

Senko SGT - Single Gas Detector

O₂,CO,H₂S,SO₂,NH₃,H₂,CL₂,NO₂

The SGT is a fully-featured single gas detector that offers you unequaled value. The SGT single gas detector is your daily monitor for hazardous environments because of its high reliability and user friendliness. SGT is the most cost effective way to ensure safety. It operates up to two years maintenance free, just turn on the device and it runs continuously — no need for battery charging and replacement of sensors or batteries. That means great reliability and no downtime.

The SGT is easy to wear, the rear of the device has a strong metal clip to secure the monitor to a shirt, belt or helmet. The SGT devices are compatible with Senko Docking Station and Senko IR Link. Both devices provide the function to download the data of the SGT single gas monitor. The 30 most recent events can be stored on a data carrier.

SGT can be calibrated or bump tested manually. The Docking Station will automatically calibrate four devices simultaneously (up to 12 devices per minute), which reduces downtime and gas consumption.



Highlights:

- Lightweight & Compact
- Stores up to 30 events
- Maintenance Free
- 2 years of use
- IP-67
- Fast bump tests with Docking Station
- Visual, Acoustic and Vibration alarms

Single Gas Detector	Part No.	Lifetime
O ₂	SGT-001	2 YEARS
CO	SGT-002	2 YEARS
H ₂ S	SGT-003	2 YEARS
SO ₂	SGT-004	2 YEARS
NH ₃	SGT-005	2 YEARS
H ₂	SGT-006	2 YEARS
CL ₂	SGT-007	2 YEARS
NO ₂	SGT-008	2 YEARS
I/R DATALINK	SGT-IR	N/A
QUAD DOCKING STATION	SGT-QDS	N/A

SPECIFICATIONS

Detectable Gas Ranges: O₂ = 0-30%Vol | CO = 0-500ppm | H₂S = 0-100ppm
 SO₂ = 0-200ppm | NH₃ = 0-100ppm | H₂ = 0-1000ppm
 CL₂ = 0-10ppm | NO₂ = 0-10ppm

Output Specifications: LCD display of current reading with alarm sounder and vibrator

Sensor Technology: Electrochemical Cell

Power Supply: DC 3.6V, 1.2Ah Lithium battery

Operating Life: 24 months, based on 2 minutes of alarm per day

Operating Temperature: -30°C ~ 50°C

Operating Humidity: 5% ~ 95% RH (Non-condensing)

Dimensions: 49mm(W) x 84mm(H) x 40mm(D)

Weight: 93g (Toxic), 104g (O₂) (Battery, clip included)

Alarm: 95dB

Enclosure Material: Polycarbonate and rubber

IP Rating of Enclosure: IP67

Certificates & Approval: ATEX: II 1g Ex ia IIC T4
 CSA: C1,D1, Groups A,B,C,D,T4
 IECEx: Ex ia IIC T4 Ga



This datasheet is non-contractual