



RILEVATORE SGT

- Rilevatore monogas portatile.
- Colore arancione per una rapida identificazione visiva del dispositivo.
- Uso: 2 anni di autonomia senza necessità di sostituire il sensore, nè di effettuare calibrizioni.
- Sei modelli diversi:
 - Monossido di carbonio CO;
 - Anidride solforosa SO₂;
 - Solfuro di idrogeno H₂S;
 - Idrogeno H₂;
 - Ossigeno O₂;
 - Ammoniaca NH₃.
- Schermo LCD di facile lettura.
- Menù integrato per la consultazione di informazioni
- Include un software per la configurazione dei valori del dispositivo e la programmazione degli allarmi.
- Notifica di allerta attraverso luci rosse, vibrazione e suono.
- Certificato ATEX per lavori in ambienti esplosivi
- Possibilità di scaricare i dati degli ultimi 30 allarmi.
- Dispositivo robusto e resistente a polvere e sostanze liquide IP67.

ATEX Ex ia IIC T4Ga, IP67						
#	SGT CO	SGT H ₂ S	SGT O ₂	SGT SO ₂	SGT H ₂	NH ₃
#	801206900002	801206900003	801206900004	801206900005	801206900006	801206900007
#						93 g

RILEVATORE SGT

Modello	SGT					
	O2	CO	SO2	H2	H2S	NH3
Tipo di rilevamento	Cella elettrochimica					
Metodo di rilevamento	A diffusione (Optional: A campionamento [Sp-pump 101])					
Intervallo di misura	0~30%Vol	0~500ppm	0~20ppm	0~1000ppm	0~100ppm	0~100ppm
Vita del sensore	2 anni	> 2 anni	> 2 anni	> 2 anni	> 2 anni	> 2 anni
Risoluzione	0.1%VOL	1ppm	0.1ppm	5ppm	1ppm	1ppm
Controllo dei parametri	Selezionabili attraverso SGT IR Link e software del PC					
Monitor	LCD Display (retroilluminazione)					
Allarmi monitor	RED, LEDs lampeggianti (Diodo a emissione di luce)					
Regolazione livello allarmi	Selezionabili attraverso SGT IR Link e software del PC					
Registro eventi	30 eventi più recenti					
Protezione ingresso	IP66/IP67					
Modo di programmazione	Selezionabili attraverso SGT IR Link e software del PC					
Temperatura di utilizzo	-40°C a +50°C -35°C a +50°C (per O2)					
Umidità	5% a 95% RH(senza condensazione)					
Batteria	Batteria al litio					
Materiale	Policarbonato e Gomma					
Dimensioni	54(W) x 91(H) 32(D)mm					
Peso	93g					
Omologazioni	ATEX II 1G Ex ia IIC T4 Ga I EEx Ex ia IIC T4					
Accessori	Pompa di campionamento[SP-Pump101], SENKO IR LINK, adattatore					
Garanzia	2anni					

Declaración de conformidad EU / EU Declaration of Conformity

Conforme a / In accordance with EN ISO / IEC 17050-1:2010

SGT detector monogas desechable / disposable single gas detector

Descripción: Detector portátil desechable de un solo gas Uso previsto: Monitorización de áreas en las que el Sulfuro de Hidrógeno, el Monóxido de Carbono, el Oxígeno, el Dióxido de Azufre, el Dióxido de Nitrógeno, el Amoníaco o el Hidrógeno puedan suponer un peligro para el entorno de trabajo.

Description: Portable disposable single-gas detector Intended Use: Monitoring of areas where Hydrogen Sulphide, Carbon Monoxide, Oxygen, Sulphur Dioxide, Nitrogen Dioxide, Ammonia, or Hydrogen may pose a hazard to the working environment.

Fabricante / Manufacturer: Senko Co. Limited, 73, Oesammi-ro, 15 beon-gil, Osan-si, Gyeonggi-do, 18111, South Korea

Representante / Trading Company: 3Bz Limited trading as Senko Europe, Jarrow Business Centre Viking Industrial Park Jarrow Tyne and Wear NE32 3DT United Kingdom

Por la presente declaramos que el producto identificado arriba cumple con los requisitos de las siguientes Directivas de la UE y, por lo tanto, puede ser objeto de libre circulación en los mercados que comprenden la Unión Europea (UE) y el Espacio Económico Europeo (EEE). Esta declaración se emite bajo la exclusiva responsabilidad del fabricante.

We hereby declare that the product identified above meets the requirements of the following EU Directives and therefore qualifies for free movement within markets comprising the European Union (EU) and the European Economic Area (EEA). This declaration is issued under the sole responsibility of the manufacturer.


ATEX Directiva / Directive 2014/34/EU - ATEX Hazardous

Organismo Notificado / Notified Body: K R Hellas Ltd. 451, Athinas Ava Vouliagmeni, GR-16671, Athens, Greece

Número de Organismo Notificado / Notified Body Number: 2198

Número de Certificado CE / EC Certificate Number: KRH 16ATEX1048

Conforme a / Conforms to: EN 60079-0:2012 + A11 2013
EN 60079-11:2012

Homologación / Type Approval:  II 1 G Ex ia IIC T4 Ga

EMC Directiva / Directive 2014/30/EU

Conforme a / Conforms to: EN 61000-6-4 : 2007 / A1 : 2011
EN 61000-6-2 : 2005 / AC : 2005

Testado por / Tested by: DT & C Co Ltd.

Número de informe / Report number: DRECEE1701-0054

Firma / Signature:




Rin Choi
Director



13th February 2020 www.senko.co.kr

SGT

Disposable Single-Gas Detector

SENKO



O2/ CO/ H2S/ H2/ SO2/ NH3/ NO2

Description

SGT is a single disposable detector. (SGT-P is replaceable) It operates continuously for two years even without the replacement of the battery or gas sensor in order to protect workers from oxygen deficiency or toxic gases. It measures a gas continuously and displays its concentration and raises an alarm when a risk occurs.

Key Feature

- Disposable type(no sensor or battery change)
- Operates continuously for two years
- Excellent water / dust proof structure
- Automatic checking of the sensor trouble
- High performance audible and vibrating alarm
- Automatic logging of 30EA events
- Easy configuration and data management through IR Link
- Easy calibration through Docking Station



Specification

Model	SGT
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, 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 Class 1, Zone 0, 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 Docking Station



Sensor specification

Gas	Measuring range	Low Alarm	High Alarm
O2	0~30%Vol	15%Vol	20%Vol
CO	0~500ppm	30ppm	60ppm
H2S	0~100ppm	10ppm	15ppm
H2	0~1000ppm	100ppm	600ppm
SO2	0~50ppm	2ppm	5ppm
NH3	0~100ppm	20ppm	65ppm
NO2	0~20ppm	2ppm	5ppm