Schützen
MGT
Multi-Gas detector

Multi-Gas Detection.

The Schützen Multi-Gas Detector is the ideal solution for personal Multi gas detection. It can detect up to 4 different gases; Oxygen, Carbon monoxide, Hydrogen sulfide, and Combustible gases (CH4).

The device is light weight and compact with an ergonomic design, making it an ideal personal detection device. The Schützen Multi-Gas portable gas detector is a maintainable device with replaceable batteries, reducing monitor downtime and environmentally friendly. Thus delivering an unlimited operational lifetime.

Live Gas Readings and Easy Interface.

With its one-button operation, adjustable alarm settings and an easy-to-read display the Schützen Multi-Gas Detector is simple to use. Users can toggle between modes and different readings with one button, and by using the default settings from the factory there is no need to set up or program the monitor.

Why choose Multi-gas detection devices?

More often than not, potentially hazardous environments do not have just one dangerous gas present. The most common hazardous gases encountered in a confined space include Carbon monoxide and Hydrogen sulfide, as well as various toxic VOC gases.
Since many toxic VOC gases are flammable, they are measured using %LEL where 100% LEL signifies a fully ignitable concentration of gas.

However, it is also not very practical to carry a separate detector for each different gas; if there are 4 different gases, that would mean carrying 4 gas detectors at a time!

In such cases, a multi-gas detector is the solution to having a hassle-free experience while also protecting ourselves.

The Schützen Multi-Gas Detector covers detection of all the above gases as well as oxygen. Oxygen deficiencies made up the highest percentage of fatalities in hazardous environments and can be caused by the displacement of oxygen due to presence of other toxic gases in the atmosphere.

Schützen
Multi-Gas Detector

2 Version:
P-Type
(Standard 4-gas, catalytic can detects Hydrogen)

N- Type
(NDIR sensor, battery last longer and can do inert environment, disadvantage: cannot detects Hydrogen)

24 months warranty

Long life sensor technology

Detects Multiple gases:
- **O2**
- **CO**
- **H2S**
- **CH4**

Applications

- Agriculture
- Aviation
- Chemical Plants
- Construction
- Electrical Utilities
- Fire Service
- Food and Beverage Service
- Gas Utilities
- Marine/ Ocean going vessels
- Pharmaceutical
- Power Plants
- Public Works
- Oil & Gas/ Offshore operations
- Water Treatment

CALIBRATION /
CERTIFICATION STATION

Other Accessories

| EXTERNAL PUMP | EXTENSION PROBE | IR LINK | VEHICLE POWER ADAPTOR | 7CH MULTI ADAPTOR | MULTI CRADLE |

Schützen
Multi-Gas Detector

Specifications & Ordering Information

PART NO	PRODUCT
Schützen Gas Monitor	
MGTP00110	Schützen Multi Gas Detector O2/CO/H2S/LEL (P-Type)
MGTP00210	Schützen Multi Gas Detector O2/CO/H2S/LEL (N-Type)
Schützen Gas Test Station	
MGT-S-V1.2	Schützen Calibration & Certification Station
Schützen Accessories	
2NDAS0001	Schützen Sampling Pump
2NDAS0002	Schützen Extension Probe 10M
SGTAS0002	Schützen IR Connect withmgt USB cable
GAZ-O2-01	Test Gas Cylinder
GAZ-REG715	Regulator 2AL/6D
GAZ-SGTTUB	10-ft. Clear Tubing

Monitor Specification				
Physical characteristics				
Size	Size:61mm(W)x114mm(H)x42mm(D)			
Weight	240g			
Operation	One-button			
Carrying attachments	Stainless steel alligator clip			
Case material	Shock resistant polycarbonate rubber enclosure			
Environmental protection	IP 67 (third party certified)			
Display	Digital LCD display, LCD Backlight, LED Indicator			
Display info	Live Reading, remaining battery life			
Monitoring				
Sensor ranges	CO: 1-500 ppm, H2S: 1-100 ppm, O2: 1.0-30.0% Volume			
Resolution	CO: ppm, H2S: ppm, O2: %Vol			
Power				
Power source	Rechargeable Li-ion power supply unit			
Battery life indication	Yes			
Battery	P-Type: 25 hours N Type: 60 days (Charging time: 4-6hrs)			
Alarms				
Visual alarm	Yes – red led			
Audible alarm	Yes – 90db			
Vibrating alarm	Yes			
	GAS	**Measuring range**	**Low Alarm**	**High Alarm**
Alarm set points	O2	0~30%Vol	19%Vol	23%Vol
	CO	0~500ppm	30ppm	60ppm
	H2S	0~100ppm	10ppm	30ppm
	CH4	0~100%LEL	10%LEL	30%LEL
Data storage				
Data logging	Logs last 30 events			
Data retention	Yes – IR Link to PC			
Data transmission	Infrared			
Certifications/Approvals				
Explosive atmospheres	**CSA** Class 1, Zone 0, ex ia IIC T4 Ga, **IECEx** Ex ia IIC T4 Ga, **ATEX** II 1 G Ex ia IIC T4 Ga			
Approved temperature ranges	-20ºC ~ +50ºC			
Environment	5%~95%RH(non-condensing)			

Authorised Distributor