

SS CONTROLS PORTABLE GAS DETECTOR

E4000 MULTI-GAS DETECTOR

E4000 is multi-gas detector measuring 4 major gases, which major causes of industrial accidents. It assists to avert disasters caused by O2 deficiency, toxic gas poisoning and combustible gas explosions. It measures continuously four gases O2, CO, H2S and combustible gas (CH4), while displaying their concentrations. Once the risk occurs, it raises an alarm. 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 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, GPS, GPRS and man down function (optional).

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 (pump sampling if pump is selected)			
Response time	T90<30s			
Display	LCD screen			
Audible	≥85dB at 1m			
Alarm method	Visual, audible and vibrative signals			
Battery	DC3.7V 2200mAh Lithium battery			
Operating life	8 to 300h (depends on the gas integration)			
Event log	100,000 events			
Working temperature	Toxic gases: -20°C~50°C Combustible: -40°C~70°C			
Working humidity	<95%RH (no condensation)			
Housing	Rubber enclosure			
Standard accessories	Operation manual, calibration cap, charger, screwdriver, USB cable			
Dimension & weight	147×76×37mm, about 350g			
Ex grade	Ex ia IIC T4 Gb			
Ingress protection	IP66			

Plot 17973 Hamtsukunu Rd, Gaborone West Industrial

SS Controls Botswana

sscontrols_bw

info@sscontrols.co.bw

+267 311 1937/ 7370 3030



**SS CONTROLS
BOTSWANA**
The Safety Of Things