

# EXERTUS® DUAL 120



EXERTUS® DUAL 120 Projector has the ability to accept Iridium 192 sources or Selenium 75 sources. This projector incorporates design and safety features that make it flexible, compact and lightweight.

The Projector is lighter than the most of its competitors. It incorporates an improved source channel, based on a new Helicoidal Design, which makes maintenance easier, allows smoother movement of the Source Assembly inside the device, making

it easier for the operator and improving safety. The projector also has a unique safety feature not found in competitive products: the Source Assembly Locking Mechanism is triggered by the source holder capsule at the front of the source assembly, thereby always assuring the operator that the source has returned to the safe position.

EXERTUS® DUAL 120 is ISO 3999:2004 compliant.

YOUR **NDT** PARTNER

 **oserix**  
POWER OF CONFIDENCE

# EXERTUS® DUAL 120

## Technical Specifications

<b>Basic Construction Standards</b>	ISO 3999:2004 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>	4.44 TBq (120 Ci)
<b>Se-75</b>	7.4 TBq (200 Ci)
<b>Surface Dose Rate</b>	Max. 2mSv/h
<b>Total Weight</b>	22 kg (48.5 lb)
<b>DU Weight</b>	14 kg (30.8 lb)
<b>Dimensions</b>	
<b>Length</b>	302 mm (11.89")
<b>Width</b>	124 mm (4.88")
<b>Height</b>	207 mm (8.15")
<b>Outer Shell</b>	CrNi Steel
<b>Shielding</b>	Depleted Uranium
<b>Labyrinth</b>	Tungsten Heavy Alloy
<b>Type</b>	B(U) RUS / 5786 / B(U)-96T



## 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



Email: [info@oserix.com](mailto:info@oserix.com) • [www.oserix.com](http://www.oserix.com)

# EXERTUS® DUAL 60



EXERTUS® DUAL 60 Projector has the ability to accept Ir-192 sources or Selenium 75 sources. This projector incorporates design and safety features that make it flexible and compact.

EXERTUS® DUAL 60 incorporates a unique safety feature and a new source channel making it lighter than its competitors.

Its Source Assembly Locking Mechanism is triggered by the source holder capsule at the front of the source assembly, thereby always assuring the operator that the source has returned to the safe position.

EXERTUS® DUAL 60 is ISO 3999:2004 compliant.

YOUR **NDT** PARTNER

 **oserix**  
POWER OF CONFIDENCE

# EXERTUS® DUAL 60

## Technical Specifications

Basic Construction Standards	ISO 3999:2004 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	2.22 TBq (60 Ci)
Se-75	7.40 TBq (200 Ci)
Surface Dose Rate	Max. 2mSv/h
Total Weight	18 kg (40 lb)
DU Weight	10 kg (22 lb)
Dimensions	
Length	302 mm (11.89")
Width	124 mm (4.88")
Height	207 mm (8.15")
Materials Used	
Outer Shell	CrNi steel
Shielding	Depleted Uranium
Labyrinth	Tungsten Heavy Alloy
Type	B(U) RUS / 5898 / B(U)-96T



## 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



Email: [info@oserix.com](mailto:info@oserix.com) • [www.oserix.com](http://www.oserix.com)