STS Contamination Trainer

Instrument Name		**STS Contamination Trainer**
	Description 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	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.								