


STS 900 Series Field Survey Simulators

Instrument Name	STS 6150AD		Saphymo 6150AD	
	Description			
	<p>The STS 6150AD consists of a real Saphymo 6150 Survey Meter with additional STS electronics built into an extended case.</p> <p>The instrument operates using a STS radiofrequency detection head which detects the presence of a simulated radiation source, the resultant reading is displayed as counts on the 6150 Display.</p>			
Dimensions (mm)	184H		86W	34D
Weight (KG)	0.7 KG			
Construction	Rugged Plastic Case		AD5 retains original case and is housed in a longer plastic case	
Beta Shield	NO			
Display Type	Digital display			
Backlight	Yes		On /Off	
Battery	1 x 9V "PP3" cell			Battery life 3-4 hrs
Detector	Radiofrequency detector		1 x Detectors orientated to face out of top end of case	
Audio Output	No			
Alarm Thresholds	Yes			
Retained Functionality	Functionality retained		AD models 3 & 5 only	
Scale Ranges	10 ySv/h	1000 mSv/h		
Connector	Not suitable for use with external probes			
Operating & Storage Temperature	Operating temp 0 to +30C		Above 30C the stimulant will rapidly evaporate	Storage temp -10C to +40C
Warm up time	10 seconds from switch on to ready.			
Available Sources	911 Box Source	912 Pipe Source	913 Hexagonal Source	914 Miniature Source
Additional Information	<p>The STS 6150AD 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, batteries should be removed if storing for more than 4 weeks.</p> <p>Instrument response will be affected by environmental conditions such as the presence of large reflective surfaces, substantial metal structures and variable wall thicknesses.</p>			