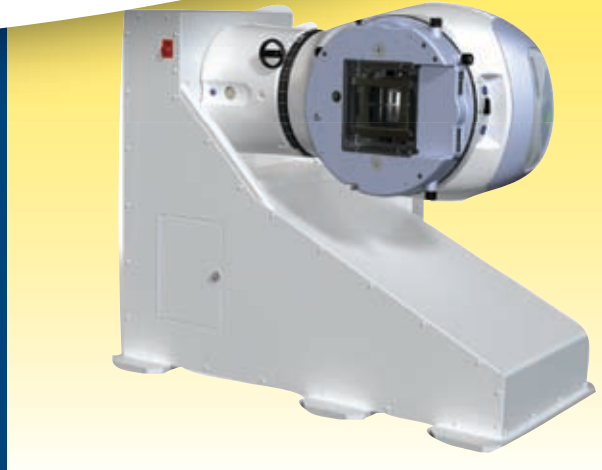


Best[®] Theratronics



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phone 613 591 2100 fax 613 591 6627 www.theratronics.com

AFRICA | ASIA | EUROPE | LATIN AMERICA | MIDDLE EAST | NORTH AMERICA



GammaBeam™ 300 Equinox™ External Beam Therapy System



GammaBeam™
saving lives

The GammaBeam 300 Equinox is an evolution of the Theratron line of treatment devices. The advanced design provides freedom in treatment planning and can interface to all of the major record and verify systems to allow for rapid treatment parameter loading, treatment set up verification, and the recording of the delivery.

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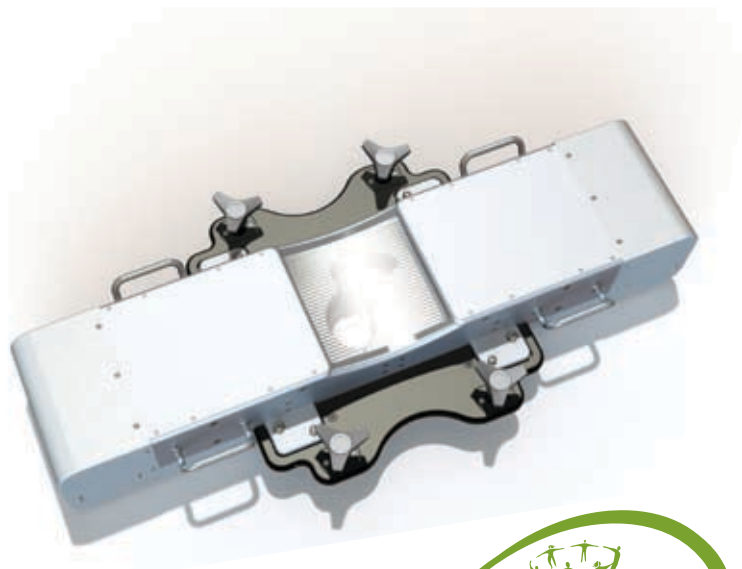
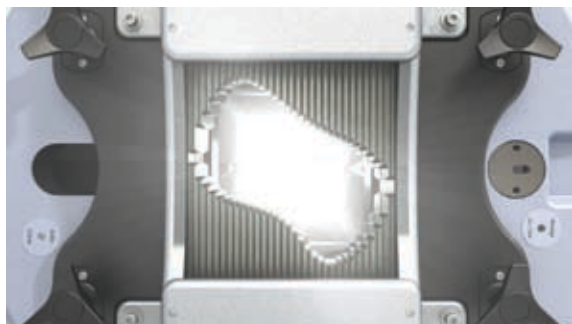
Avanza™ Patient Positioning Table & Motorized Equinox™ Multi-Leaf Collimator 60

The Avanza Patient Positioning Table demonstrates a high level of stability and accuracy for treatment techniques that require precision.



A Multi-Leaf Collimator is now available as an optional accessory for the Equinox product line, providing 3D Conformal Radiation Therapy (3D CRT) and Intensity Modulated Radiation Therapy (IMRT) capability. The intuitive user interface incorporates a patient database, record and verify functionality, and is DICOM-RT compatible for treatment plan imports.

The Equinox MLC 60 system is the most advanced Cobalt Teletherapy system available.

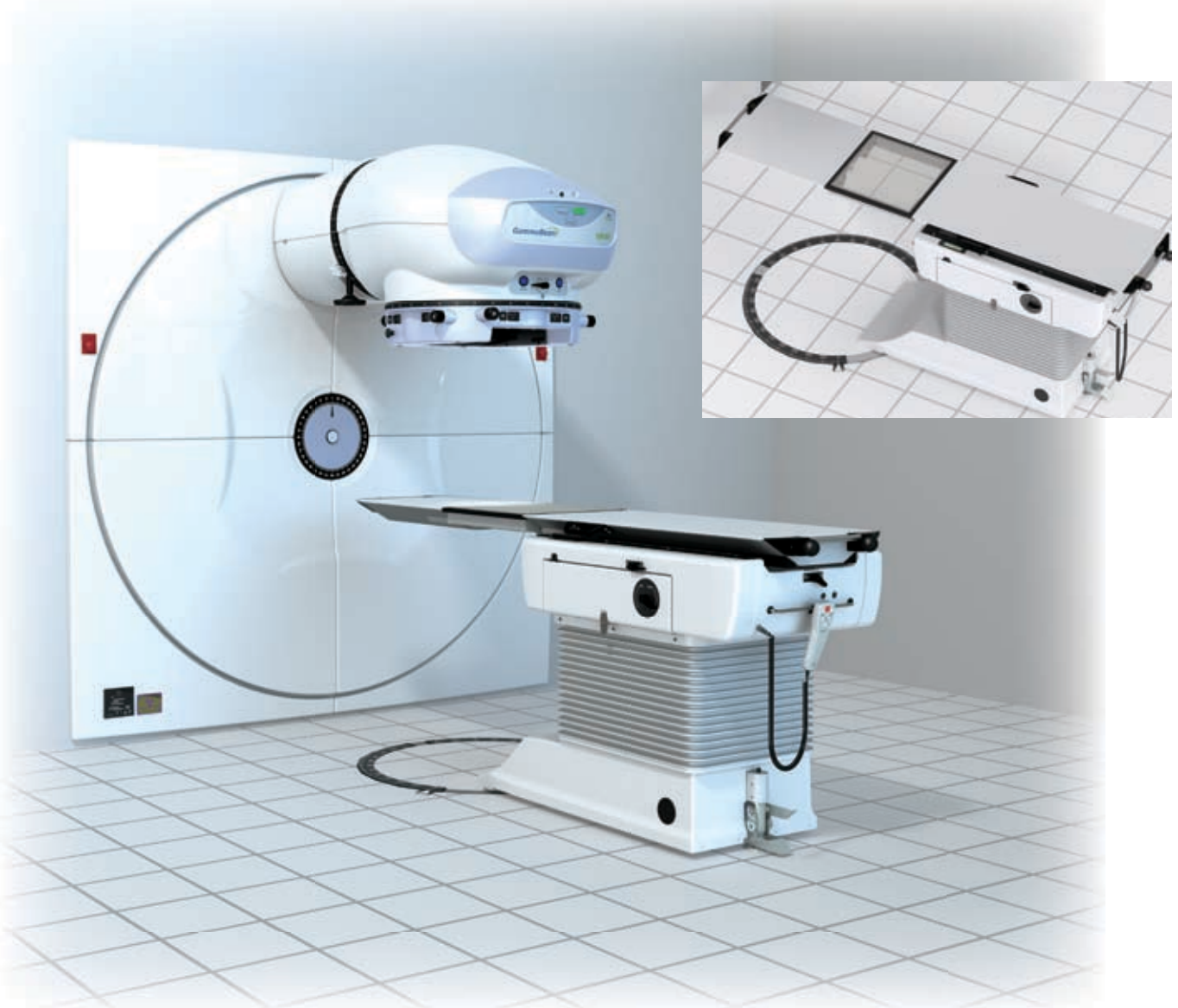


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GammaBeam™ 100-80 External Beam Therapy System



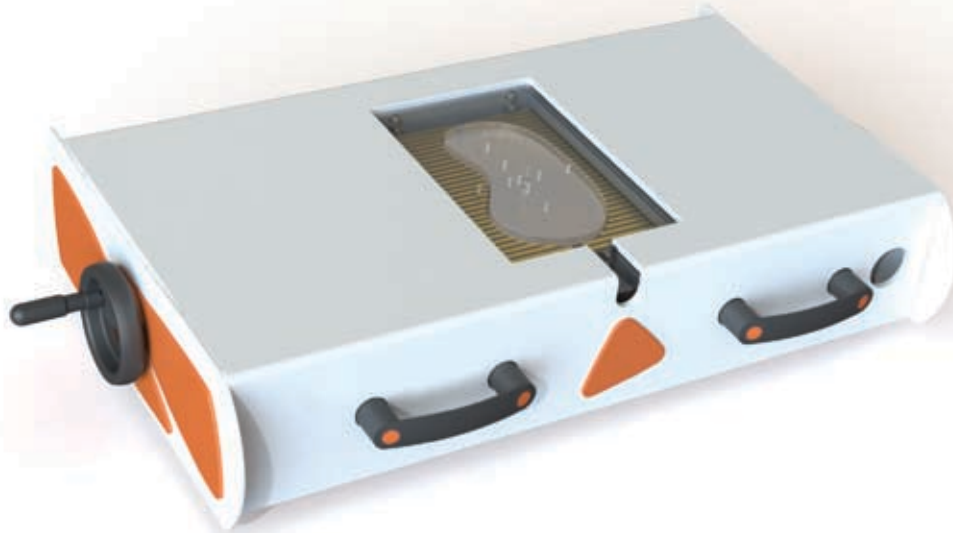
The GammaBeam 100-80 is a highly practical model of the GammaBeam family of External Beam Therapy System (EBTS). Convenience and safety, combined with simplicity of design, make it easy to use and easy to maintain. Particularly appropriate for treatment centers requiring extended hours of daily operation and where budgetary considerations are a major concern.

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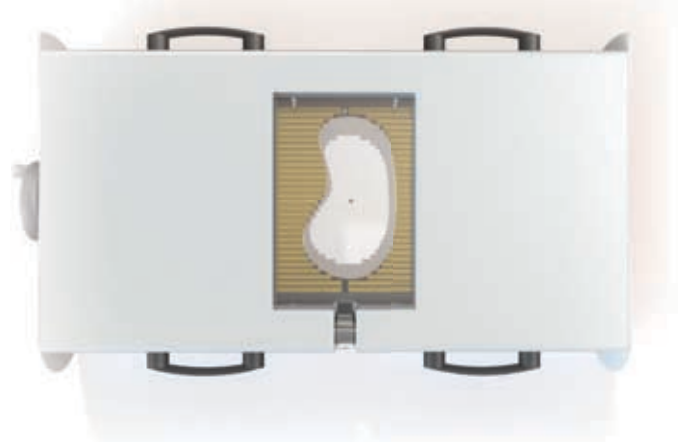
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Manual Multi-Leaf Collimator



A manually adjustable multi-leaf collimator is now available with the GammaBeam 100-80 product line. The innovative concept of the MMLC system now provides the ability to conform the Cobalt-60 Radiotherapy to the exact tumor shape without the cumbersome use of lead blocks. The method known as 3D CRT, improves the impact on the cancerous tissue while sparing the surrounding healthy tissue. The MLC connects modern treatment methods in radiotherapy with high cost-efficiency and maximum reliability for all environments.



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GammaBeam™ 500 Total Body Irradiator



The Total Body Irradiator GammaBeam 500 is a teletherapy unit designed to produce a large fixed rectangular radiation field at an extended source-to-skin distance in order to deliver total body irradiation. The unit can also be used for research & dosimetry purposes. Features include: dose rate up to 40 cGy/min at 2.5 m in air, record & verify and imaging capabilities, graphical touch screen data entry interface and motorized vertical motion of the head.

Available in the United States following FDA and NRC registrations.

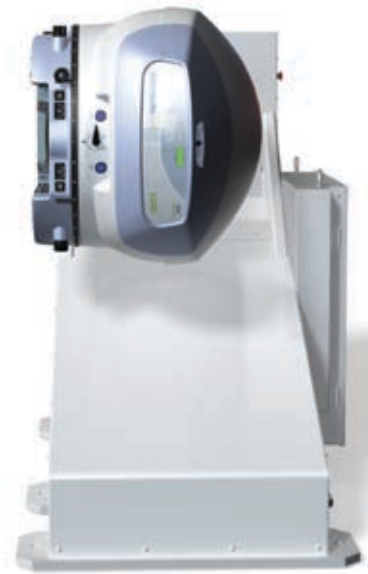
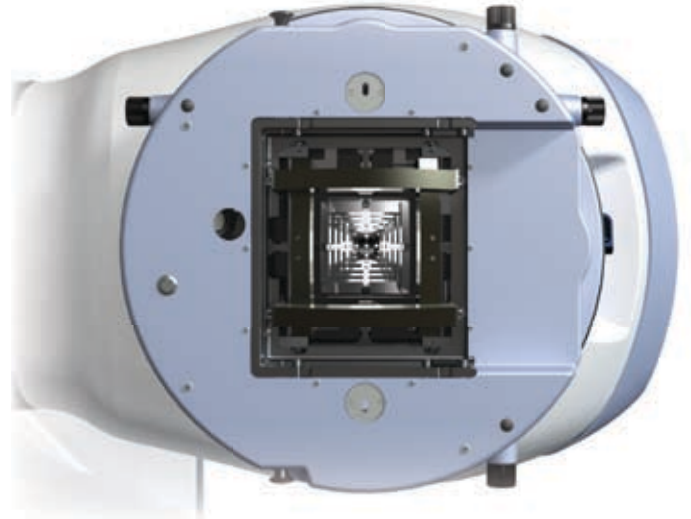
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GammaBeam™ 200 Research Irradiator

The GammaBeam 200 is among the most versatile research irradiators available today. Suited to a broad spectrum of applications including secondary standards dosimetry, sterile insect programs, and medical or veterinary research, the unit provides your lab with a powerful tool. The Best Theratronics GammaBeam 200 is from a long line of irradiators that researchers and clinicians have trusted and depended on for decades.



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GammaBeam™ 400 High Output Sterilization Irradiator

The GammaBeam 400 uses gamma technology to provide a reliable uniform dose for sterilization irradiation. The GammaBeam 400 is suitable for use in tissue banks and hospitals to sterilize tissue and bone allografts prior to transplant, achieving a Sterility Assurance Level (SAL) of 10^{-6} . Also suitable for research purposes for a maximum dose rate of up to 591 Gy/min for small samples. The sample chamber rotates and translates for uniform dose distribution at a dose rate of up to 206 Gy/min. The sample chamber is 10 cm in diameter and 50 cm in length.



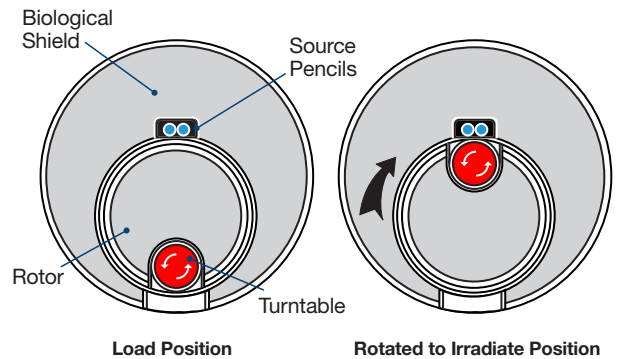
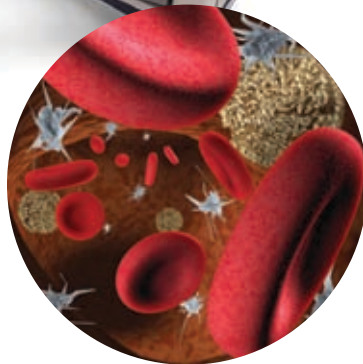
Available in the United States following FDA and NRC registrations.

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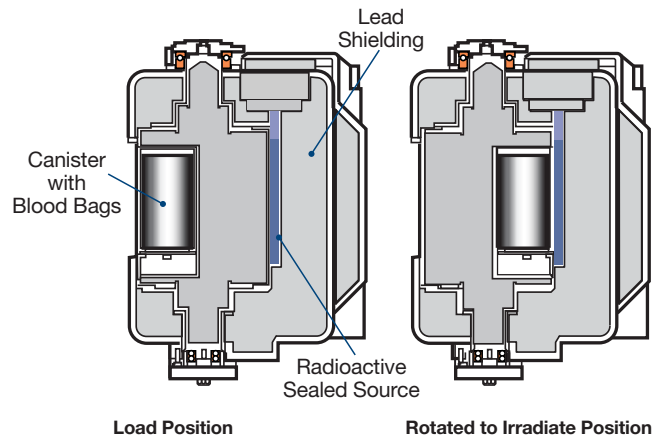
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Gammacell® 1000 Elite/3000 Elan Blood & Research Irradiator



*Fully shielded in either
the load or irradiate position.*



*Overlapping source configuration
improves dose uniformity.*

The Gammacell 1000 Elite/3000 Elan have both been refined with the valuable input of clinicians over many years, and the result is a very user friendly control system which includes both a keyboard and barcode scanner. Each machine has numerous safety measures incorporated into the operating system to maintain accuracy and reliability. Primarily used for blood irradiation, the Gammacell 1000 and 3000 are considered the “gold standard” in countless clinics throughout the world.

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Gammacell® 40 Exactor

Low Dose-Rate Research Irradiator

Research environments demand execution of protocols to exacting standards and replication of work with unfailing accuracy. The Gammacell 40 Exactor is designed and engineered to meet these research environment requirements.

Timer settings can be chosen to increments of 1 second up to 100 hours, and the control system allows manual or automatic operation. Dose uniformity is ensured through the use of two Caesium-137 sources and an electric drive mechanism which provides accurate results regardless of where specimens are placed in the large sample container.

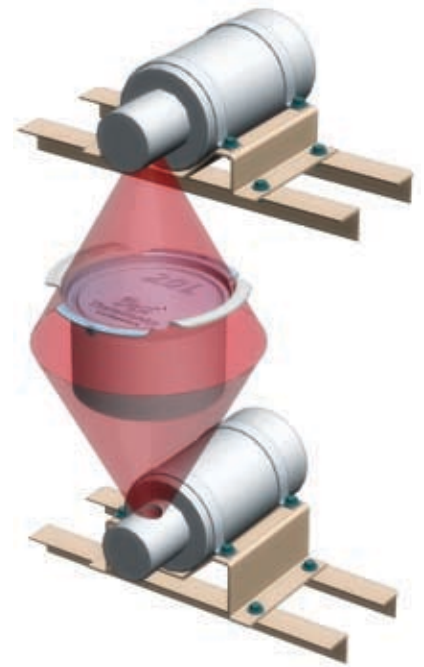


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Raycell® Mk2 X-ray Blood Irradiator



The Raycell Mk2 is the newest generation of X-ray based blood irradiators. Used in blood bank centers, clinics and laboratories, the Raycell Mk2 model features a larger chamber for irradiation of more blood bags (fits 2.0 L & 3.5 L containers), a barcode scanning system linked to an Irradiated Products Data Management (IPDM) System, and the latest computer-based features to ensure efficient, error-free operation. In addition, the Raycell Mk2 has enhanced trouble-shooting and repair features.

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Your True Partner