



## Single Gas Detector : SGT(Disposable)



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.



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