



Single Gas Detector : SGT P



SGT-P is a portable single gas detector designed to detect the presence of oxygen, and toxic gases in the ambient environment. SGT-P has a replaceable gas sensor and battery, giving an unlimited lifetime of operation. When activated, SGT-P continuously monitors ambient air for the presence of a specific gas and alerts the user to potentially unsafe exposure with LED, vibrating, and audible alarms in the event that gas concentration exceeds alarm set points. The alarm set point, calibration range, and display configuration can be changed via SENKO-IR Link (Optional).

The SGT P is designed for use in hazardous areas and offers reliable and durable monitoring in a compact, lightweight package. SGT P is available for hydrogen sulphide (H₂S), carbon monoxide (CO), Ammonia (NH₃), Hydrogen (H₂), Sulphur dioxide (SO₂), or oxygen (O₂). SGT is designed to withstand the harshest industrial working conditions and is simple to operate.

Model	SGT P					
	O2	CO	SO2	H2	H2S	NH3
Measuring type	Electrochemical Cell					
Measuring method	Diffusion Type(Option: 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
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					