

STS 800 Series Contamination Simulators

| | | | | | | | | | |
|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------------------------|------------------------|-----------------------------------------------------|---------------------------|------|-----|
| Instrument Name | | STS 807 | | | Thermo Fischer Electra | | | | |
|  | | <p>Description</p> <p>The STS Model 807 consists of a real Thermo Electra ratemeter, but with additional STS electronics installed within the case and powered from the Electra's battery supply.</p> <p>The instrument operates using an STS simulated probe containing a gas detection head which detects the presence of the stimulant placed on surfaces and clothing, the resultant reading is displayed as counts per minute on the Electra Display.</p> | | | | | | | |
| Dimensions (mm) | 135H | 110W | | | 250D | | | | |
| Weight (KG) | 1.2KG | | | | | | | | |
| Construction | Rugged Metal Housing | | | | | | | | |
| Display Type | Digital Display | | | Autoranging Digital & Bar Graph Displays | | | | | |
| Backlight | Yes | | | | | | | | |
| Battery | 3 x 1.5V "C" cells LR14 | | | THIS UNIT CANNOT BE MAINS RECHARGED | | | Battery life 8-10 hrs | | |
| Detector | None | | | Detection unit based in probe | | | | | |
| Audio Output | Distinct tones for Alpha and Beta Modes | | | 3.5 mm Headphone/Earpiece jack operational | | | | | |
| Alarm Thresholds | May be set on instrument | | | | | | | | |
| Retained Functionality | All original instrument controls and switches retained | | | Software unchanged from real instrument. | | | | | |
| Connector | STS 5 Pin connector for use only with STS simulated probes | | | | | | | | |
| Operating & Storage Temperature | Operating temp 0 to +30C | | | Above 30C the stimulant will rapidly evaporate | | | Storage temp -10C 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 | <p>The STS 807 and it's 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, batteries should be removed if storing for more than 4 weeks.</p> <p>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.</p> | | | | | | | | |