

Exertus® Dual 120

Presenting the remarkable *EXERTUS® DUAL 120* Projector, a versatile solution capable of accepting both Iridium 192 sources and Selenium 75 sources.

This projector stands out with its exceptional design and safety features, offering flexibility, compactness, and lightweight construction. Setting a new benchmark in weight reduction, the EXERTUS®DUAL 120 Projector surpasses most of its competitors in terms of lightness. It incorporates an enhanced source channel, featuring a revolutionary Helicoidal Design.

This design not only simplifies maintenance but also ensures smoother movement of the Source Assembly within the device. These improvements not only benefit the operator by providing ease of use but also contribute to enhanced safety, distinguishing itself from other products in the market, the EXERTUS®DUAL 120 Projector boasts a unique safety feature.



The Source Assembly Locking Mechanism is activated by the source holder capsule located at the front of the source assembly. This mechanism ensures that the source always returns to the safe position, providing operators with peace of mind.

Furthermore, the EXERTUS®DUAL 120 Projector complies with ISO 3999 standards, further solidifying its commitment to meeting international quality requirements.

Experience the superior capabilities and safety advancements of the EXERTUS®DUAL 120 Projector, setting a new standard in the industry.

Your **NDT** partner



Exertus® Dual 120



TECHNICAL SPECIFICATIONS

Basic Construction Standards	ISO 3999 Compliant
Isotopes	Ir-192 or Se-75 under special form
Ir-192 half life	73.8 days
Se-75 half life	119.8 days
ACTIVITY	
Ir-192	4.44 TBq (120 Ci)
Se-75	7.4 TBq (200 Ci)
Surface Dose Rate	Max. 2mSv/h
Total Weight	22 kg (48.5 lb)
DU Weight	14 kg (30.8 lb)
DIMENSIONS	
Length	302 mm (11.89")
Width	124 mm (4.88")
Height	207 mm (8.15")
Outer Shell	CrNi Steel
Shielding	Depleted Uranium
Labyrinth	Tungsten Heavy Alloy
Type	B(U) 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

**Crawler Actuator JME for
EXERTUS®DUAL 120 PROJECTORS**

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