STS 800 Series Contamination Simulators

Instrument Name	**STS Smart SPA6**	**For Canberra Mip10 & Automess 6150AD**

Description

The STS Smart SPA6 is a simulation of a real probe , but with additional STS electronics installed within the case and powered from a rechargeable 3.7V Lithium Ion cell. The STS simulated probe containa a gas detection head which detects the presence of the simulant placed on surfaces and clothing, the resultant reading is displayed as counts per minute on the instrument Display.

Dimensions (mm)	H 205	W 51	D
Weight (KG)	0.5 KG		
Construction	Powder coated Aluminium casing		
LEDs	ON/Battery Low	Charging/Full Charge	
Battery	Powered from 3.7V Lithium Ion Cell with USb charging port – approx. 10-12hour run time on full charge.		
Detector	STS gas detector situated behind perforated face plate		
Retained Functionality	All original instrument controls and switches retained	Software unchanged from real instrument.	
Connector	Can be supplied with Fischer connector compatible with MIP10Analoue, Mip10 D or 6150AD		
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 Simulants	LS1 –liquid stimulant spray	SS4 – solid stimulant source	Please refer to MSDS sheets for further information
Additional Information	The STS Smart SPA6 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. Instrument response may 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.		

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