


STS 800 Series Contamination Simulators

Instrument Name		STS 802			Thermo Mini Instrument 900				
		<p>Description</p> <p>The STS Model 802 consists of a real Mini Instrument ratemeter, but with additional STS electronics installed within the case and powered from the mini'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 minute on the Mini's Display.</p>							
Dimensions (mm)	165H			180W		110D			
Weight (KG)	1.0KG								
Construction	Aluminium Metal Case								
Display Type	Analogue Dial in CPS			0 to 2000 Counts					
Backlight	No								
Battery	6 x 1.5V "AA" cells LR6			THIS UNIT CANNOT BE MAINS RECHARGED		Battery life 8-10 hrs			
Detector	None			Detection unit based in probe					
Audio Output	Yes			Audio can be tunred off using selector dial					
Alarm Thresholds	Yes			Set from instrument face					
Retained Functionality	All original instrument controls and switches retained								
Connector	STS 5 Pin connector for use only with STS simulated probes			Cable 1.2M					
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	44A	DP2	DP6	BP4	HP260	HP210	DP5A	43-5	AP3
Available Simulants	LS1 –liquid stimulant spray		SS4 – solid stimulant source		Please refer to MSDS sheets for further information				
Additional Information	<p>The STS 802 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>								