

Exertus Vox 100 Projector

In order to provide quality control of industrial products, Cobalt 60 is a preferred isotope for the radiography of steel. The Exertus Vox 100 Projector is an integration of all the Exertus Projector lines and has the ability to accept Co-60 sources.

The Exertus Vox 100 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.

Safety is an integral part of the design of the Exertus Vox 100 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 the Projector and the Projector is closed (Safe Mode) the signal is green. When the source is inside the Projector, but the camera is open and ready for exposure a yellow signal indicates. When the source is outside the Projector and in the Exposure Mode a red signal indicates.



Features

- Helicoidal source channel
- 400 Ci option coming
- Compact design
- Extremely user friendly operation
- 3 colour signal safety indicator
- Mechanical or electronic windout available

Specifications

- Isotope: Co-60 under special form
- Optimal range of thickness (steel): 70 – 200mm (2.75 – 7.87")
- Movement of a source along the guide tube:
 - Horizontally = up to 8.0m
 - Vertically = up to 4.0m
- Overall dimensions (max)
 - Radiation head: 450 x 270 x 320 mm (11.71 x 10.63 x 12.59")
 - Remote control: 850 x 550 x 650 mm (33.46 x 21.65 x 25.59")
- Weight (max):
 - Radiation head: 180 kg (396.83lb)
 - Electric-powered electromechanical drive: 38kg (83.777lb)
- Power supply: 220V, 50Hz
- Power (max): 5000W
- Certification: B(U)96