

The Senko Single Gas Detector SGT

2-Year Maintenance-free Single Gas Detector



SENKO

The most classic detector with a reliable and durable 2 years lifespan and a cost-effective price

The Senko SGT Series is a maintenance-free, disposable single-gas detector that provides up to 2 years of continuous power and no downtime. When you turn on the device and it keeps running - Sensor replacement and battery replacement are not required, but life signal will let you know when it is time to replace your device.

High-Sensitivity sensor in SGT delivers the real-time reading in ppm (0.1ppm resolution for H2S) and high performing alert provides the ultimate protection from gas poisoning. SGT also features a simple menu tree and clear sign of malfunction.

Compatible with IR-Link communication and the Docking Station II, the Senko SGT Series is ideal for workers in hazardous areas who need to stay safe with easy way.

Specification

Model	SGT
Sensor Type	Electrochemical
Gas Type	O2, H2S, CO, NH3, H2, SO2, NO2
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)
Case	Rubber Enclosure
Accessories	Calibration Cap, Manual, Calibration and Quality report
Option	External Sampling Pump (SP-Pump101), SENKO-IR Link, Docking Station
Size & Weight	Size: 54(W) × 91(H) × 32(D)mm Weight: 93g(Toxic), 104g(O2) (Battery, clip included)
Operating Life	24 months, based on 2 minutes of alarm per day
Event Log	Recent 30 alarms
Approval	ATEX II 1 G Ex ia IIC T4 Ga CSA&UL Class 1, Zone 0, ex ia IIC T4 Ga IECEX Ex ia IIC T4 Ga INMETRO Ex ia IIC T4 Ga



Standard Package Contents

- Detector complete with stainless steel alligator clip
- Calibration cap
- User manual
- Calibrate test certification



Accessories

SGT Docking station

Automatic functional Bump & Calibration test up to 4 units. Save your time and gas usage.



SGT
Docking station



IR-Link

IR-Link communication

User can change alarm set points and upload firmware updates and download event logs and perform calibration. For use with SGT series and MGT.





	Low Alarm Level	High Alarm Level	STEL	TWA
O2	19.50%	23.50%	N/A	N/A
CO	20ppm	100ppm	100ppm	20ppm
H2S	5ppm	10ppm	10ppm	5ppm
SO2	2ppm	5ppm	1ppm	0.5ppm
NH3	25ppm	35ppm	35ppm	25ppm
H2	100ppm	500ppm	500ppm	100ppm
NO2	3ppm	5ppm	1ppm	0.5ppm