

SS CONTROLS PORTABLE GAS DETECTOR

BX616 MULTI-GAS DETECTOR

BX616 is a 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. The BX616 measures continuously four gases O₂, CO, H₂S and combustible gas (CH₄), while displaying their concentrations.

FEATURES- Small size and light-weight, Simple 1 button operation, Adjustable alarm levels and calibration value, STEL and TWA alarm for toxic gases, Self-protection for combustible gas risks, Battery low voltage alert, 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	O ₂	CO	H ₂ S	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			
Operating life	≥8h per charge (Charging time: 4-6h)			
Event log	2000 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			
Dimension & weight	120×68×30mm, about 220g			
Ex grade	II 2G Ex ia IIC T4 Ga or II 2G Ex db ia IIC T4 Gb			
Ingress protection	IP66			



**SS CONTROLS
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The Safety Of Things

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