

STS 800 Series Contamination Simulators

Instrument Name		STS 812	
		<p>Description</p> <p>The STS Model 812 consists of a real Rotem Ram Gene MkII ratemeter, but with additional STS electronics installed within the case and powered from the Ram Gene's battery supply.</p> <p>The instrument operates using an STS simulated probe containing a gas detection head which detects the presence of the stimulant placed on surfaces and clothing, the resultant reading is displayed as counts per second on the Ram Gene Display.</p>	
Dimensions (mm)	110H	67W	104D
Weight (KG)	0.76KG		
Construction	ABS/ Rugged Metal Casing		
Display Type	Digital	Single line 4 digit Display	
Backlight	Yes		
Battery	1 x 9V "PP3" cell	THIS UNIT CANNOT BE MAINS RECHARGED	Battery life 1-1.5 hrs
Detector	STS Gas detection system	Detection unit based in original housing	
Audio Output	Yes	Not adjustable	
Alarm Thresholds	NO		
Retained Functionality	Menu functionality unchanged. CPS only.	Simulation of Contamination only – THIS UNIT DOES NOT DO DOSE RATE	Cap on/off functionality retained.
Connector	N/A		
Operating & Storage Temperature	Operating temp 0 to +30C	Above 30C the stimulant will rapidly evaporate	Storage temp -10C to +40C
Warm up time	30 seconds from switch on to ready.		
Available Probes	N/A		
Available Simulants	LS1 –liquid stimulant spray	SS4 – solid stimulant source	Please refer to MSDS sheets for further information
Additional Information	<p>The STS 812 and it's probes are 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 excessive heat and humidity and by air flow, strong air conditioning units and outside exercises may need to be considered to ensure the stimulant is identifiable by a trainee.</p>		