

SGT-P

Portable Single Gas Detector



Portable. Reliable. Life-saving.

The **SGT-P** delivers real-time readings in ppm and instant alerts to keep you safe in hazardous environments.

Designed for simplicity, this single gas detector includes a replaceable sensor and battery with a clear battery life indicator. Its intuitive menu and malfunction alerts ensure seamless operation.

Features

- Available for NH₃ and O₂
- Replaceable sensor
- Battery with 2 years life-span
- High-Sensitivity sensor with real-time reading in ppm



SIMPLY RELIABLE REFRIGERANT GAS DETECTORS

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Applications

NH₃

- Machinery rooms
- Ice rinks
- Food processing
- Fertilizer industry

O₂

- Food processing
- Cryo Banks
- Labs



Accessories

SGT-P Docking Station

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

IR-Link Communication

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

Article No.	Model	Details	PG
SGT-P Single Gas Detector			
5000-0001	Portable Gas Detector O ₂	O ₂	C
5000-0005	Portable Gas Detector NH ₃	NH ₃	C

SGT-P Single Gas Detector TECHNICAL DATA



Specifications

Model	SGT-P
Sensor Type	Electrochemical
Gas Type	O ₂ , NH ₃
Display	LCD
Alarm	LED flashing, sound, vibration
Audible	90 dB at 10 cm
IP	IP67
Battery	Manufacture: Vitzrocell P/N: SB-AA02(P) / System: Lithium Primary Battery Nominal voltage: 3.6 V / Nominal Capacity: 1.2 Ah
Temperature	-40°C ~ +50°C (for toxic) / -35°C ~ +50°C (for O ₂)
Humidity	5% ~ 95% RH (Non-Condensing)
Case	Rubber Enclosure
Size & Weight	54(W) x 91 (H) x 32(D) mm. 93 g (Toxic), 104 g (O ₂) (Battery, clip included)
Battery Life	24 months, based on 2 minutes of alarm per day
Sensor Life-Time	> 2 years
Sensor Range O ₂	0 - 30 %Vol
Sensor Range NH ₃	0 - 100 ppm
Warranty	2 years
Event Log	Recent 30 alarms
Approval	ATEX II 1 G Ex ia IIC T4 Ga IECEx Ex ia IIC T4 Ga INMETRO Ex ia IIC T4 Ga
Calibration Interval	Every six months

Standard Package Contents

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

Remember to calibrate regularly

Portable gas detectors must be calibrated every **six months** to ensure optimal performance and safety.

For detailed procedures and pricing, please contact your authorized distributor.



For more information see www.samon.com