

## Multi Gas Detector

[www.hwsensor.com](http://www.hwsensor.com)

### E4000 Portable Multi-gas Detector

E4000 is a united gas detector measuring maximum **four (4)** gases, to protect the disasters caused by the O<sub>2</sub> deficiency, toxic gas poisoning and combustible gas explosion. It measures continuously maximum four gases of combustible gas, O<sub>2</sub> and toxic gases, and displays their concentrations. Once the risk occurs, it also raises the alarm (visual, audible and vibrative). By adopting interchangeable smart sensor module, it can be made for detecting 2 gases, 3 gases and 4 gases.

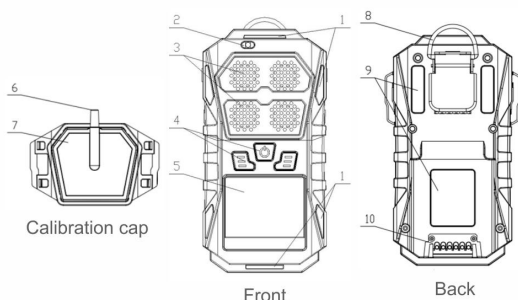
### FEATURES

- Interchangeable smart sensor module
- Intrinsically safe
- MOS, catalytic, electrochemical, infrared, PID sensors selectable
- Built-in sampling pump (optional)
- 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
- GPS, GPRS and man down function (optional)

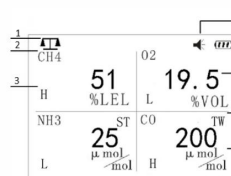
### APPLICATION

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

### APPEARANCE



No.	Name
1	Alarm light
2	Buzzer
3	Sensor
4	Button
5	LCD screen
6	Ventage
7	Calibration cap
8	Alligator
9	Label
10	Charging terminal



No.	Function
1	Calibration indication
2	Gas name
3	High/Low alarm
4	Sound
5	Battery voltage
6	Gas concentration
7	TWA(STEL)alarm
8	Gas unit

### SPECIFICATIONS

Measuring gas	O <sub>2</sub>	CO	H <sub>2</sub> S	Combustible
Measuring range	0-25%VOL	0-500ppm	0-100ppm	0-100%LEL
Sensor type	Electrochemical			Catalytic
Measuring type	Diffuse naturally (pump sampling if pump is selected)			Toxic gases: -20°C ~ 50°C Combustible: -40°C ~ 70°C
Response time	T <sub>90</sub> < 30s			Working temperature
Display	LCD screen			Housing
Audible	≥85dB at 1m			Rubber enclosure
Alarm method	Visual, audible and vibrative signals			Standard accessories
Power supply	DC3.7V 2200mAh Lithium battery			Operation manual, calibration cap, charger, screwdriver, USB cable
Operating life	8 to 300h (depends on the gas integration)			Dimension
Event log	100,000 events			147×76×37mm
Humidity	<95%RH (no condensation)			Weight
				about 350g
				Ingress protection IP
				IP66
				Ex grade
				Ex ia IIC T4 Gb

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

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