Providing clinics, blood banks and transfusion centres worldwide with a choice of ionizing radiation technology.

Raycell®

X-ray Blood Irradiator

A Convenient Choice for Blood Irradiation

MDS Nordion

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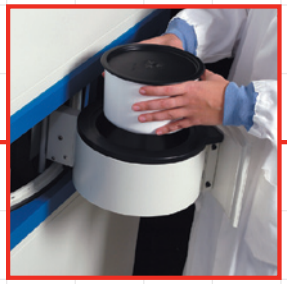
X-ray Blood Irradiator



A Convenient Choice for Blood Irradiation

Offered by MDS Nordion, the world's leading supplier of equipment for blood irradiation; the Raycell® X-ray Blood Irradiator is an innovative technology for the prevention of Transfusion-Associated Graft-Versus-Host Disease (TA-GVHD).

Figure 1: Raycell X-ray Blood Irradiator

Whether you operate a blood bank, hospital or laboratory now you have even more choice when it comes to selecting a blood irradiator.

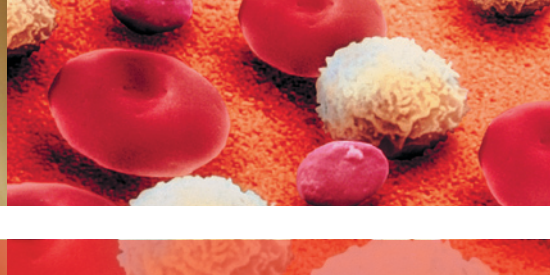
Employing patented technology, the **Raycell X-ray Blood Irradiator** provides all the performance and reliability you expect from a blood irradiator.

Delivering the required dose to blood products, the **Raycell X-ray Blood Irradiator** helps reduce the risk of TA-GVHD for immunosuppressed patients.

Efficient, convenient and user friendly, the **Raycell X-ray Blood Irradiator** provides a safe and cost-effective new choice for blood irradiation – backed by MDS Nordion's trusted expertise and commitment to quality.

The **Raycell X-ray Blood Irradiator** is an ideal alternative for smaller facilities with on-site blood processing requirements. It demands minimal administration. It achieves comparable throughput to other self-contained irradiator systems. And it's available right in the lab – where you need it.





Outstanding Built-in Benefits

- Simple operation
- Minimal training required
- Excellent throughput – two to three blood bags in just five minutes
- Delivers a 25 Gy dose in about five minutes
- Compact and lightweight
- Easy to install
- Serviceable by your local x-ray technician
- No need for Radiation Safety Officer on staff

Options

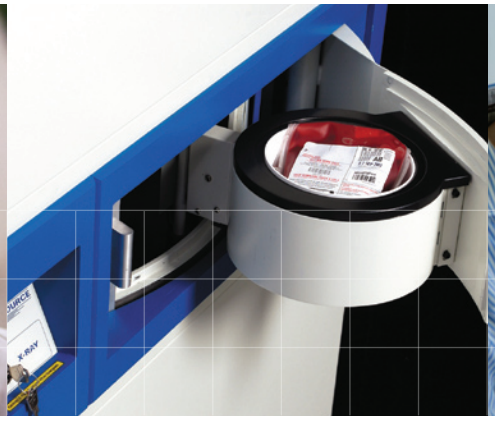
- Service agreements
- RadTag™ irradiation indicators (RTX15)
- Additional canisters

Specifications	
X-ray Potential	160 kV
Electronic Timer	Adjustable time display with memory and cycle status array LED
Audible Alarm	Indicates completion of irradiation cycle or possible fault condition
Typical Dose Range	Between 25 and 37.5 Gy for an approximate five-minute timer setting
Weight	1,566 lb. (710 kg)
Floor Loading	234 lb./sq. ft. (1115 kg/m^2)
Canister (diameter x depth)	6 in. x 4 in. (15 cm x 9.5 cm)
Cabinet	Painted steel, lead lined, mounted on casters
Unit Dimensions	59.45 in. (151 cm) high
	44.63 in. (114 cm) wide
	21.75 in. (56 cm) deep
Utility Requirements	200 – 240 V AC, 50/60 Hz single phase, 60 A maximum
	380 – 440 V AC, 50/60 Hz three phase, 40 A maximum
Water Flow Rate	2.6 gal./min. (10 L/min.)
Water Quality	Potable water
Water Pressure	50 – 70 psi (345 – 483 kPa)
Water Temperature	50 – 86°F (10 – 30°C)

MDS Nordion

MDS Nordion's products and services are used throughout the world to prevent, diagnose and treat disease. Our applied research and innovation play an integral part in improving global healthcare.

www.mdsnordion.com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