

• Brief Introduction

Bx616 portable multi-gas detector could detect combustible gas, O₂ and other 2 kinds of toxic gases simultaneously. It is widely used in the area where explosion-proof is required or toxic gas leaks, like underground channels or mining industry, so as to protect the worker's life and avoid damage on the relevant equipments.

• Feature

- Natural diffusion sampling method and high-sensitivity sensor, with high sensitivity and repeatability.
- 32-bit built-in MCU, high reliability and self-adaptation ability.
- Full function, easy operation.
- CSTN colorful LCD, more abundant and clear.
- Compact design, easy carrying.
- High strength engineering plastics and compound anti-slippery rubber; high strength, water-proof, dust-proof and explosion-proof.

Gas	Range	Low alarm	High alarm	TWA	STEL
LEL	0-100%LEL	20%LEL	50%LEL		
H ₂ S	0-100ppm	10ppm	15ppm	10 ppm	15ppm
CO	0-1000ppm	35ppm	200ppm	35ppm	200ppm
O ₂	0-30%vol	19.5%vol	23.5%vol		

• Specifications

Gas sampling method : Natural diffusion

Gas sensor type : Catalytic or electrochemical

Detecting gas : Combustible gas, H₂S, CO, O₂

Accuracy : $\leq \pm 5\%$ F.S.

Response Time : ≤ 30 s

Indication : LCD displays real-time and system status;

Working environment : -20°C ~ 50°C, < 95%RH (no dew)

Power Source : DC3.6V Li-on battery, 1800mAh

Charging time : ≤ 6 h

Working time : ≥ 8 h continuously (without alarming)

Gas Sensor Life : 2 years

Explosion-proof grade : Ex ia IIC T4

Protection Grade : IP65

Weight : App. 200g (with battery)

Dimensions : 116mm×66mm×30mm (L × W × H)



All Specifications are subject to change without prior notice