SINGLE GAS DETECTOR

E1000 PORTABLE SINGLE-GAS DETECTOR CO2 & NH3

FEATURES

- Interchangeable smart sensor module
- Intrinsically safe
- Visual, audible and vibration alarm
- Adjustable alarm levels and span callibration value
- STEL and TWA alarm for toxic gases
- Password management
- Real-time clock
- Self-test after power on
- Self-diagnostic and self-correction function

APPLICATION

Steelworks, petrochemical plant, oil industry, shipbuilding yard, sewage treatment plant, mine, power supply, confined spaces etc.

E1000 is a rechargeable single-gas detector and is suitable for monitoring the gas concentration of flammable gas, O2 and toxic gases in the environment. It measures a gas continuously and displays its concentration and raises an alarm when a risk occurs. By adopting smart sensor module, it's easy for replacement and maintenance by the user themself.

SINGLE-GAS DETECTOR

ENQUIRE TODAY

APPEARANCE

1. Alarm light
2. LCD Screen
3. Buzzer port
4. Sensor port
5. Button
6. Buckle

SPECIFICATION

Note: For detecting other gases, please refer to our gas list.
Detection: CO2: 0-5000ppm & NH3: 0-100ppm

Measuring gas	O2	CO	H2S	Combustible	Working Temperature	Toxic gases: -20ºC~50ºC
Measuring range	0-25% VOL	0-500ppm	0-100ppm	0-100%LEL		Combustible: -40ºC~70ºC
Sensor type	Electrochemical			Catalytic	Working humidity	<95%RH (no condensation)
Measuring time	Diffuse naturally				Housing	Rubber enclosure
Response time	T_{90} <30s				Standard accessories	Operation Manual, calibration cap, charger, screwdriver
Display	LCD screen					
Audible	≥80db at 1m				Optional function	Data upload through USB cable
Alarm method	Visual, audible and vibration signals				Dimensions & weight	108mm*61mm*36mm
Battery	DC3.7V 1800mAh Lithium battery				Ingress protection	About 190g
Operating life	≥8h per charge (Charging time: 4-6h)				Ex grade	Ex ib IIC T4
Event log	2000 events				Ingress protection	IP66

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