TECHNICAL DATASHEET
EXERTUS DUAL 60 PROJECTOR

The Exertus Dual 60 Projector is an integration between most of the gamma radiography projectors - it has the ability to accept Iridium 192 sources or Selenium 75 scaled sources. This projector offers the latest design that makes it flexible, yet compact.

The Exertus Dual 60 Projector is lighter than most of its copetitors when loaded with 4.44 TBq (120 Ci) of Selenium or 2.22 TBq (60 Ci) of Iridium.
The Projector offers a compact design that is very user friendly.

The Exertus Dual 60 Projector integrates an improved source channel based on a new ''Sloop Tube'' design, which makes maintenance easier. It also allows smoother movement of the source assembly inside the device, making it easier for the operator and improving safety.

Safety is an integral part of the design of the Exertus Dual 60 Projector - a three color signal indicator provides the user with a clear visual guide as to the position of the source at all times. Once the source is safe inside the Projector and the Projector is locked (Safe Mode) - a green signal will indicate that. When the source is inside the Projector, but the camera is unlocked and the source assembly locking mechanism is ready to be released - a yellow signal will indicate that. When the source is ready for exposure or outside the Projector (Exposure Mode) - a red signal will indicate that.

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: 4.44 TBq (120 Ci)

Surface Dose Rate
Max. 2 mSv/h

Total Weight
18 kg (39.6 lb)

Depleted Uranium Weight
10.4 kg (22.9 lb)

Dimensions
Length: 335 mm (13.19 inch)
Width: 124 mm (4.88 inch)
Height: 222 mm (8.74 inch)

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