Exertus®
Vox 400



**In order to provide quality control of industrial products,
Colbalt-60 is a preferred isotope for the radiography of steel. The Exertus® VOX 400 projector is an integration of all the Exertus Projectors and has the ability to accept Co-60 sources.**

Exertus® VOX 400 Projector integrates an improved source channel based on a new helicoidal 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.

EXERTUS® VOX 400 is ISO3999:2004 compliant.

Safety is an integral part of the Exertus® VOX 400 Projector - a three colour 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 of the Projector and the Projector is locked (Safe mode) - a Green signal will indicate that.
When the source is inside the Projector, but the projector 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.

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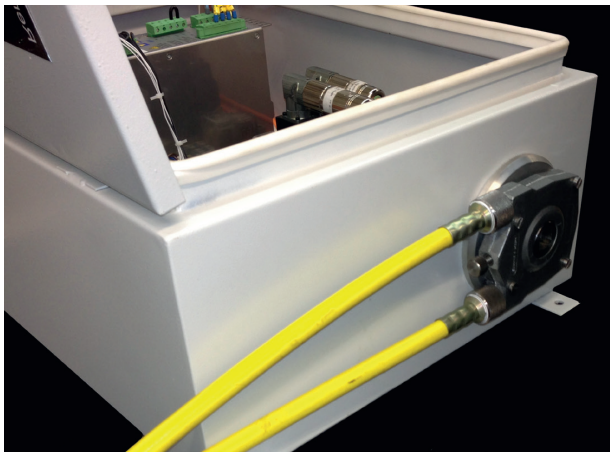
Exertus® Vox 400



TECHNICAL SPECIFICATIONS

Basic Construction Standards	ISO 3999 Compliant
Isotopes	Co-60 under special form
Co-60 half life	Co-60 Half life 5.27 years
ACTIVITY	
Co-60	14,8 TBq (400Ci)
Surface Dose Rate	Max. 2mSv/h
Total Weight	320 kg
DU Weight	230 kg
DU Activity	65.88 mCi (2437.34 MBq)
DIMENSIONS	
Length	615mm (24.2")
Width	315mm (12.4")
Height	395mm (15.5")
MATERIALS USED	
Outer Shell	Stainless Steel
Shielding	Depleted Uranium
Source Channel	Tungsten Heavy Alloy
Type	B(U) Certified



Electrical Remote Control

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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