


STS 800 Series Contamination Simulators

Instrument Name		STS Ludlum 43-5	Large Area contamination probe	
		Description		
		<p>The STS 43-5 is a real Ludlum probe , but with a STS gas detection head rather than a real detector.</p> <p>STS electronics installed within the host instrument power the gas detection system and the signal generated is displayed on the host instrument as counts.</p> <p>The Probe detects the presence of the STS LS1 liquid simulant spray placed on surfaces and clothing.</p>		
Dimensions (mm)	L 340 (inc Head)	W 64 (Head	D 76 (Head)	
Weight (KG)	0.9 KG			
Construction	Steel			
Display Type	N/A			
Backlight	N/A			
Battery	Powered from Host instrument			
Detector	STS gas detector situated behind perforated face plate			
Audio Output	Selectable on Instrument			
Alarm Thresholds	Selectable on Instrument			
Connector	STS 5 way connector which fits only into STS connector on host instrument to prevent incorrect probe attachment.			
Operating & Storage Temperature	Operating temp +5 to +30C		Above 30C the simulant will rapidly evaporate	Storage temp 0C to +40C Instrument must be brought to min 5C before operation.
Warm up time	30 seconds from switch on to ready.			
Available Instruments	All STS 800 series instruments are compatible.			
Available Simulants	LS1 –liquid simulant spray	SS4 – solid simulant source	Please refer to MSDS sheets for further information	
Additional Information	<p>The STS 43-5 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.</p> <p>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 simulant is identifiable by a trainee.</p>			