SS CONTROLS

PORTABLE GAS DETECTOR

E1000 SINGLE GAS DETECTOR

E1000 is a rechargeable single gas detector suitable for monitoring gas concentration of flammable gases, O2 and toxic gases in the environment. It measures gas continuously, displaying concentration and sounding an alarm when risk occurs.

FEATURES- Interchangeable smart sensor, Intrinsically safe, Visual, audible and vibration 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.

APPLICATIONS- Petroleum, oil & gas, power plants, chemical industry, metallurgy, mining, production, drilling, refinery, sewage treatment, labs, confined spaces, underground pipelines & tunnels.

SELECTION OF GASES

Hydrogen Gas, Carbon Monoxide, Oxygen, Hydrogen Sulphide, Ammonia Gas, Chlorine Gas, Carbon Dioxide, Nitric Oxide, Nitrogen Dioxide, Phosphine Gas, Sulphur Dioxide, Hydrogen Fluoride, Hydrogen Chloride, Hydrogen Cyanide, Ethylene Oxide, VOCs, LPG Gas & Other Flammable Gases.

SPECIFICATIONS

Measuring gas	O2	CO	H2S	Combustible
Measuring range	0-25%VOL	0-500ppm	0-100ppm	0-100%LEL
Sensor type	Electrochemical	Electrochemical	Electrochemical	Catalytic
Measuring type	Diffuse naturally			
Response time	T90<30s			
Display	LCD screen			
Audible	≥85dB at 1m			
Alarm method	Visual, audible and vibrative signals			
Battery	DC3.7V 1800mAh Lithium battery			
Charging time	4-6h			
Operating life	Toxic gases: ≥300h per charge Combustible: ≥8h per charge			
Event log	10000 events			
Working temperature	Toxic gases: -20℃~50℃ Combustible: -40℃~70℃			
Working humidity	<95%RH (no condensation)			
Housing	Rubber enclosure			
Standard accessories	Operation manual, calibration cap, charger, screwdriver			
Optional function	Data upload through USB cable			
Dimension & weight	108×61×36mm, about 190g			
Ex grade	Ex ib IIC T4			
Ingress protection	IP66			

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The Safety Of Things