

Exertus® Circa

The EXERTUS®CIRCA projector range represents a new generation of tungsten shielded gamma radiography projectors, specifically designed for close proximity applications combined with the GamCPR package.

These projectors are capable of accommodating Selenium 75 sources. With its cutting-edge design, this projector offers a combination of flexibility and compactness. It can be utilized for both standard radiography techniques and situations that require close proximity work.

Notably, the design incorporates a Directional Tungsten Collimator that directly connects to the projector. This feature significantly reduces the controlled radiation area, enabling nearby operations to continue during exposure.



Safety is a fundamental aspect of the EXERTUS®CIRCA Isotope Projector range.

A three-color signal indicator is integrated into the projector, providing users with a clear visual indication of the source's position at all times, enhancing safety protocols.

Furthermore, the EXERTUS®CIRCA projector adheres to ISO 3999 compliance standards, meeting the necessary criteria for quality and safety.

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TECHNICAL SPECIFICATIONS

Basic Construction Standards	ISO 3999 Compliant	
Isotopes	Se-75 under special form	
Se-75 half life	119.8 days	
ACTIVITY		
Se-75	CIRCA 40 CIRCA 80 CIRCA 120	1.5 TBq (40 Ci) 2.96 TBq (80 Ci) 3.7 TBq (100 Ci)
Surface Dose Rate	Max. 2mSv/h	
Total Weight	CIRCA 40 CIRCA 80 CIRCA 120	(8.4 kg) (8.8 kg) (9.0 kg)
DIMENSIONS		
Length	203 mm (8")	
Width	110 mm (4.33")	
Height	191 mm (7.52")	
MATERIAL USED		
Outer Shell	Stainless Steel	
Shielding	Tungsten Heavy Alloy	
Source Channel	Tungsten Heavy Alloy	
Type	B(U) or Type A Certified	

FEATURES

Automatic Source Assembly Locking Mechanism is triggered by the front of the Source Assembly, thus ensuring that the Projector can only be locked and disconnected with Source in the Safe Position Three colour signal indicator system.



Source Assembly is secured and the Projector is locked.



Projector is Unlocked and Source Assembly Locking Mechanism is ready to be released.



Source Assembly Locking Mechanism is released and ready to expose.



ACCESSORIES

Adaptator Guide Tube for
EXERTUS®CIRCA

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