

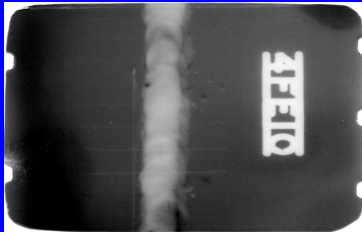


**Computerised
Information
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Radiation Isotope Se 75-989 device for



Digital Computed Radiography Inspection



The gamma Se75 isotope based device is a powerful industrial radiography source that when used with digital computed radiography can increase the production throughput and productivity. Weld inspection on oil and gas pipelines, chemical production plants, power plants, shipbuilding and offshore petrochemical constructions has always been one of the most important areas for gamma radiography.

Features

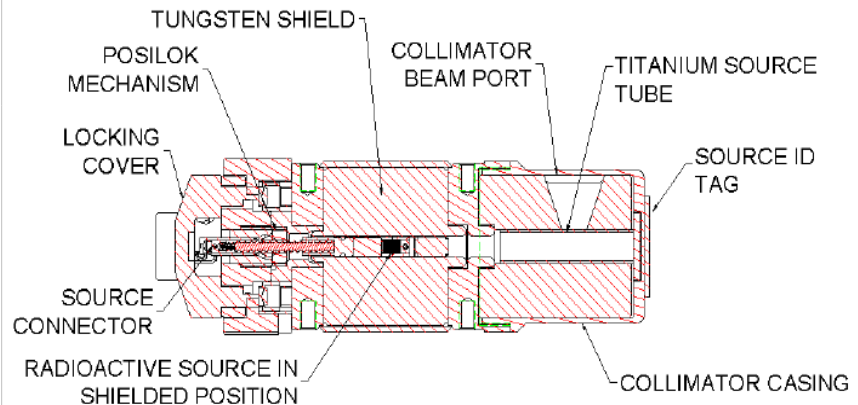
- ❖ **Class A tungsten container that Houses up to 20 curies Se75**
- ❖ **Available as Directional or panoramic beam**
- ❖ **Half Life (128 days x 4 = 512 days)**

For further details or web demonstration
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With the most recent developments on NDT digital computed radiography, it is practical to use Se75 radiation source with a small focal spot of 1mm x 1mm to inspect 1" to 48" pipe welds. This matches the same quality of the radiograph image quality as the film. In addition the radiation controlled zone can be within 5 meters. The radiation emerges in a cone, directing towards the region of interest reducing the background scatter. The radiation source never leaves the device (diagram below depicts the position). This also eliminates the beam collimator requirement.



The in-built tungsten collimator beam port helps to align beam more in a specific direction.

The device can be operated with:

- Manual wind out controls.
- Air pneumatic controls with automatic timers
- Computer controlled for remote device operation
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The device has received the **Canadian CSNC** approval and all other quality certifications are supplied with the device