

STS Safe-Pocket Source

Introduction

The STS Safe-Pocket Source is a simulated radiation source for use with the Survey-Safe, Safe-EPD and Dosi-Safe range of instruments.

The Safe-Pocket Source is a variable activity source with a near isotropic field pattern. Its small size makes it easily hidden for carrying out training where a source may be required to be hidden on a person.

The Safe-Pocket Source is compatible with the whole Safe-Series range of instruments.



Specification

Dimensions (mm): 105x65x24 (HxWxD)

Weight (KG): 0.10KG

Construction: Moulded Plastic Case. Available with pocket clip

Controls: 1 surface mounted push button; 1 adjustable activity dial

Control Keys: On/Off

Display Type: None

Backlight: N/a

Battery: 2 x AAA 1.5V cells. THIS UNIT CANNOT BE MAINS RECHARGED. Battery life 10 hrs+

Emitter: STS radio frequency Detector. 3 pole emitter for 360 degree Isotropic field

Low Battery LED: Green on; Red - Low Battery

Range: Up to 15M depending on Activity level & shielding

Isotope Activity: Variable Activity level, 0.5uSv to 25mSv at 1M

Operating & Storage Temperature: Operating temp 0 to +40C; 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-Pocket Source 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.