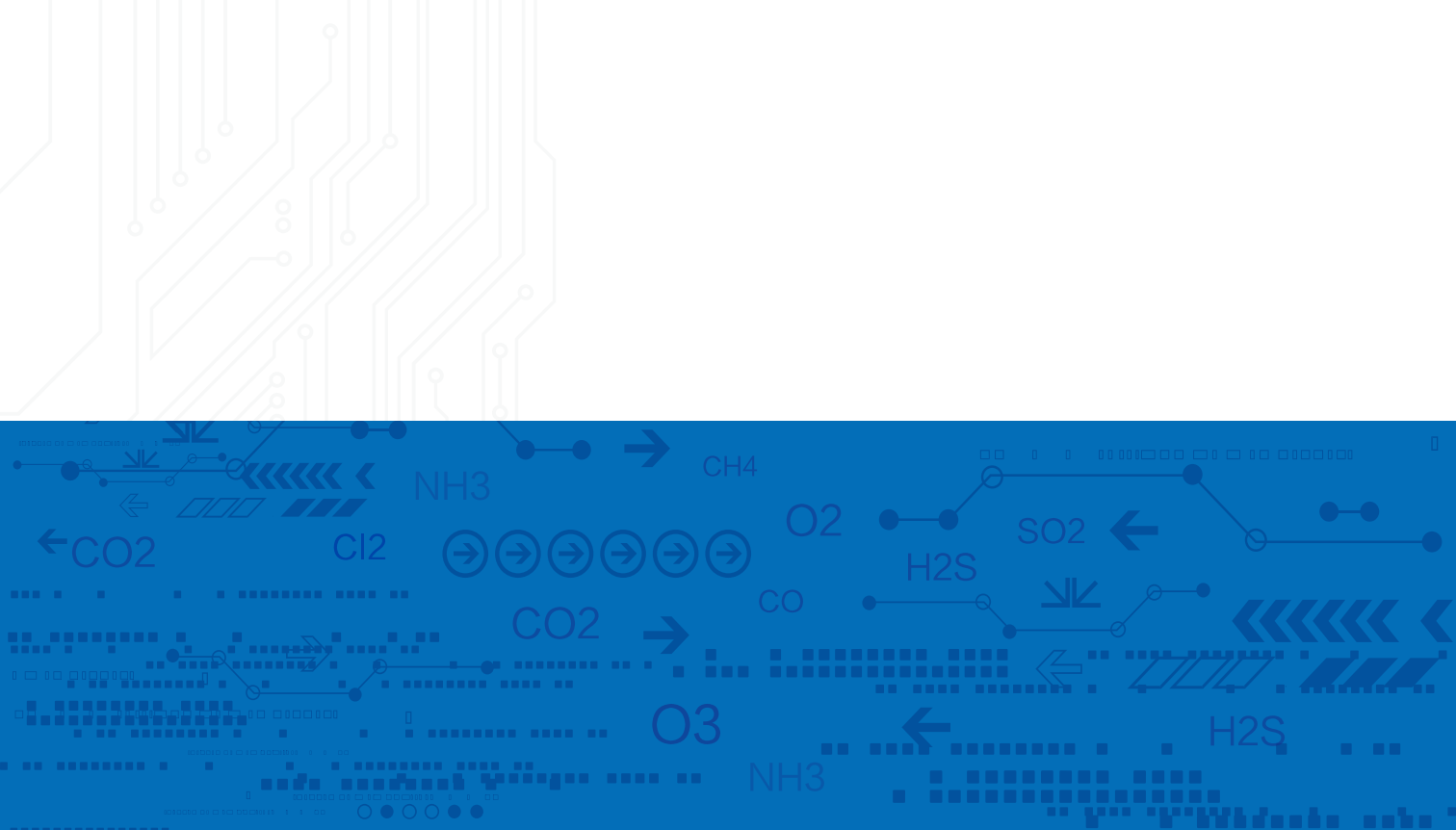




SKY3000-WH-SP

SKY3000-WH-SP

Portable Gas Detector c/w Case and Accessories – PPM/ LEL/VOL% Gas by SAFEGAS

Designed for the gas industry, the SKY3000-WH-SP are multi-application instruments, satisfying all the needs of service technicians within a single unit. With different modes of operation and internal pump, the SKY3000-WH-SP is the most versatile instrument available for working with gas.

The SKY3000-WH-SP series offers technicians and workers a single instrument that can be used throughout the gas distribution and transmission pipelines for all measurements needed for leak testing, and confined space entry. Bright LED alarm lights illuminate as gas levels increase, and audible alarms are activated at preset levels should they be programmed.

The explosion-proof Grade of the SKY3000-WH series is IECx and ATEX certificated with Ex ia IIC T4 Ga, which is applicable to the explosive gas mixture zone 0, zone 1, and zone 2 of the factory with grades II A , II B , and II C and temperature group T1~ T4.

Specialized in Gas Detection For 16 Years

Product advantage

- Optional measures up to 4 gases,(O₂, CH₄, CO, H₂S) simultaneously with audible visual alarms, datalogging, and min/max values.
- Gas leak detection measures methane in three different distinct ranges (ppm / LEL / %Volume). Autoranging between all three ranges, audible, visual, and gieger alarms, and ergonomic design allows for easy one handed operation.
- With flexible probe for testing underground leaks, measures gas beginning in the LEL range and autoranges to % Volume. Barhole probe included with instrument.
- Rugged polycarbonate case, sealed to IP67
- One press to restore factory settings
- Large graphical display can rotate 180°
- Support backlight function the backlight time can be manually set
- Low power consumption, long stand by time
- Support firmware upgrade remotely



Technical parameters

Portable Gas Detector

Gas Detected:	O2、CO、H2S、CH4 is the standard gas combine, other combine can be specified
Detection Principle:	CH4: Semiconductor(0-10000ppm), IR(1%VOL-100%VOL), CO/O2/H2S: Electrochemical
Measure range:	CH4: 0-10000ppm/20-100%LEL/5-100%VOL(Auto-changeable), CO: 0-1000ppm, O2: 0-25%VOL, H2S: 0-200ppm
Resolution:	EX: 1ppm/0.1%LEL/0.1%VOL(Auto-changeable), CO: 1ppm, O2: 0.1%VOL, H2S: 0.1ppm
Response time:	≤30 seconds
Precision:	≤ ± 1-5%F.S except for special gases
Language:	Chinese/English/Polish(More language can be customized)
Automatically test and calibrate after power-on:	Including reset, maximum value (MAX), minimum value (MIN), STEL, TWA value
Unit:	PPM, mg/m3, %LEL, %VOL
Display:	LCD (160 x96) ,180° rotate
Backlight:	Turned on automatically when alarming, the backlight time can be manually set
Data record:	100,000 readings, the storage interval is adjustable from 5 to 3600 seconds, data can be exported to PC no need software
Alarm:	95dB@30cm buzzer alarm, flashing red LED alarm and vibration alarm. Alarm status indication on the screen, alarm latched; diagnostic alarm and battery under-voltage alarm, pump failure alarm; man down alarm
Battery:	3.7V rechargeable lithium battery, battery capacity 2200mA
Working hours:	More than 15 hours in continuous pumping mode
Charger:	Travel charger with DC interface, charging time ≥ 4 hours
Working temperature:	-20℃~+50℃
Explosion-proof grade:	IECEX: Ex ia IIC T4 Ga ATEX:  II 1G Ex ia IIC T4 Ga
Humidity:	10~90%RH (no condensation)
Certification (EU regulations):	2004/34/UE (ATEX)
Protection grade:	IP67
Working Pressure:	86~106Kpa
Size:	157*84.5*59.5mm (including back clip/water trap filter) (length * width * height)
Weight:	365g (including battery, belt clip and filter)

Product configuration

Standard accessories :

- Gas detector 1 piece
- 12V/1A DC power adapter 1 piece USB cable 1 piece
- User manual 1 piece
- Warranty card 1 piece
- Flexible probe 1 piece
- Aluminum suitcase 1 piece



SKY3000-SP Series Sensor Specifications(Optional)

Detected gas	Range	Resolution
Oxygen (O2)	0-25%/0-30%VOL	0.1%VOL
Carbon monoxide (CO)	0-1000/0-2000ppm	1ppm
Hydrogen sulfide (H2S)	0-100ppm	1ppm
Methane (CH4)	0-10,000ppm	1ppm
Methane (CH4)	0-100% LEL	1%LEL
Methane (CH4)	0-100% Volume	1%Vol

Application



▲ Gas pipeline inspection



▲ Municipal Engineering & Utilities



▲ Oil and gas company pipelines



▲ Electronic



▲ Fuel supply inspection



▲ Other Industries