


## STS Safe-Series Field Survey Instruments

Instrument Name	STS Dosi-Safe Dosimeter			
	<p><b>Description</b></p> <p>The STS Dosi-Safe simulator is a simulated generic Electronic Personal Dosimeter designed to aid the tuition of workers in the nuclear industry in safe practices and in understanding the accumulation of dose over time but without exposure to radiation .</p> <p>The instrument operates using an STS radio frequency detection head which detects the presence of a simulated radiation field with the resultant reading displayed on the LCD Display.</p> <p>The instrument will work simultaneously with the Survey-Safe to provide a complete training experience. Set-able alarm levels, background and chirp rates allow the user to create their own specific training environment.</p>			
	Dimensions (mm)	120H	65W	23D
Weight (KG)	0.15KG			
Construction	Moulded Plastic Case			
Controls	Surface mounted pushbuttons	Suitable for gloved use		
Buttons	On/Off	Menu	Select	
Display Type	Digital	2 Line 16 character LCD		
Backlight	Yes			
Battery	2 x AA 1.5V cells	THIS UNIT CANNOT BE MAINS RECHARGED	Battery life 10 hrs+	
Detector	STS radio frequency Detector			
Audio Output	Yes	Alarm and chirp rate		
Alarm Thresholds	Yes	Set in user menu		
LED	Red Led	Chirp and alarm response		
Functionality	Dose display	Rate Display		
Background	Level set in user menu			
Operating & Storage Temperature	Operating temp 0 to +30C	Storage temp 0C to +40C		
Warm up time	10 seconds from switch on to ready.			
Available Sources	Safe-MiniSource			
Additional Information	<p>The STS Dosi-Safe 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>			