

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
- Power on / off available
- 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
Weight	93g (Toxic), 104g (O2) / Battery, Clip included
Operating Temperature	-40°C~+50°C (for CO, H2S, H2, NH3, and NO2) -35°C~+50°C (for O2 and SO2)
Operating Humidity	5%~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	Red Flashing LEDs (Light-Emitting Diode), 90dB audible alarm at a distance of 10cm, Vibration alarm
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
	Ex ia IIC T4 Ga
	CSA/UL 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
O2	0~30%Vol	19%Vol	23%Vol
CO	0~500ppm	30ppm	60ppm
H2S	0~100ppm	10ppm	15ppm
H2	0~1,000ppm	100ppm	500ppm
SO2	0~50ppm	2ppm	5ppm
NH3	0~100ppm	25ppm	35ppm
NO2	0~20ppm	3ppm	5ppm