

STS 800 Series Contamination Simulators

Instrument Name		STS 801 A		Eberline RM14 Ratemeter					
		<p>The STS Model 801A consists of a real Eberline RM14 ratemeter, but with additional STS electronics installed within the case and powered from the Rm14'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 RM14 Display.</p>							
Dimensions (mm)	60H	200W			200D				
Weight (KG)	2.0KG								
Construction	Rugged Metal Case								
Display Type	Analogue Dial		Alarm threshold Light						
Backlight	No								
Battery	6 x 1.5V "C" cells LR14		THIS UNIT CANNOT BE MAINS RECHARGED			Battery life 12-16 hrs			
Detector	None		Detection unit based in probe						
Audio Output	Yes		Volume Adjuster Dial						
Alarm Thresholds	Yes		Alarm Thresholds set on rear of instrument for each scale						
Retained Functionality	All original instrument controls and switches retained		Fast slow toggle to adjust speed of response			3 scales , x1, x10, x100			
Connector	STS 5 Pin connector for use only with STS simulated probes								
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 801A 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>								