

STS RDS30



The STS RDS30 simulator is a simulated radiation survey meter designed to aid the tuition of workers in the nuclear industry in safe practices and in understanding the nature and mechanics of ionising radiation.

The instrument operates using an STS radio frequency detection head which detects the presence of a simulated radiation field, generated by the Safe-MiniSource, with the resultant reading displayed on the LCD Display of the instrument. The RDS30 may be used in conjunction with all Safe Series simulators to provide a more in-depth training experience.

Dimensions (mm)	126H	78W	32D
Weight (KG)	0.22KG		
Construction	Moulded Plastic Case		
Controls	Single button		
Control Keys	On/Off	Menu	Backlight on/off & menu scroll Audio on/off and menu scroll
Display Type	Digital	Black & White	
Backlight	Yes		
Battery	2 x AA 1.5V cells	Battery life 7 hrs+	
Range	0.1uSv to 100mSv		
Detector	STS radio frequency Detector		
Audio Output	Yes – Selectable on/off	Rate and Alarm	
Alarm Thresholds	YES	Set in menu	
Alarm LED	NO		
Histogram	NO		
Background	n/a		
Operating & Store Temp	Operating temp 0 to +30C	Storage temp 0C to +40C	
Warm up time	10 seconds from switch on to ready.		
Available Sources	Safe-MiniSources	Available in a range of activity levels	
Additional Information	<p>The STS RDS30 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.</p> <p>Instrument response will be affected by environmental conditions such as the presence of large reflective surfaces, substantial metal structures and variable wall thicknesses.</p>		

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