

# Exertus® Novum



The **EXERTUS®NOVUM** Projector is equipped to handle both **Ir-192** and **Selenium 75** sources, offering **versatility in radiation sources**.

This projector is designed with compactness and safety in mind, incorporating innovative features. Setting it apart from its competitors, the EXERTUS®NOVUM features a unique safety mechanism and an improved source channel, resulting in a lighter construction.

Its Source Assembly Locking Mechanism is activated by the source holder capsule located at the front of the source assembly. This ensures that the source is always securely returned to the safe position, providing reassurance to the operator.

Furthermore, the EXERTUS®NOVUM complies with ISO 3999 standards, meeting the necessary requirements for quality and safety.

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# Exertus® Novum



## TECHNICAL SPECIFICATIONS

<b>Basic Construction Standards</b>	ISO 3999 Compliant
<b>Isotopes</b>	Ir-192 or Se-75 under special form
<b>Ir-192 half life</b>	73.8 days
<b>Se-75 half life</b>	119.8 days
<b>ACTIVITY</b>	
<b>Ir-192</b>	2.775 TBq (75 Ci)
<b>Se-75</b>	7.40 TBq (200 Ci)
<b>Surface Dose Rate</b>	Max. 2mSv/h
<b>Total Weight</b>	18 kg (39.7 lb)
<b>DU Weight</b>	max. 11 kg (24.3 lb)
<b>DIMENSIONS</b>	
<b>Length</b>	335 mm (13.19")
<b>Width</b>	124 mm (4.88")
<b>Height</b>	207 mm (8.74")
<b>MATERIAL USED</b>	
<b>Outer Shell</b>	CrNi steel
<b>Shielding</b>	Depleted Uranium
<b>Source Channel</b>	Tungsten Heavy Alloy
<b>Type</b>	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.

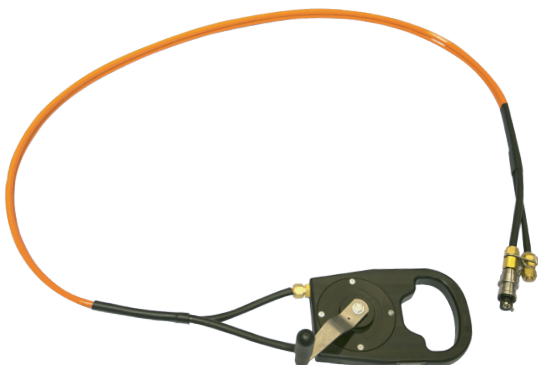


Projector is Unlocked and Source Assembly Locking Mechanism is ready to be released.



Source Assembly Locking Mechanism is released and ready to expose.

## ACCESSORIES



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