

STS Contamination Trainer



The STS Contamination Trainer is a generic simulated ionising radiation meter for the training of nuclear workers in the identification and quantification of radioactive contamination.

The instrument operates using an STS simulated probe containing a gas detection head which detects the presence of the simulant placed on surfaces and clothing, the resultant reading is displayed as counts per second on the instrument display.

Dimensions (mm)	165H	180W	110D
Weight (KG)	1.0KG		
Construction	Aluminium Metal Case		
Display Type	3.2" LCD Colour Display		
Power	3.7V Lithium-Ion Rechargeable Cell, Or mains powered	Mains 110-230V, 6A Charger included	Battery life 12-14 hrs
Detector	None	Detection unit based in probe	
Audio Output	Yes	Audio mute function	
Alarm Thresholds	Yes	Set from instrument panel	
Display Output	Counts per second with auto-scaling and alarm indicator		
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 0C 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 contamination trainer and its 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. 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>		