

# EXERTUS® LIGHT



The NEW EXERTUS® LIGHT projector range is a new generation of gamma radiography projector - it has the ability to accept Selenium 75 sources.

This projector offers the latest design that makes it flexible, compact and lightweight.

Safety is an integral part of the EXERTUS® LIGHT Isotope Projector range - a three colour signal indicator provides the user with a clear visual guide as to the position of the source at all times.

EXERTUS® LIGHT projector is ISO 3999:2004 compliant.

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POWER OF CONFIDENCE

# EXERTUS<sup>®</sup> LIGHT

## Technical Specifications

|                                     |   |
|-------------------------------------|---|
| <b>Basic Construction Standards</b> | ISO 3999:2004 Compliant                               |
| <b>Isotopes</b>                     | Se-75 under special form                              |
| <b>Se-75 half life</b>              | 119.8 days  |
| <b>Activity</b>                     |   |
| <b>Se-75</b>                        | Type B - 5.18TBq (140 Ci)<br>Type A - 3.0 TBq (81 Ci) |
| <b>Surface Dose Rate</b>            | Max. 2mSv/h   |
| <b>Total Weight</b>                 | 6.0 kg (13.22 lb)                                     |
| <b>DU Weight</b>                    | 1.7 kg (3.7 lb)                                       |
| <b>Dimensions</b>                   |   |
| <b>Length</b>                       | 216 mm (8.5")   |
| <b>Width</b>                        | 110 mm (4.33")  |
| <b>Height</b>                       | 189 mm (7.44")  |
| <b>Materials Used</b>               |   |
| <b>Outer Shell</b>                  | Stainless Steel                                       |
| <b>Shielding</b>                    | Depleted Uranium                                      |
| <b>Source Channel</b>               | Tungsten Heavy Alloy                                  |
| <b>Type</b>                         | B(U) RUS / 7132 / 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.



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