Gas Detection (Aust) Pty Ltd

ABN 74 124 402 231
PO BOX 597, Darling Heights, Qld 4350.
Ph: +61 7 4613 5111, Email: sales@gasdetect.com.au

SENKO SGT-P | Portable Single Gas Detector

A low cost disposable sensor with an additional hibernate mode, guaranteed 2 years operating life with no recharging or calibration required.

IECEx APPROVED

The detector uses natural diffusion into electrochemical sensors with it's state of the art electronics and software to give reliable and repeatable readings. The casing is a rubber based special high strength material givinig it an IP67 rating making it anti-slip, completely dust proof and water proof up to 1 meter. The sensor has inbuilt data logging which will timestamp the gas level readings and alarms. This data can be downloaded to a PC using the SGT IR Link for analysis. The gas detector can be operated continuously for two years without replacement and then can be safely disposed of.

- **IEC Ex approved**
- Large LCD display of alarms and current concentration
- Self testing and can be calibrated without opening. No hot work required
- Two alarm relays which are user settable with volt free contacts
- One fault relay with volt free contacts
- Low voltage alert, real time clock display
- Self zero gas adjustment function

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- Clearable Max and Min gas concentration recorded
- Adjustable alarm levels using the SGT IR Link
- Lifetime remaining displayed in months
- Data uploading of concentration and alarms (see implementation section)

Fully Technically Supported by Gas Detection Australia

[block]sgt_video[/block]

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Specifications

Output Specifications	LCD display of current reading with alarm sounder and vibrator
Power Consumption	DC3.6V, 1.2Ah Lithium battery
Operating Life	24 months, based on 2 minutes of alarm per day
Operating Temperature	-40℃ ~ +50℃
Operating Humidity	5% ~ 95% RH (Non-condensing)
Dimensions	54mm(W) x 91mm(H) x 32mm(D)
Weight	93g (Battery, clip included)
Enclosure Material	Rubber
Approval	Ex ia IIC T4 Ga/ IP67 (Korea Ex, IECEx, ATEX, CSA & UL, INMETRO)
Enclosure Rating	IP67 - Dust-tight and Waterproof up to 1 meter
Calibration Requirement	For Oxygen version fresh air calibration required every 30 days in a fresh air environment.
Warranty	24 months from date of dispatch

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Implementation

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