

# SS CONTROLS PORTABLE GAS DETECTOR

## BX176 SINGLE GAS DETECTOR

BX176 portable single gas detector is an intrinsically safe device which can continuously detect combustible gases and toxic gases in underground pipes or mines. By adopting excellent-quality sensor, it has good sensitivity and repeatability.

**FEATURES-** LCD Display, Adjustable Alarm & Calibration, Low Voltage Alert, Real Time Clock Display, Audible, Visual & Vibration, STEL & TWA Alarm

**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

Target gas	LEL, O2, toxic gases etc.
Accuracy	±5% F.S.
Response time	LEL, CO, H2S: T90 <30s (LEL, CO, H2S) O2: T90 <20s (Oxygen) NH3, HCL: T90 <120s (NH3, HCL) Other toxic: T90 <60s
Alarm method	Audible, visual, and vibration alarm
Indication	LCD indicates the time and state
Working temperature	Combustible gas: -40°C~70°C Toxic and O2: -20°C~50°C
Working humidity	<95%RH (no condensation)
Ingress protection	IP65
Power supply	DC3.7V, 1300mAh Li-ion battery
Continuously working time	Combustible gas: ≤ 8h continuously Toxic gas: ≥300h continuously (20°C)
Charging time	4~6 hours
Dimension and weight	104.0×60.8×30.5mm about 125g



**SS CONTROLS**  
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*The Safety Of Things*

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