

SINGLE GAS DETECTOR

EST-E-1000 Portable Single Gas Detector

FEATURES

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

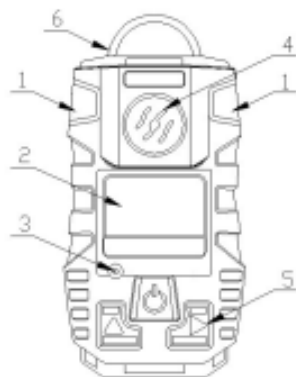
APPLICATION

Steelworks, petrochemical plant, oil industry, shipbuilding yard, sewage treatment plant, mine, power supply works 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 himself.

APPEARANCE



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

SPECIFICATIONS Note: For detecting other gases, please refer to our gas list.

Measuring gas	O ₂	CO	H ₂ S	Combustible	Event log	10000 events
Measuring range	0-25%VOL	0-500ppm	0-100ppm	0-100%LEL	Working temperature	Toxic gases: -20°C -50°C Combustible: -40°C -70°C
Sensor type	Electrochemical			Catalytic	Working humidity	<95%RH (no condensation)
Measuring type	Diffuse naturally				Housing	Rubber enclosure
Response time	T90<30s				Standard accessories	Operation manual, calibration cap, charger, screwdriver
Display	LCD screen				Optional function	Data upload through USB cable
Audible	≥85dB at 1m				Dimension	108mm*61mm*36mm
Alarm method	Visual, audible and vibrative signals				Weight	About 190g
Battery	DC3.7V 1800mAh Lithium battery				Ex grade	Ex ib IIC T4
Operating life	Toxic gases: ≥300h per charge Combustible: ≥8h per charge				Ingress protection	IP66
Charging time	4-6h					