# **SGT-P** Replaceable Single-Gas Detector





02/ CO/ H2S/ H2/ SO2/ NH3/ NO2

# Description

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

Sensor specification

Measuring range

0~30%Vol

0~500ppm

0~100ppm

0~50ppm

0~100ppm

0~20ppm

0~1000ppm

Configuration via exclusive IR Link

### Specification

Model	SGT-P
Sensor Type	Electrochemical
Measurement	Diffusion type
Display	LCD display
Audible	90dB at 10cm
Warning Lamp	Red Flashing LEDs (Light-Emitting Diode)
Vibration	Vibration Alarm
Battery	Manufacture: Vitzrocell / P/N: SB-AA02(P) / System: Lithium Primary Battery Nominal voltage: 3.6V / Nominal capacity: 1.2Ah
Temperature & Humidity	-40°C ~ +50°C(for Toxic) / -35°C ~ +50°C(for O2) 5% ~ 95% RH (non-condensing)
Case	Rubber Enclosure
Accessories	Calibration Cap, Manual, Test Report
Option	External Sampling Pump (SP-Pump101), SENKO-IR Link, Docking Station
Size & Weight	Size: 54mm(W) x 91mm(H) x 32mm(D) Weight: 93g(Toxic), 104g(O2) (Battery, clip included)
Event Log	Recent 30 alarms
Operating Life	24 months, based on 2 minutes of alarm per day
Approval	ATEX II 1 G Ex ia IIC T4 Ga
	IECEx Ex ia IIC T4 Ga
	INMETRO Ex ia IIC T4 Ga

Low Alarm

19%Vol

30ppm

10ppm

100ppm

2ppm

25ppm

3ppm

#### Accessories

#### IR-Link

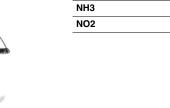
User can change alarm set points and upload firmware updates and download event logs and perform calibration.

Sampling pump (SP-Pump101)



SGT-P Docking Station





Gas

02

со

H2S

H2

SO2

**High Alarm** 

23%Vol

60ppm

15ppm

500ppm

5ppm

35ppm

5ppm