

SKY3000-SP GAS DETECTOR

Product Model: SKY3000-SP

The SKY3000-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.

Designed for the gas industry, the SK Y3000-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-SP is the most versatile instrument available for working with gas.



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). Auto ranging between all three ranges, audible, visual, and gieger alarms, and ergonomical 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

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

Specification

Gas Detected	O2、CO、H2S、CH4 is the standard gas combine, other combine can be specified.
Detection Principle	Electrochemical (O2, CO, H2S), Catalytic combustion (LEL)
Measure range	CO: 0-1000ppm, H2S: 0-100ppm, O2: 0-30%VOL, CH4: 0-10000ppm, 0-100%LEL, 0-100%VOL
Resolution	Specified according to application.
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/m ³ , %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 P C no need software.
Alarm	95dB@30cm buzzer alarm, flashing red LED alarm and vibration al arm. 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.
Explosion-proof grade	IECEX/ATEX (II IG Ex ia IIC T4 CNEX: Ex ia IIC T4 Ga
Certification (EU regulations)	2004/108/EC (EMC) 2004/34/UE (ATEX) (ATEX) CE
Protection grade	IP67
Working temperature	-20°C~+50°C
Humidity	10~90%RH (no condensation)
Environmental 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)

