SS CONTROLS

PORTABLE GAS DETECTOR

E6000 is a multi-gas detector up to measure the concentrations of 6 gases simultaneously. It adopts interchangeable smart sensor modules, easy to replace the sensors and maintenance. It can combine various gases: O2, toxic gases, combustible gases., convenient for the workers to monitor the gas environment in working site. Send alarms when exceeding gas concentration is detected, protesting the workers from danger caused by O2 deficiency, toxicity and explosion.

FEATURES- Interchangeable smart sensor module, Intrinsically safe, Built-in sampling pump (optional), Visual, audible and vibration alarm, Adjustable alarm levels and span calibration values, Password management, Self-test after power on, Self-diagnostic and self-correction function, Real-time clock.

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	flammable gas, toxic gas, O2
Measuring range	Please refer to our gas list
Sensor type	Catalytic sensor, electrochemical sensor, NDIR sensor, PID sensor
Sensor life	Catalytic sensor: 3 years Electrochemical: 2 years (1 year for O2 sensor) NDIR sensor: 5 years PID sensor: 0.6 to 1 year
Measuring type	Diffusion naturally or pump sampling
Response type	Catalytic sensor: T90≤30s Electrochemical: T90≤60s NDIR sensor: T90≤10s PID sensor: T90≤10s
Alarm method	Visual, audible and vibration signals
Audible	≥80dB @ 1m
Battery	DC3.6V 6600mAh Lithium-ion battery
Event log	100,000 events
Working temperature	Toxic gases, O2: -20~50 Combustible gases:-40~70
Humidity	<95%R.H.(no dews)
Standard accessories	Operation manual, calibration cap, charger, USB cable, software, suitcase
Housing	Rubber enclosure
Dimension	168mm*91mm*45mm
Weight	About 500g
Ingress protection	IP67
Ex grade	Ex d ib IIC T4 Gb / Ex ib D21 T4

SS CONTROLS BOTSWANA
The Safety Of Things