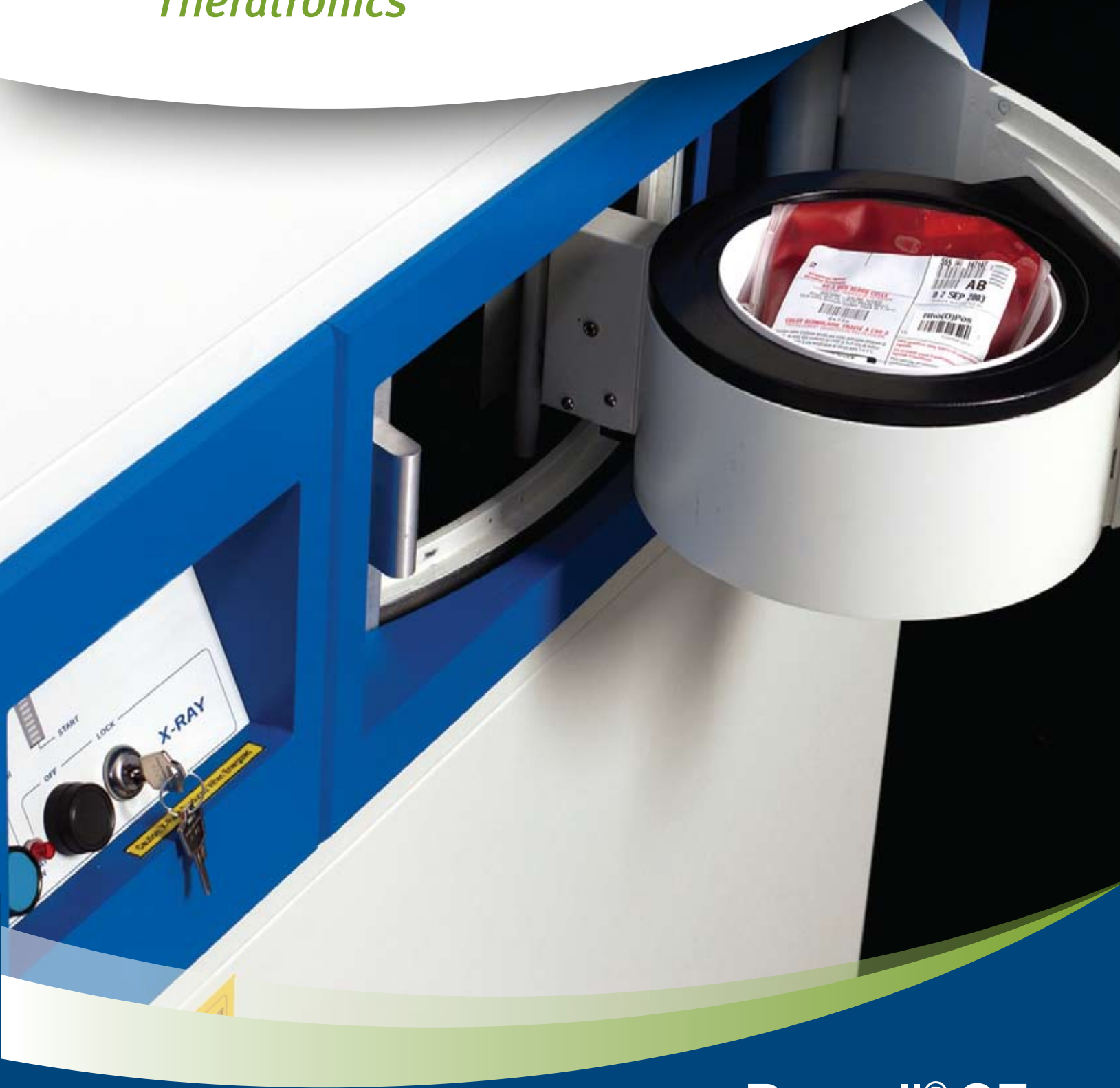


*Best*<sup>®</sup>  
Theratronics



**Raycell<sup>®</sup> CE**

**X-ray Blood Irradiator**

A Convenient Choice for Blood Irradiation

# A Convenient Choice for Blood Irradiation

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

## Specifications

X-ray Potential	160 kV
Electronic Timer	Adjustable time display with memory and cycle status array LED
Audible Indicator	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	1750 lb. (795 kg)
Floor Loading	260 lb./sq. ft. (1250 kg/m <sup>2</sup> )
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
Unit Requirements	200-240 V AC, 50/60 Hz single phase, 60 A maximum 380-440 V AC, 50/60 Hz three phase, 32 A maximum
Water Flow Rate	At least 3 US gal./min. (11.5 L/min.)
Water Quality	Potable water
Water Pressure	35-60 psi (241 - 414 kPa)
Water Temperature	50-77 °F (10 - 25°C)
Minimum Clearances	12 in. (30 cm) sides 6 in. (15 cm) back 30 in. (76 cm) front 12 in. (30 cm) above 72 in. (183 cm) from floor



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® CE 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® CE X-ray Blood Irradiator helps to prevent TA-GVHD for patients at risk.

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

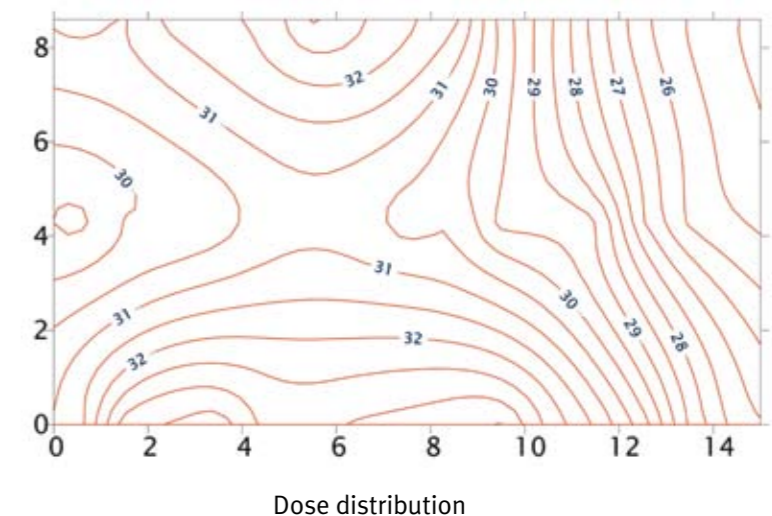
The Raycell® CE X-ray Blood Irradiator is an ideal alternative for smaller facilities with on-site blood processing requirements. It demands minimal administration and achieves comparable throughput to other self-contained irradiator systems. And, Raycell® CE is available right in the lab where you need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

## Options

- Service agreements
- RadTag™ irradiation indicators (RTX15, RTX25, Europe)
- Additional canisters

## Outstanding Built-in Benefits

- Simple operation
- Minimal training required
- Excellent throughput- two to three blood bags in just five minutes
- No need for Radiation Safety Officer on staff in most US states
- Compact and lightweight
- Easy to install
- Delivers a 25 Gy dose in about five minutes



# We provide blood banks and transfusion centres worldwide with a choice of ionizing radiation technology.

Best® Theratronics' 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.

“Our Team Best® companies are committed to making quality healthcare affordable and accessible globally.”

Krishnan Suthanthiran  
President, Best Medical International

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**Best**®

healthcare for everyone