

Portable Pumping Gas Detector



SKY3000

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Product overview


SKY3000 is a IECEx/ATEX/EMC certified portable multi gas detector. It is suction type with built-in pump to detect up to 6 gas types in 1 device. The standard gas type is multi 4 (CO H2S O2 LEL) gases. There are thousands of gas types for selection to support very wide applications. It's with wireless communication so user can access to real-time data and alarm status remotely. The standard datalog function to export data to PC and no need software.

Product Advantage

- IP67 water & dust resistant and 3 meter drop resistant case, rugged and durable designs.
- Standard man down alarm function
- Real time value, TWA, STEL, MAX, MIN multiple numerical display
- One press to restore factory settings.
- Large graphical display can rotate 180°
- Standard water trap filter to protect the sensor
- With docking station to perform daily bump test and calibration (Optional)
- Wireless data transmission including Lora, Bluetooth (Optional)
- Support backlight function the backlight time can be manually set
- Low power consumption, long stand by time
- Support firmware upgrade remotely



Technical parameters

Gas Detected:	To be specified
Detection Principle:	To be specified
Measure range:	Specified according to application.
Resolution:	Specified according to application.
Response time:	≤20 seconds
Precisiion:	≤ ± 1-5%F.S except for special gases
Language:	Chinese/English/Russian/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
Disaply:	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
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)