Technologies, Inc. is

**LEADING THE WAY in
Non-nuclear Irradiation**

With our comprehensive line of commercial X-Ray irradiation products designed to replace gamma isotope irradiators.



- Blood products
- Small animal research
- Cell research
- SIT/SIR
- Viral inactivation
- Food irradiation testing
- Other applications



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