

SP Secure Portable Gas Leak Detector

SP secure is a portable gas leak detector designed for operators to detect the presence of **LPG/LNG** including **methane & combustible gases**, near any gas pipes and valves.

The instrument features a **built in sampling pump** for on - site gas leak detection. Take near any pipe/valve & the instrument will provide a value on the LCD display of the gas concentration & an alarm in case of gas leakage

Instrument is also available for **H₂ & Xylene** gas leak detection options.

Model	SP Secure		
Detecting Gas	LNG, LPG	Hydrogen(H ₂)	Xylene
Sampling Method	Internal Sampling Pump, flow rate 0.5 liter/min.		
Sensor Type	Catalytic	Catalytic	Electrochemical
Detecting Range	0~100%LEL	0~100%LEL	0~1000ppm
Response Time(T₉₀)	<10 sec/90% scale	<10 sec/90% scale	<75 sec/90% scale
Resolution	1%LEL	1%LEL	Within 5 ppm
Accuracy	+/- 3% full scale		
Display	Digital LCD with backlight (Alarm, Buzzer, Pump On-Off, Battery)		
Alarm	Buzzer alarm & LCD Display, Alarm set programmable		
Gas Concentration Display	1~100% LEL- numerical display, 0~1% LEL-digital bar	0~1,000 ppm - numerical display, 0~20 ppm - digital bar	1~100% LEL- numerical display, 0~1% LEL-digital bar
Explosion Proof	Ex d ia IIB T3		
Operating Temperature	- 20°C ~ +50°C		
Power	Rechargeable AA Alkaline battery 3nos, included with charger		
Continuous Operation	More than 12 hours		
Size / Weight	WHD 55mm x 241mm x 33 mm / 260g		
Standard Accessories	Protect Cover, Adapter for charge		
Part No.	SSC000110	SSC000210	SSC000310



Applications :

- Methane Gas leak detection near pipes
- LPG Gas Leak detection
- Propane Gas Leak detection
- LNG Gas Leak detection
- Xylene industrial Gas Leak Detection

Alarm Modes :

Alarm	Standard for Alarm	LCD Display	Alarm Sound
1 st Alarm	When exceeding the value set for 1 st Alarm	Warning! and indicates LO	
2 nd Alarm	When exceeding the value set for 2 nd Alarm	Warning! and indicates HI	
Low	One level only left unused	Blinking Battery	
Dead	Exhausted	Blinking Battery	
Test Failure	Failure of sensor test Failure of calibration	Displays Icon	

Alarm Feature



Audio