

Exertus®

Vox 400

In order to provide quality control of industrial products, Cobalt-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 100 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.

Your **NDT** partner



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 236 kg

DU Activity 65.88 mCi (2437.34 MBq)

DIMENSIONS

Length 615mm (24.2")

Width 315mm (12.4")

Height 395mm (15.5")

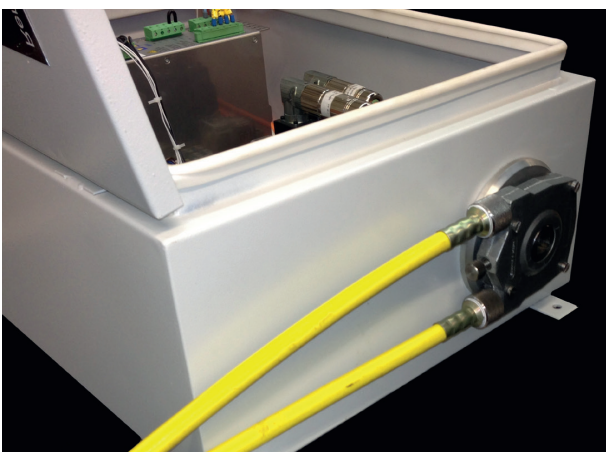
MATERIALS USED

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.

Your **NDT** partner



contact@oserix.com | www.oserix.com