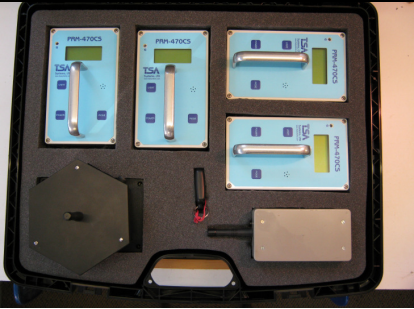


STS 900 Series Dose Rate Simulators

| | | | | |
|--|--|--|--|---|
| Instrument Name | | STS 908 | TSA PRM470CS | |
|  | | <p>Description</p> <p>The STS Model 908 consists of a real TSA PRM470 meter, but with additional STS electronics installed within the case and powered from a separate battery supply.</p> <p>The instrument operates using an STS simulated microwave source which emits a field detected by the instrument and the resultant reading is displayed as a dose rate on the PRM Display.</p> | | |
| Dimensions (mm) | 20H | 12W | 9D (without handle) | |
| Weight (KG) | 1.1KG | | | |
| Construction | Moulded plastic Box | | | |
| Display Type | Digital 4 line LCD | | | |
| Backlight | YES | | | |
| Battery | 4 x 1.5V "AA" cells & 1 x 9V "PP3" cell | THIS UNIT CANNOT BE MAINS RECHARGED | | Battery life 2-3 hrs |
| Detector | 2 x Microwave detectors housed in front and base | Detection units behind plastic protective shims | | |
| Audio Output | Yes compatible with ear piece | | | |
| Alarm Thresholds | Configurable from 0.1 to 9.9 sigma | | | |
| Retained Functionality | All original instrument controls and switches retained | Software unchanged from real instrument. | | |
| Connector | n/a | | | |
| Operating & Storage Temperature | Operating temp 0 to +30C | Above 30C the stimulant will rapidly evaporate | | Storage temp -10C to +40C |
| Warm up time | Set on instrument for background stability | | | |
| Available Probes | n/a | | | |
| Available Simulants | 914 Miniature Source -unidirectional | 911 Box Source – unidirectional & adjustable power levels | 912 Pipe Source – adjustable direction of emission in 3 planes | 913 Hex source – 360 degree emission in a 60 degree plane |
| Additional Information | The STS 908 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 may be affected by environmental conditions such as the presence of metal shielding and substantial walls which may shield the source. | | | |

