

NEW range of Gamma Simulator Sources for use with all STS 900 series Simulators.

The STS range of simulated survey meters all use a common microwave source which simulates a radiation source.



- Redesign of the technology has **improved the geometry of the radiation field** which now approaches a sub spherical field to a limit of approx 6m and approximates to the inverse square law. Existing users can therefore upgrade current sources without requiring a new survey meter.
- The **New 914 Miniature Source** is ideal for using in field training exercises. It is easy to conceal and works very well when used in multiple source scenarios where individual sources or all sources can be turned on and off.
- **VR models** come with a remote control which allows a remote trainer to activate and control the strength of the source field.
- **Shielding** of the source with materials such as wood, glass and brickwork will alter the dose rate reading measured. This allows variable monitoring situations to be created for lifelike field training exercises. The data on the reverse show response to distance, angle and a table of attenuations.

STS 911 and 911VR Box Sources

A grey plastic box, 70 x 80 x 140mm houses the source and the radiation emerges from one end in a cone with an angle of about 120 degrees. This source is powered by 4 C cells which are installed within the case.

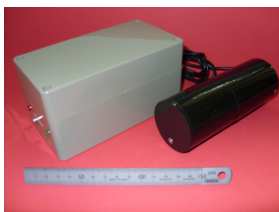


STS 914 Miniature Box Source

The 914 is designed so that it can be easily hidden in a training area – it is only 45 x 70 x 90 mm, so can be inserted in small gaps in walls, floors and ceilings. It is operated by the STS Power Supply with a 5m cable.

STS 913 and 913VR Hexagonal Source

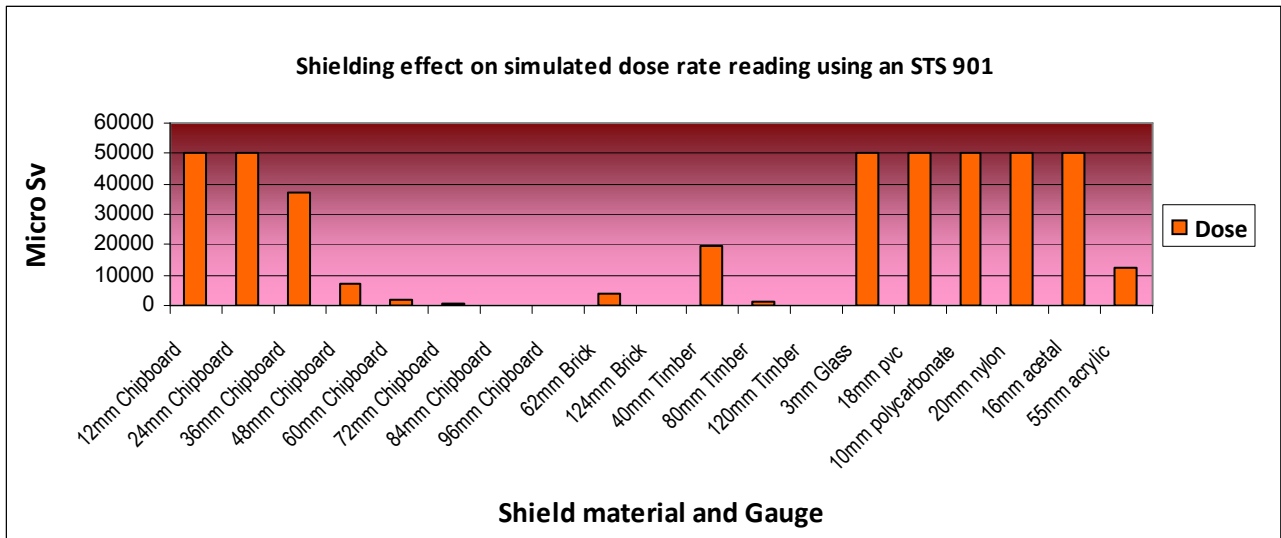
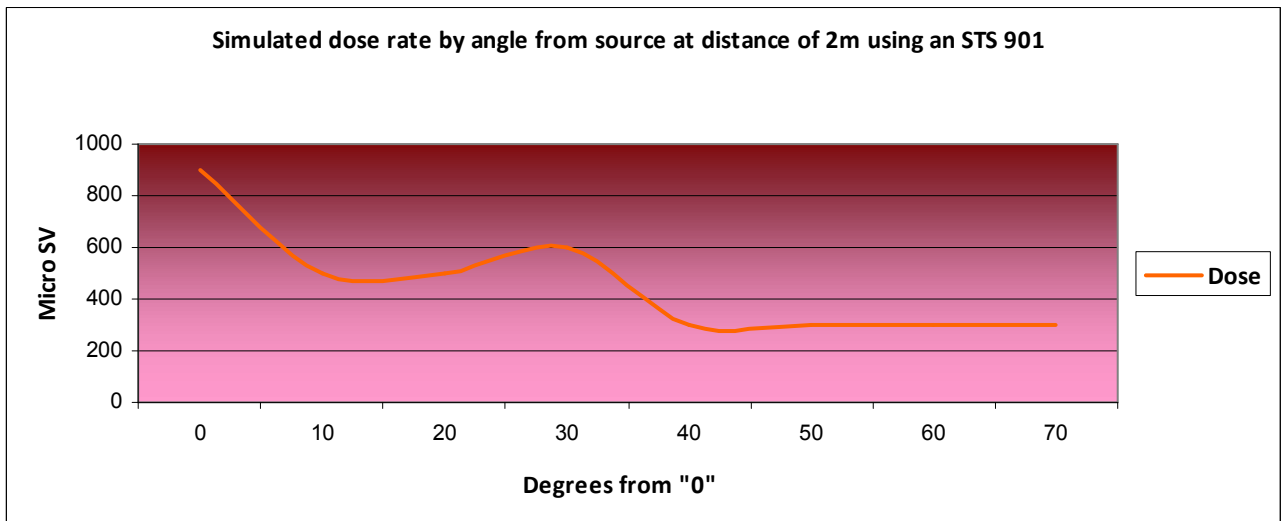
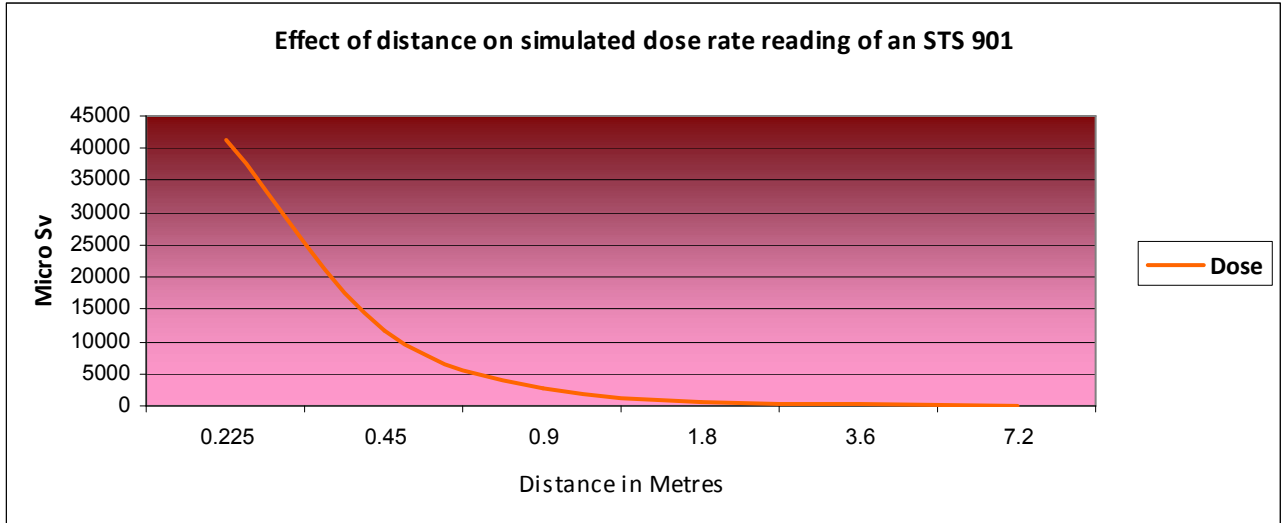
This source is useful for training where the trainee may approach the source from any direction- the radiation is emitted from each of the six faces and therefore can be detected in all horizontal directions. This source is 150mm diameter and 80 mm high and is connected to a STS Power Supply by a 5m cable.



STS 912 Pipe Source

This source consists of a plastic tube 50 mm diameter and 150 mm long, connected to an STS Power Supply which contains 4 D cells. The Pipe Source is designed so that it may be installed in a pipework mock up, within a plastic leg. The Source may be orientated in any direction.

Source Response Characteristics



The sources may be used in conjunction and we are pleased to manufacture configurations of sources to customer's specific requirements.