

STS EP15	Simulated Contamination probe						
2P3 Simulated Pro	The STS EP15 is a replica of a real EP15 probe, but with an STS gas detection head rather than a real detector.						
Safe Habitally Systems; generally strong pages and the 44 His Habitally System and the 44 His Habitally Systems; and the 44 His Habitally Syst		STS electronics installed within the host instrument power the gas detection system and the signal generated is displayed on the host instrument as counts.					
	The Probe detects the prese and clothing.	nce of the Si	ΓS LS1 liquid stimula	nt spray	y placed on surfaces		
Dimensions (mm)	L 200 (inc Head)		W 60 (Head diame	eter)	D 30 (Head)		
Weight (KG)	0.4 KG						
Construction	Steel						
Display Type	N/A						
Backlight	N/A						
Battery	Powered from Host instrume	nt					
Detector	STS gas detectors situated be perforated face plate	ehind					
Audio Output	Selectable on Instrument						
Alarm Thresholds	Selectable on Instrument						
Connector	STS 5 way connector which f STS connector on host instru prevent incorrect probe attac	ment to					
Operating & Storage Temperature	Operating temp 0 to +30C		Above 30C the stir will rapidly evapora		Storage temp -10C to +40C		
Warm up time	30 seconds from switch on to	ready.					
Available Instruments	All STS 800 series instrument	s are compa	tible.				
Available Simulants	LS1 -liquid stimulant spray	LS1 –liquid stimulant spray SS4 – solid stimulant source Please refer to MSDS s for further information					
Additional Information	The STS EP15 is not designed hazardous environments. The electronics which may be cau clean and dry environment.	e units are no used to fail if	ot waterproof and co exposed to moisture	ntain de e. Units	elicate and sensitive should be stored in a		
	Instrument response may be and humidity and by air flow, to be considered to ensure the considered the considered to ensure the considered to ensu	strong air cone stimulant i	onditioning units and is identifiable by a tr	l outside ainee.	e exercises may need		



STS HP210	Shielded Pancake probe					
The property of the Control of the C	The STS HP210 is a simulated shield rather than a real detector.  STS electronics installed within the the signal generated is displayed or The Probe detects the presence of the and clothing.	host the	instrument power t host instrument as	the gas	detection system and	
Dimensions (mm)	L 135		W 88 (Head diam	eter)	D 100 (Head+ handle)	
Weight (KG)	0.9 KG					
Construction	Steel/Aluminium		Ventilation holes around circumfere	ence		
Battery	Powered from Host instrument					
Detector	STS gas detector 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 rapid evaporate	dly	Storage temp 0C to +40C 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 of	omp	atible.			
Available Simulants	LS1 –liquid simulant spray  SS4 – solid simulant source  SS4 – solid simulant for further information					
Additional Information	The STS HP210 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.					
	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.					
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STS Thermo DP6/BP19	Large Area contamination probe				
ST ASSAURT OF THE PROPERTY OF	The STS DP6 is a real Thermo probe, but with an STS gas detection head rather than a real detector.  STS electronics installed within the host instrument power the gas detection sy and the signal generated is displayed on the host instrument as counts. The Pr detects the presence of the STS LS1 liquid simulant spray placed on surfaces a clothing.				
Dimensions (mm)	L 340 (inc Head)	W 64 ( Head	D 76 (Head)		
Weight (KG)	0.9 KG				
Construction	Steel				
Display Type	N/A				
Backlight	N/A				
Battery	Powered from Host instrument				
Detector	STS gas detector situated behind perforated face plate	Also available with twin detectors (DP6-D)			
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 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 comp	patible.	<u> </u>		
Available Simulants	LS1 -liquid simulant spray	SS4 – solid simulant source	Please refer to MSDS sheets for further information		
Additional Information	The STS DP6 is not designed to be intri- used in hazardous environments. The u- and sensitive electronics which may be should be stored in a clean and dry env  Instrument response may be affected be excessive heat and humidity and by air outside exercises may need to be consid- by a trainee.	nits are not waterp caused to fail if exp ironment. y environmental co flow, strong air cor	roof and contain delicate posed to moisture. Units and itions such as additioning units and		



STS 44A Probe	Tubular contamination	probe			
R Landing	The STS 44A is a replica of a rereal detector.  STS electronics installed within signal generated is displayed of the Probe detects the presence clothing.	the host inst n the host ins	rument power the	e gas dete s.	ection system and the
Dimensions (mm)	L 150 (inc Head)		W 50 Diameter		D -
Weight (KG)	0.4 KG				
Construction	Anodised Steel / Plastic				
Display Type	N/A				
Backlight	N/A				
Battery	Powered from Host instrument				
Detector	STS gas detectors situated ber perforated face plate	ind			
Audio Output	Selectable on Instrument				
Alarm Thresholds	Selectable on Instrument				
Connector	STS 5 way connector which fits STS connector on host instrum prevent incorrect probe attach	ent to			
Operating & Storage Temperature	Operating temp +5 to +30C		Above 30C the s will rapidly evap		Storage temp 0C to +40C Instrument must be brought to min 5C before operation.
Warm up time	30 seconds from switch on to r	ready.			
Available Instruments	All STS 800 series instruments	are compatib	le.		1
Available Simulants	LS1 –liquid simulant spray	SS4 – solid	simulant source		refer to MSDS sheets for information
Additional Information	The STS 44A is not designed to hazardous environments. The electronics which may be cause clean and dry environment. Insuch as excessive heat and hull exercises may need to be cons	units are not red to fail if ex strument resp midity and by	waterproof and co posed to moisture ponse may be affe air flow, strong a	ontain del e. Units s cted by e ir conditi	licate and sensitive hould be stored in a environmental conditions oning units and outside

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## Datasheet STS 800 Series Contamination Simulated Probes 2023



STS AP3 Probe	Large Area contamination probe				
	The STS AP3 is a real AP3 probe, but detector.  STS electronics installed within the hast the signal generated is displayed on the presence of the STS LS1 liquid states.	nost inst	trument power t st instrument as	he ga	as detection system and nts. The Probe detects
Dimensions (mm)	L 300 (inc Head)		W 150 ( Head		D 100 (Head)
Weight (KG)	0.9 KG				
Construction	Painted Steel				
Display Type	N/A				
Backlight	N/A				
Battery	Powered from Host instrument				
Detector	STS gas detector situated behind perforated face plate				
Audio Output	Selectable on Instrument				
Alarm Thresholds	Selectable on Instrument				
Connector	STS 5 way connector which fits only STS connector on host instrument to prevent incorrect probe attachment.	)			
Operating & Storage Temperature	Operating temp +5 to +30C		Above 30C the simulant will rapidly evapor		Storage temp 0C to +40C 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 c	ompatib	ole.		1
Available Simulants	LS1 –liquid simulant spray  SS4 – solid simulant source  Please refer to MSDS sheets for further information				
Additional Information	The STS AP3 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. 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.				

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STS BP4 Probe	Tubular contamination pr	obe				
	The STS BP4 is a replica of a real BP4 probe, but with an STS gas detection head rathan a real detector.					
	STS electronics installed within the host instrument power the gas detection system and the signal generated is displayed on the host instrument as counts.					
A Marie Control of the Control of th	The Probe detects the presence of and clothing.	f the ST	S LS1 liquid simu	ulant spray placed on surfaces		
Dimensions (mm)	L 150 (inc Head)		W 40 Diamete	r Head 70mm		
Weight (KG)	0.4 KG					
Construction	Painted 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 on STS connector on host instrument prevent incorrect probe attachmen	to				
Operating & Storage Temperature	Operating temp +5 to +30C  Above 30C the simulant will rapidly evaporate		Storage temp 0C to +40C Instrument must be brought to min 5C before operation.			
Warm up time	30 seconds from switch on to read	у.				
Available Instruments	All STS 800 series instruments are	compat	ble.			
Available Simulants	LS1 –liquid simulant spray  SS4 – solid simulant source  SS4 – solid simulant for further information					
Additional Information	The STS BP4 is not designed to be hazardous environments. The unit sensitive electronics which may be stored in a clean and dry environments.	s are no caused	t waterproof and	d contain delicate and		
	Instrument response may be affect heat and humidity and by air flow, may need to be considered to ensu	strong a	air conditioning ι	units and outside exercises		

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STS DP2/AP2 Probe	Square end contamination probe					
	The STS DP2 is a real Thermo DP2 probe, but with an STS gas detection head rather than a real detector.					
	STS electronics installed within the host instrument power the gas detection system and the signal generated is displayed on the host instrument as counts.					
	The Probe detects the presence o and clothing.	The Probe detects the presence of the STS LS1 liquid simulant spray placed on surfaces and clothing.				
Dimensions (mm)	L 150 (inc Head)		W 70 Diamete	r Head 70 mm		
Weight (KG)	0.4 KG					
Construction	Painted 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 or STS connector on host instrument prevent incorrect probe attachme	to				
Operating & Storage Temperature	Operating temp +5 to +30C		Above 30C the simulant will rapidly evaporate	Storage temp 0C to +40C Instrument must be brought to min 5C before operation.		
Warm up time	30 seconds from switch on to read	dy.				
Available Instruments	All STS 800 series instruments are	compati	ible.	I		
Available Simulants	LS1 –liquid simulant spray  SS4 – solid simulant spray  SS4 – solid simulant for further information					
Additional Information	The STS DP2 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.					
	Instrument response may be affected by environmental conditions such as exc heat and humidity and by air flow, strong air conditioning units and outside ex may need to be considered to ensure the simulant is identifiable by a trainee.					



STS FHZ732	Pancake contamination probe  The STS FHZ732 is a replica of a real pancake probe, but with a STS gas detection head rather than a real detector. Designed for use with the STS FH40G Dual meter as is supplied by Thermo in their emergency kit.  STS electronics installed within the host instrument power the gas detection system and the signal generated is displayed on the host instrument as counts.  The Probe detects the presence of the STS LS1 liquid simulant spray placed on surfaces and clothing.				
Dimensions (mm)	L 200 (inc Head)		W 60 ( Head diameter)	D 30 (Head)	
Weight (KG)	0.4 KG				
Construction	Plastic body with Aluminium fac	ce plate			
Display Type	N/A				
Backlight	N/A				
Battery	Powered from Host instrument				
Detector	STS gas detectors situated behi perforated face plate	ind			
Audio Output	Selectable on Instrument				
Alarm Thresholds	Selectable on Instrument				
Connector	STS 4 way connector for connectors FH40 Dual meter – other connectors can be fitted.	ction to			
Operating & Storage Temperature	Operating temp +5 to +30C		Above 30C the simulant will rapidly evaporate	Storage temp 0C to +40C Instrument must be brought to min 5C before operation.	
Warm up time	30 seconds from switch on to re	eady.			
Available Instruments	STS FH40 Dual Meter				
Available Simulants	LS1 –liquid simulant spray  SS4 – solid simulant spray  SOURCE  SOURCE  Please refer to MSDS sheets for further information				
Additional Information	The STS FHZ732 is not designe used in hazardous environment and sensitive electronics which should be stored in a clean and Instrument response may be af heat and humidity and by air flo	s. The umay be dry enverted b	nits are not wate caused to fail if vironment. by environmental	erproof and contain delicate exposed to moisture. Units conditions such as excessive	
	may need to be considered to e	ensure tl	ne simulant is ide	entifiable by a trainee.	



STS HP260	Pancake contamination pro	obe			
	The STS HP260 is a replica of a real pancake probe, but with an STS gas detection head rather than a real detector.				
	STS electronics installed within the host instrument power the gas detection sy and the signal generated is displayed on the host instrument as counts.				
	The Probe detects the presence of the STS LS1 liquid simulant spray plac surfaces and clothing.				
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		<u> </u>		
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 probattachment.				
Operating & Storage Temperature	Operating temp +5 to +30C	Above 30C the simulant will rapi evaporate	dly +400 must min !	age temp 0C to C Instrument be brought to 5C before ation.	
Warm up time	30 seconds from switch on to ready.				
Available Instruments	All STS 800 series instruments are co	ompatible.			
Available Simulants	LS1 -liquid simulant spray	SS4 – solid simulant source	Please refe sheets for information	further	
Additional Information	The STS HP260 is not designed to be used in hazardous environments. The and sensitive electronics which may should be stored in a clean and dry eaffected by environmental conditions air flow, strong air conditioning units considered to ensure the simulant is ltd Tel: +44 (0)1189 799591 Email: se	e units are not water be caused to fail if e environment. Instrun s such as excessive h s and outside exercise identifiable by a trai	rproof and coxposed to ment response eat and hunges may need nee.	ontain delicate oisture. Units se may be nidity and by	



STS Ludlum 43-5	Large Area contamination probe				
The second second	The STS 43-5 is a real Ludlum pro than a real detector.	s detection head rather			
	STS electronics installed within the system and the signal generated is The Probe detects the presence of surfaces and clothing.	instrument as counts.			
Dimensions (mm)	L 340 (inc Head)	W 64 ( Head	D 76 (Head)		
Weight (KG)	0.9 KG				
Construction	Steel				
Display Type	N/A				
Backlight	N/A				
Battery	Powered from Host instrument		I		
Detector	STS gas detector 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 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	The STS 43-5 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. 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.				