

STS Dual FH40G Meter



The STS Dual -FH40G simulator is a simulated radiation survey meter which can be operated with the internal simulated detector, a simulated radiation 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.

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|---------------------------------|--|----------------------------|--|
| 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. | | |

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