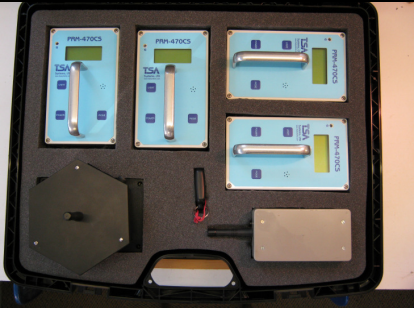


STS 900 Series Dose Rate Simulators

Instrument Name		STS 908	TSA PRM470CS	
		<p>Description</p> <p>The STS Model 908 consists of a real TSA PRM470 meter, but with additional STS electronics installed within the case and powered from a separate battery supply.</p> <p>The instrument operates using an STS simulated microwave source which emits a field detected by the instrument and the resultant reading is displayed as a dose rate on the PRM Display.</p>		
Dimensions (mm)	20H	12W	9D (without handle)	
Weight (KG)	1.1KG			
Construction	Moulded plastic Box			
Display Type	Digital 4 line LCD			
Backlight	YES			
Battery	4 x 1.5V "AA" cells & 1 x 9V "PP3" cell	THIS UNIT CANNOT BE MAINS RECHARGED		Battery life 2-3 hrs
Detector	2 x Microwave detectors housed in front and base	Detection units behind plastic protective shims		
Audio Output	Yes compatible with ear piece			
Alarm Thresholds	Configurable from 0.1 to 9.9 sigma			
Retained Functionality	All original instrument controls and switches retained	Software unchanged from real instrument.		
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	Set on instrument for background stability			
Available Probes	n/a			
Available Simulants	914 Miniature Source -unidirectional	911 Box Source – unidirectional & adjustable power levels	912 Pipe Source – adjustable direction of emission in 3 planes	913 Hex source – 360 degree emission in a 60 degree plane
Additional Information	The STS 908 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 may be affected by environmental conditions such as the presence of metal shielding and substantial walls which may shield the source.			

