STS Safe-Series Field Survey Instruments

Instrument Name	STS Dual FH40G Meter		
	Description The STS Dual -FH40G simulator is a simulated radiation survey meter which can be operated with the internal simulated detector, a simulated ration probe or a simulated contamination probe. The instrument operates using an STS radio frequency detection head which detects the presence of a simulated radiation field, and the STS LS1 simulated liquid contaminant for surface contamination. The Safe-FH40G may be used in conjunction with other Safe-Series simulators to provide a more in depth training experience.		
Dimensions (mm)	190H	70W	55D
Weight (KG)	0.4KG		
Construction	Moulded Plastic Case		
Controls	Single piece membrane keypad	4 function keys	Gloved operable buttons
Control Keys	On/Off Press & Hold OFF Menu	Backlight on/off & menu scroll	Audio on/off and menu scroll
Display Type	Digital	65 x 35mm LCD	Black & White
Backlight	Yes	On/off from keypad	
Battery	Built in Lithium-Ion rechargeable cell	Battery life 10hrs+	Recharge time ~6hours
Detector	STS radio frequency Detector		
Audio Output	Yes – Selectable on/off	Rate and Alarm	
Alarm Thresholds	YES	Set in menu	
Units	uSv and CPS		
Background	Level set in user menu		
Operating & Storage Temperature	Operating temp 0 to +30C	Storage temp 0C to +40C	
Warm up time	10 seconds from switch on to ready.	Network OK icon displayed	
Compatible Probes	STS FHZ732 Pancake Probe	STS FHZ512 Radiation Probe	STS Telepole Probe
Available Sources	Safe-MiniSource, Safe-MiniSource Variable, Safe-MiniSource Radio Controlled		
Additional Information	The STS Safe-FH40G 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. Instrument response will be affected by environmental conditions such as the presence of large reflective surfaces, substantial metal structures and variable wall thicknesses.		