Safe Training Systems Ltd.

Safe-Series – Portal Monitor Simulation

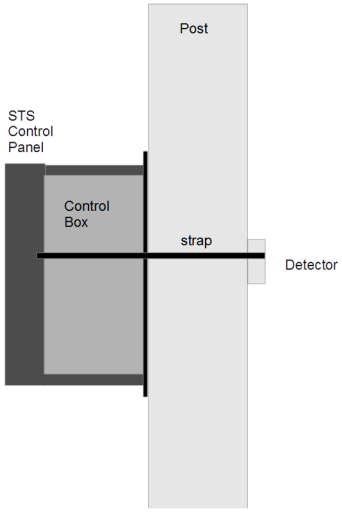
The new STS Safe-Series range brings new technology into instrument simulation to provide the most realistic simulators available today.

The STS Safe-Series portal monitor concept is designed to work independently of a real portal, training can be carried out using both the real monitor to demonstrate its features and with the simulator to show its application. Solutions can be provided for both installed and portable portals.

The STS unit attaches over the top of the existing control panel with temporary straps or magnets and houses a screen, keypad and alarm sounder. The unit is connected to a detector box which is secured by a strap to the inside of the archway.

Personnel passing through the Portal may have a Safe-Series MiniSource located on them which will activate the portal alarm as they pass through.

The exercise can be further enhanced with the use of a STS Contamination simulator which could then be used to "frisk" the person triggering the alarm. Personnel carrying the MiniSource would have also had the LS1 liquid simulant spray applied to their clothing which the contamination simulator will identify.



The unit features both audible and visual alarm indications and user definable alarm thresholds and backgrounds. The source may be configured to a very low level to minimise the range at which it is detected by the portal.

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Web: safetrainingsystems.com Registered in England No.2654899 VAT no. GB572853808

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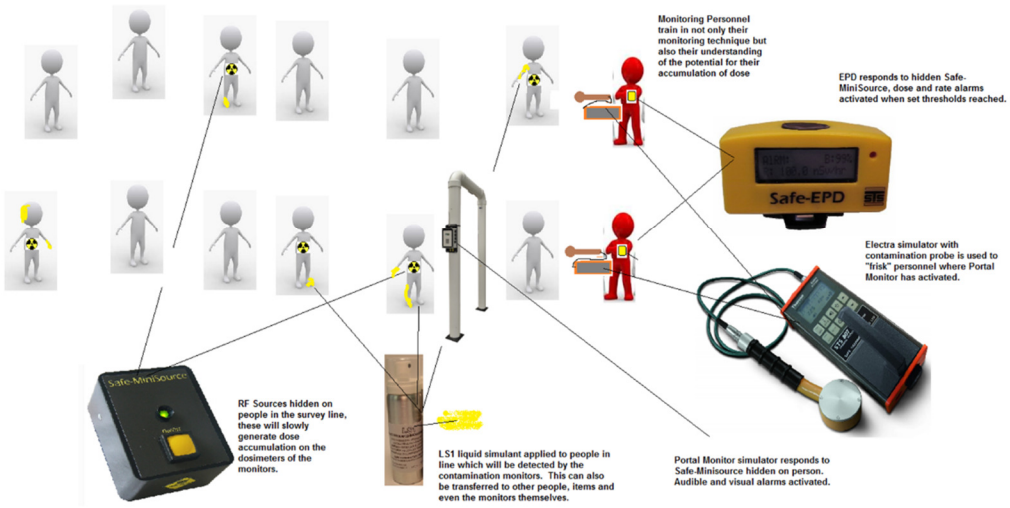
The Safe-Series includes the Safe-EPD a dosimeter simulator and the Survey-Safe a simulated survey meter. These units can respond to the same sources as so be used in other training scenarios where radiation field simulation is required. The units have Dose and Rate displays, user configurable alarms and backgrounds.

The sources have a variable activity which has 10 levels set by a rotary dial. At just 80 x 60 x 40mm and are perfect for hiding in a training area or on personnel.

Training scenarios can now be run without ever needing to use a real source.

Training scenario for monitoring personnel following a nuclear incident using STS Simulation Systems.



The STS Portal Monitor Simulator concept can be applied to a number of different installed and portable portals we will work with you to provide a solution for your own equipment – please ask your distributor for more details.

www.radiationsimulation.com

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