



## Single Gas Detector : SGT(Disposabile)



The SGT Clip Single Gas Detector is designed for use in hazardous areas and offers reliable and durable fixed life monitoring in a compact, lightweight and maintenance-free package. SGT has a 2-year life and is available for hydrogen sulphide (H<sub>2</sub>S), carbon monoxide (CO), Ammonia (NH<sub>3</sub>), Hydrogen (H<sub>2</sub>), Sulphur dioxide (SO<sub>2</sub>), or oxygen (O<sub>2</sub>). SGT is designed to withstand the harshest industrial working conditions and delivers industry leading alarm time, changeable alarm levels and event logging as well as user-friendly bump test and calibration solutions.

The IR link enables users to set up calibration levels, alarm set points, and configuration options as well as download logs.



<b>Model</b>	SGT					
	O2	CO	SO2	H2	H2S	NH3
<b>Measuring type</b>	Electrochemical Cell					
<b>Measuring method</b>	Diffusion Type(Option: Sampling Type[Sp-pump 101])					
<b>Measuring range</b>	0~30%Vol	0~500ppm	0~20ppm	0~1000ppm	0~100ppm	0~100ppm
<b>Sensor life time</b>	2 year	> 2 year	> 2 year	> 2 year	> 2 year	> 2 year
<b>Resolution</b>	0.1%VOL	1ppm	0.1ppm	5ppm	1ppm	1ppm
<b>Parameter Control</b>	User Selectable via SGT IR Link and PC Software					
<b>Display</b>	LCD Display (Back-light)					
<b>Alarm display</b>	RED, Flashing LEDs(Light-Emitting Diode)					
<b>Alarm level set</b>	User Selectable via SGT IR Link and PC Software					
<b>Data Log</b>	30 most recent events					
<b>Ingress Protection</b>	IP66/IP67					
<b>Programme set mode</b>	User Selectable via SGT IR Link and PC Software					
<b>Operating temperature</b>	-40°C to +50°C -35°C to +50°C (for O2)					
<b>Operating humidity</b>	5% to 95% RH(Non-condensing)					
<b>Battery</b>	Lithium battery					
<b>Material</b>	Polycarbonate and rubber					
<b>Dimensions</b>	54(W) x 91(H) 32(D)mm					
<b>Weight</b>	93g					
<b>Approval</b>	ATEX II 1G Ex ia IIC T4 Ga I EEx Ex ia IIC T4					
<b>Options</b>	Sampling Pump[SP-Pump101], SENKO IR LINK, Docking Station					
<b>Warranty</b>	2years					