


## STS 800 Series Contamination Simulators

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|--|---|---|---|--|
| Instrument Name  |   | <b>STS HP260</b>  | <b>Pancake contamination probe</b>  |  |
|  |   | <p><b>Description</b></p> <p>The STS HP260 is a replica of a real pancake probe , but with a STS gas detection head rather than a real detector.</p> <p>STS electronics installed within the host instrument power the gas detection system and the signal generated is displayed on the host instrument as counts.</p> <p>The Probe detects the presence of the STS LS1 liquid simulant spray placed on surfaces and clothing.</p> |   |  |
| Dimensions (mm)  | L 200 (inc Head)  | W 60 ( Head diameter)   | D 30 (Head)   |  |
| Weight (KG)  | 0.4 KG  |   |   |  |
| Construction   | Steel   |   |   |  |
| Display Type   | N/A   |   |   |  |
| Backlight  | N/A   |   |   |  |
| Battery  | Powered from Host instrument  |   |   |  |
| Detector   | STS gas detectors situated behind perforated face plate   |   |   |  |
| Audio Output   | Selectable on Instrument  |   |   |  |
| Alarm Thresholds   | Selectable on Instrument  |   |   |  |
| Connector  | STS 5 way connector which fits only into STS connector on host instrument to prevent incorrect probe attachment.  |   |   |  |
| Operating & Storage Temperature  | Operating temp +5 to +30C   | Above 30C the simulant will rapidly evaporate   | Storage temp 0C to +40C<br>Instrument must be brought to min 5C before operation. |  |
| Warm up time   | 30 seconds from switch on to ready.   |   |   |  |
| Available Instruments  | All STS 800 series instruments are compatible.  |   |   |  |
| Available Simulants  | LS1 –liquid simulant spray  | SS4 – solid simulant source   | Please refer to MSDS sheets for further information                               |  |
| Additional Information   | <p>The STS HP260 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.</p> <p>Instrument response may 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 simulant is identifiable by a trainee.</p> |   |   |  |