STS 800 Series Contamination Simulators

Instrument Name	**STS DP6 RE**	**Dp6 smart Probe for RadEye SX**
	Description The STS DP6 smart probe houses the STS electronics, battery pack and detection system ready for connection directly to a real unmodified RadEye SX. The STS simulated probe contains 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 220	W 60	D 60
Weight (KG)	0.9 KG		
Construction	Aluminium casing		
Display Type	N/A		
Backlight	N/A		
Battery	Powered from own batteries.	Instrument turns on when RadEye is switched on.	
Detector	STS gas detectors situated behind perforated face plate		
Audio Output	Selectable on Instrument		
Alarm Thresholds	Selectable on Instrument		
Retained Functionality	All original instrument controls and switches retained	Software unchanged from real instrument.	
Connector	Standard RadEye coax lead, BNC HT lead supplied		
Operating & Storage Temperature	Operating temp 0 to +30C	Above 30C the stimulant will rapidly evaporate	Storage temp 0C 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	The STS DP6 for RadEye 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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