### Instrument Name

<table>
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<tr>
<th>STS</th>
<th>Safe-Portal Detector</th>
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**Description**

The STS Safe-Portal Detector is a detection unit used to simulate activation of a portal monitor. The detector can be either battery or mains powered.

The unit is connected to control box housing a sounder and alarm beacon, these are activated when the portal detector is triggered by the presence of a Safe-Series Source.

The Safe-Portal Monitor is compatible with the whole Safe-Series range of instruments.

### Dimensions (mm)

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80H 60W 40D

### Weight (KG)

| 0.20KG |

### Construction

Moulded Plastic Case

### Controls

none

### Control Keys

none

### Display Type

None

### Backlight

N/a

### Battery

2 x AAA 1.5V cells -or 5V Supply from Control Box

Battery life 10 hrs+

### Detector

STS radio frequency Detector

3 pole emitter for 360 degree Isotropic field

### Range

Up to 15M depending on Activity level

### Operating & Storage Temperature

Operating temp 0 to +30C Storage temp 0C to +40C

### Warm up time

10 seconds from switch on to ready.

### Available Meters

Survey-Safe Safe-EPD Dosi-Safe

### Additional Information

The STS Safe-Portal Detector is not designed to be intrinsically safe and therefore should not be used in hazardous environments. The units are not waterproof and contain delicate and sensitive electronics which may be caused to fail if exposed to moisture. Units should be stored in a clean and dry environment, batteries should be removed if storing for more than 4 weeks.

Instrument response will be affected by environmental conditions such as the presence of large reflective surfaces, substantial metal structures and variable wall thicknesses.