



STS Contamination and Radiation Simulators Product Portfolio

Simulated Contamination Meters (Modified meters for training Only)	
	<p>Thermo Mini 900</p> <ul style="list-style-type: none"> • Desktop Analogue meter • Alarm set point • Compatible with all standard STS probes • Commonly used with STS 44A and EP15 probes
	<p>Thermo Electra</p> <ul style="list-style-type: none"> • Digital meter • Alarm set point • Compatible with all standard STS probes • Customer to supply meter for conversion as no longer available
	<p>Ludlum 3,3A,12,14</p> <ul style="list-style-type: none"> • Analogue meter • Fast/slow response • Adjustable range control • Compatible with all standard STS Probes
	<p>Rotem Ram Gene 1 MK II</p> <ul style="list-style-type: none"> • Contamination only digital Simulator (CPS) • Inbuilt detector -no probe required • Handheld format • Selectable Alarm Threshold
	<p>STS Contamination Trainer</p> <ul style="list-style-type: none"> • Digital Desktop Meter • Large Colour LCD display • Alarm set point • Audio on/off • Adjustable Front legs & Carry Handle • Powered from Mains or internal Lithium battery • Compatible with all STS Standard Probes



STS Wall mounted Contamination Monitor

- Large Touch screen Colour LCD
- Dual Channel Alpha/Beta output with separate channel alarm LEDs
- Background check on start up
- Adjustable alarm thresholds for both channels
- Comprehensive user menu
- Audio output of clicks and separate alarm sounder
- Mains Powered 110-230V
- Compatible with STS DP6 Standard probe



Thermo FH40 Dual purpose meter

- Modified Meter to run both Gamma and Contamination probes
- Internal Gamma Detector simulation
- Compatible with FHZ732 contamination probe and FHZ512 Gamma Probe
- Unit automatically switches from internal detector to external Gamma probe when plugged in – output in uSV.
- Probe output in CPS
- Powered by rechargeable Lithium cell giving 10-12 hours run time

Simulated Smart Contamination Probes (for use with Real meters)



DP2 Smart Probe

- XL version of DP2 style probe 75cm² probe
- Connects directly to Real unmodified RadEye SX
- All functionality of RadEye retained
- Responds to STS LS1 and SS4 simulants
- Powered by Lithium Ion rechargeable battery



DP6 Smart Probe for RadEye SX

- Large area 100cm² probe
- Connects directly to Real unmodified RadEye SX
- All functionality of RadEye retained
- Responds to STS LS1 and SS4 simulants
- Powered by Lithium Ion rechargeable battery
- Run time 12-14 hours



DP6 Smart Probe for Mirion Radiagem 2000

- Large area 100cm² probe
- Connects directly to Real unmodified Radiagem
- All functionality of Radiagem retained
- Responds to STS LS1 and SS4 simulants
- Powered by Lithium Ion rechargeable battery
- Run time 12-14 hours



ADK Large Area Probe for Automeass 6150AD

- Dual detector Large area 100cm² probe
- Connects directly to Real unmodified 6150AD
- All functionality of retained
- Automatic range switching
- Setable alarm thresholds
- Responds to STS LS1 and SS4 simulants
- Powered by 6AA battery pack



SBM-2D Simulated Probe for Canberra MIP10D

- Dual detector large area probe
- Connects directly to Canberra MIP10D
- Responds to STS LS1 and SS4 simulants
- Powered by Mip10 from mains supply
- Probe hook so probe can be hung for non- contact hand monitoring





STS Universal Smart Probe



- End Window probe
- Connectors available for RadEye SX, Automeass 6150AD, Mini 900, Canberra MIP10D, Radiagem 2000,
- Responds to STS LS1 and SS4 simulants
- Powered by Lithium Ion rechargeable battery
- Run time 12-14 hours











STS Training Simulator Smart Interface



- Interface box to connect real meter to smaller STS standard probes.
- Ideal for HP260,HP210,44A,DP2 STS Standard Probes.
- Connects directly to Real unmodified meter
- Small form size 100*80*40mm
- Responds to STS LS1 and SS4 simulants
- Powered by Lithium-Ion rechargeable battery
- Run time 12-14 hours

	<p>Bertin Saphyrad AB31 Probe</p> <ul style="list-style-type: none"> • 31cm² Dual detector probe • Connects directly to Bertin's Saphyrad Meter • Responds to STS LS1 and SS4 simulants • Powered by Lithium-Ion rechargeable Cell giving 10 hours run time • Probe has rate and Proximity to surface alarm LEDs
	<p>Bertin Saphyrad AB170 Probe</p> <ul style="list-style-type: none"> • 170cm² Dual detector probe • Connects directly to Bertin's Saphyrad Meter • Responds to STS LS1 and SS4 simulants • Powered by Lithium-Ion rechargeable Cell giving 10 hours run time • Probe has rate and Proximity to surface alarm LEDs

Standard Contamination Probes (for use with STS simulated meters and Interface box)	
	<p>44A Probe</p> <ul style="list-style-type: none"> • Cylindrical end window Probe • 150 x 50mm Dia • Anodised steel body • Powered from host instrument via 5 way connector • Compatible with all STS simulated meters and the Training Simulator Smart Interface. • Detects STS LS1 and SS4 Simulants
	<p>EP15 Probe</p> <ul style="list-style-type: none"> • Cylindrical end window Probe • 110 x 60mm Dia • Anodised steel body • Powered from host instrument via 5 way connector • Commonly used with Mini900 Instrument • Compatible with all STS simulated meters and the Training Simulator Smart Interface. • Detects STS LS1 and SS4 Simulants

	<p>BP4 Probe</p> <ul style="list-style-type: none"> • Cylindrical end window Probe • 150 x 40mm Dia handle x 70mm dia head • Powder coated Aluminium body • Powered from host instrument via 5 way connector • Compatible with all STS simulated meters and the Training Simulator Smart Interface. • Detects STS LS1 and SS4 Simulants
	<p>DP2 Probe</p> <ul style="list-style-type: none"> • Square 70cm² end window Probe • 150 x 70 x 70mm • Powder coated steel body • Powered from host instrument via 5 way connector • Compatible with all STS simulated meters and the Training Simulator Smart Interface. • Detects STS LS1 and SS4 Simulants
	<p>HP210 Probe</p> <ul style="list-style-type: none"> • Simulated shielded probe 0.9KG • 135 x 88x 100 • Anodised Aluminium body with steel insert • Carry handle • Powered from host instrument via 5 way connector • Compatible with all STS simulated meters and the Training Simulator Smart Interface. • Detects STS LS1 and SS4 Simulants
	<p>HP260 Pancake Probe</p> <ul style="list-style-type: none"> • Pancake probe • 200 x 60 x 30mm • Powder coated steel body with aluminium face plates • Powered from host instrument via 5 way connector • Contoured rubber grip handle • Compatible with all STS simulated meters and the Training Simulator Smart Interface. • Detects STS LS1 and SS4 Simulants
	<p>43-5 Large Rectangular Probe</p> <ul style="list-style-type: none"> • 76cm² Large area • 340 x 64 x 76mm • Powder coated steel body • Commonly used with Ludlum Meters • Powered from host instrument via 5 way connector • Compatible with all STS simulated meters and the Training Simulator Smart Interface. • Detects STS LS1 and SS4 Simulants

	<p>DP6 Large Rectangular Probe</p> <ul style="list-style-type: none"> • 100cm² Large Area Probe • 340 x 64 x 76mm • Powder coated alloy body • Powered from host instrument via 5 way connector • Compatible with all STS simulated meters and the Training Simulator Smart Interface. • Detects STS LS1 and SS4 Simulants
	<p>DP6 Dual detector large probe</p> <ul style="list-style-type: none"> • 100cm² Large Area Probe with 2 detectors • 340 x 64 x 76mm • Powder coated alloy body • Powered from host instrument via 5 way connector • Compatible with all STS simulated meters and the Training Simulator Smart Interface. • Detects STS LS1 and SS4 Simulants
	<p>FHZ 732 Probe</p> <ul style="list-style-type: none"> • Pancake Probe • 150 x 50mm Dia • Plastic and aluminium body • For use with STS Thermo FH40 Dual Meter • Powered from host instrument via 4 way connector • Compatible with all STS simulated meters and the Training Simulator Smart Interface. • Detects STS LS1 and SS4 Simulants

Consumables for use with Contamination meters and probes	
	<p>Box of 10 LS1</p> <ul style="list-style-type: none"> • STS Liquid simulated radiation Source • Pack of 10 35ml spray cans • Approx 200 applications per can • Shelf life of 5 years • Product completely evaporates to leave training area clear • Full MSDS supplied
	<p>Box of 10 SS4</p> <ul style="list-style-type: none"> • STS solid (granular) simulated radiation Source • Pack of 10 35ml cans • Approx 50 applications per can • Shelf life of 3 years • Product can be swept up after use to leave no trace • Full MSDS supplied

Simulated Radiation Survey Meters



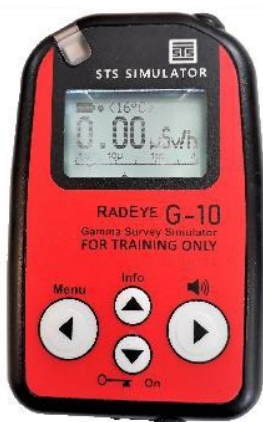
STS Survey-Safe Simulated Survey Meter

- 360° detection
- User selectable alarm threshold
- User selectable background level
- Led and Audible alarm
- Digital display with backlight
- Range ~15m
- Powered by 2AA cells
- Compatible with all sources and Networks with all other Safe series equipment up to 16 units.



STS Safe-FH40GL10 Survey Meter

- 360° detection
- User selectable alarm threshold
- User selectable background level
- Led and Audible alarm
- Digital display with backlight
- Range ~15m
- Powered by 2AA cells
- Can be used on Telepole with FHZ512 Probe
- Compatible with all sources and Networks with all other Safe series equipment up to 16 units.



Safe- Thermo RadEye G10 Survey Meter

- 0.5μSv/h to 100mSv/h
- 360° detection
- Standard RadEye controls retained
- Led and Audible and vibration alarm
- Digital display with backlight
- Range ~15m
- Powered by 2 x AAA cells
- Compatible with all sources and Networks with all other Safe series equipment up to 16 units.



Safe- Thermo RadEye GF10 High range Survey Meter

- 5μSv/h to 3Sv/h
- 360° detection
- Standard RadEye controls retained
- Led and Audible and vibration alarm
- Digital display with backlight
- Range ~15m
- Powered by 2 x AAA cells
- Compatible with all sources and Networks with all other Safe series equipment up to 16 units.



Safe Automess 6150AD Simulated Survey Meter

- 1 μ Sv/h to 999mSv/h
- 360° detection
- User selectable alarm threshold
- User selectable background level
- Led and Audible alarm
- Digital display with backlight
- Range ~15m
- Powered by 2 x AA cells
- Compatible with all sources and Networks with all other Safe series equipment up to 16 units.

Simulated Gamma Probes



Gamma Probe for FH40 Telepole

- Suitable for use with STS FH40 and FH40 Dual meters
- With Fischer connector suitable for connection to Thermo Telepole
- 170 x 48mm dia
- Plastic body with Aluminium connection housing
- Probe turns on automatically when connected to meter
- Power is supplied from host meter
- Compatible with all STS Safe series sources and may be networked with any other safe series equipment.
- Up to 16 devices may be networked and fielded simultaneously.



FHZ512 Simulated Gamma Probe

- Suitable for use with FH40, FH40 Dual meters
- Standard 6 way Fischer connector (NOT suitable for telepole)
- 150 x 48mm dia
- Plastic body
- Probe turns on automatically when connected to meter
- Power is supplied from host meter
- Compatible with all STS Safe series sources and may be networked with any other safe series equipment.
- Up to 16 devices may be networked and fielded simultaneously.

Simulated Dosimeters



Dosi-Safe Simulated Dosimeter

- Dose and Rate displays
- 1 user selectable rate alarm
- 2 user selectable dose alarms
- User selectable background level
- Led and Audible alarm
- Digital display with backlight
- Range ~15m
- Powered by 2 x AA cells
- Compatible with all Safe-Series sources and Networks with all other Safe series equipment up to 16 units in total.



Safe- EPD Simulated Dosimeter

- Dose and Rate displays
- 1 user selectable rate alarm
- 2 user selectable dose alarms
- User selectable alarm threshold
- User selectable background level
- Led and Audible alarm
- Digital display with backlight
- Range ~15m
- Powered by 2 x AA cells
- Compatible with all Safe-Series sources and Networks with all other Safe series equipment up to 16 units in total.

Simulated Radiation Sources



Safe- MiniSource

- Small size 80x60x40mm
- 10 power levels to select field strength by rotary dial
- Field strength ~0.5 μ Sv/h to 25mSv/h @ 1m
- Range ~15m
- Powered by 2 x AA cells -12hours+ lifetime
- Low battery /on led
- Compatible with all Safe-Series meters and Networks with all other Safe series equipment up to 16 units in total.



Safe- MiniSource Variable Remote Control

- Small size 80x60x40mm
- 8 power levels to select field strength by remote Control (remote range ~50m)
- Field strength ~0.5μSv/h to 25mSv/h @ 1m
- Range ~15m
- Powered by 2 x AA cells – 12hours+ lifetime
- Low battery /on led
- Compatible with all Safe-Series meters and Networks with all other Safe series equipment up to 16 units in total.



Safe- Pocket Source Variable

- Small size 105x65x24 – slim form suitable for hiding on people
- 10 power levels to select field strength by rotary dial
- ~0.5μSv/h to 25mSv/h @ 1m
- Range ~15m
- Powered by 2 x AA cells- 12hours+ lifetime
- Low battery /on led
- Compatible with all Safe-Series meters and Networks with all other Safe series equipment up to 16 units in total.

Portal Simulation



Safe- Portal Monitor

- Portal monitor simulation with fixed control box, portal detector and activated by MiniSource/Pocket source
- Control box features 80db Sounder
- Flashing Beacon activated on alarm trigger
- 10 levels to select detector sensitivity by rotary dial
- Range dependant on sensitivity selected
- Powered by supplied adapter 110-240V to 6V
- Compatible with all Safe-Series sources