

SGT-P

Replaceable Single-Gas Detector

SENKO



O₂/ 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
- 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 O ₂) 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(O ₂) (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

Accessories

IR-Link

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



Sampling pump (SP-Pump101)



Extension Probe 5M/ 10M



SGT-P Docking Station



Sensor specification

Gas	Measuring range	Low Alarm	High Alarm
O ₂	0~30%Vol	19%Vol	23%Vol
CO	0~500ppm	30ppm	60ppm
H ₂ S	0~100ppm	10ppm	15ppm
H ₂	0~1000ppm	100ppm	500ppm
SO ₂	0~50ppm	2ppm	5ppm
NH ₃	0~100ppm	25ppm	35ppm
NO ₂	0~20ppm	3ppm	5ppm