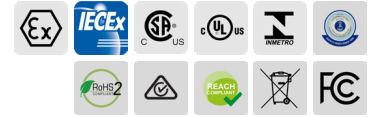


SP-SGT-P

Replaceable Single Gas Detector



DESCRIPTION

SGT-P is a single replaceable gas detector designed to detect oxygen deficiency and the presence of toxic gas in the ambient environment. SGT-P is the replaceable type of gas sensor and battery. 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.

KEY FEATURE

- Sensor and battery replacement available
- Power on / off functionality
- Configuration via exclusive IR Link

SPECIFICATION

Model	SGT-P	
Sensor Type	Electrochemical	
Measuring Type	Diffusion Type	
Case Material	Rubber Enclosure	
Dimension	54 (W) x 91 (H) x 32 (D)mm / 2.13(W) x 3.58(H) x 1.26(D) inch	
Weight	93g / 3.28oz (Toxic), 104g / 3.67oz (O2) *Battery, Clip included	
Operating Temperature	-40°C to +50°C / -40°F to +122°F (for CO, H2S, H2, NH3, and NO2) -35°C to +50°C / -31°F to +122°F (for O2 and SO2)	
Operating Humidity	5% to 95% RH (Non-condensing)	
Operating Life	24 months, Based on 2 minutes of alarm per day	
Event Log	Recent 30 alarms	
IP	IP 67	
Alarm	Visual (Red flashing LEDs and LCD display), Vibrating, Audible (90 dB alarm at 10cm and buzzer)	
Display	Liquid Crystal Display (LCD)	
Battery	Manufacture : Vitzrocell, P/N : SB-AA02 (P), System : Lithium Primary Battery, Nominal Voltage : 3.6V, Nominal capacity : 1.2Ah	
Components	Calibration Cap, Manual, Calibration and Test Certificate	
Certification	ATEX	II 1 G Ex ia IIC T4 Ga
	IECEX	Ex ia IIC T4 Ga
	CSA/UL	Ex ia IIC T4 Ga
		Class I, Zone 0, AEx ia IIC T4 Ga Class I, Division 1, Groups A, B, C, D, T4
	INMETRO	Ex ia IIC T4 Ga
	PESO	Ex ia IIC T4 Ga
etc.	RoHS2, RCM, REACH, WEEE, FCC	

ACCESSORIES



IR Link Communication
Connects to the computer in order to program configuration and download data log



Sampling Pump
(SP-Pump101)



Extension Probe
5m / 10m



SGT-P
Docking Station

SENSOR SPECIFICATION

Gas	Measuring Range	Low Alarm	High Alarm	Resolution
O2	0~30%Vol	19%Vol	23%Vol	0.1%Vol
CO	0~500ppm	30ppm	60ppm	1ppm
H2S	0~100ppm	10ppm	15ppm	0.1ppm
H2	0~1,000ppm	100ppm	500ppm	1ppm
SO2	0~50ppm	2ppm	5ppm	1ppm
NH3	0~100ppm	25ppm	35ppm	1ppm
NO2	0~20ppm	3ppm	5ppm	1ppm
Cl2	0~20ppm	0.5ppm	1ppm	0.1ppm
HCN	0~50ppm	2ppm	5ppm	0.1ppm
PH3	0~5ppm	0.5ppm	1ppm	0.1ppm