

► Senko SGT

2-year disposable gas detector (CO, H₂, H₂S, NH₃, NO₂, SO₂ or O₂)



Technical specifications

Device lifetime: 24 months when switched on

Sensor technology: Electrochemical sensor

Display: Backlight LCD

Alarms: Visual, 90 dBA audible and vibrating

Historic: Last 30 events

Case material: Polycarbonate and rubber

Dimensions: 49 x 84 x 40 mm

Weight: Toxics = 93 grams - Oxygen = 104 grams

Battery technology: DC 3.6V, 1.2Ah Lithium

Operating conditions

- Temperature: -40 to +50°C
- Air humidity: 5% ~ 95% RH (non-condensing)

Protection class: IP67

Certifications:

- **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

► Model selection

Gas	Range	Resolution	Ref.
CO (carbon monoxide)	0 - 5000 ppm	0.1 ppm	SP-SGT-CO
H ₂ (hydrogen)	0 - 1000 ppm	1 ppm	SP-SGT-H ₂
H ₂ S (hydrogen sulphide)	0 - 500 ppm	0.1 ppm	SP-SGT-H ₂ S
NH ₃ (ammonia)	0 - 100 ppm	0.1 ppm	SP-SGT-NH ₃
NO ₂ (nitrogen dioxide)	0 - 20 ppm	0.1 ppm	SP-SGT-NO ₂
SO ₂ (sulphur dioxide)	0 - 20 ppm	0.1 ppm	SP-SGT-SO ₂
O ₂ (oxygen)	0 - 30 %/vol.	0.1 %/vol.	SP-SGT-O ₂

Product description

The **Senko SGT** disposable gas detector continuously measures concentrations of CO, H₂, H₂S, NH₃, NO₂, SO₂ or O₂ reliably and accurately, even under the most difficult conditions. Its robust design, fast response time of the sensor and powerful battery guarantee up to two years of measurement and optimum safety, with no need for corrective maintenance.

Small, lightweight and ergonomically designed, the **Senko SGT** is very easy to use. Once activated, it can be used 24 hours a day, every day, for up to two years, worry-free and without replacing the battery or sensor. Its small size and sturdy crocodile clip allow it to be worn on a belt or directly on the collar of your clothes without any hassle.

The large display shows the concentration of gas clearly. Thanks to the powerful backlighting, all indications are perfectly readable in the dark. The display shows the maximum concentration measured in the given period. You can also access to registered alarms, even if they have already been reset. The remaining lifetime is also indicated.

► Convenient and user-friendly accessories

The **Senko SGT** features a large range of accessories including a 4 slots docking station and an IR Connect programmer. The portable docking station (SGT Docking Station) can simultaneously manage up to 4 detectors. The WDS can adjust alarm thresholds, perform bump tests, calibrate gas detectors and retrieve the last 30 alarm events.



The IR-Link infrared module lets you configure the detector (alarm thresholds) and trace the last 30 alarm events.

► Senko SGT advantages

- Optimum use guaranteed for 2 years
- No battery charging or sensor replacement required
- Small, light and easy to use
- Visual, audible and vibrating alarms
- Recording of last 30 events
- Tight to splashes (IP67)
- ATEX, CSA, UL and INMETRO certified
- Great value / price