

# BX616 Portable 4-gas detector

## Features

- Intrinsically safe
- 100,000 detected records including peak value
- Calibration point adjustable
- Two alarm level for each sensor channel
- STEL & TWA alarm for toxic gases
- Visual/audible/vibrating alarm
- Self protection against high concentration combustible gas
- Low battery alert
- Confidence beep
- Data uploading
- Password management
- Self-test when power on
- Self-diagnostic and self correction function

## Brief Introduction

BX616 is a portable multi gas detector for continuous detecting of CH<sub>4</sub>, CO, O<sub>2</sub> and H<sub>2</sub>S, it is applicable to gas leakage, underground pipelines, underground mines and other explosion-proof places



## Specifications

- Sampling method: natural diffusion
- Working temperature:
  - 20°C~50°C for toxic gas
  - 40°C~70°C for combustible gas
- Working humidity: <95%RH (no dews)
- Accuracy: ±5% FS
- Response time: T90<30s
- Alarm sound: ≥85dB @ 1m
- Power source: DC3.7V 1800mAh Lithium battery
- Charging time: 4h~6h
- Working time: ≥8h (continuous work, 20°C)
- Ingress protection: IP66
- Explosion-proof grade: Exia II CT3
- Dimension: 120mm×68mm×30mm
- Weight: about 220g

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



# E6000 Portable 6-gas detector

## Features

- Intrinsically safe
- Smart interchangeable sensor module
- MOS, Catalytic, Electrochemical, Infrared, PID sensors selectable
- Built-in pump optional
- 100,000 detected records available including peak value
- Calibration point adjustable
- Two alarm level for each channel
- STEL & TWA alarm for toxic gases
- Visual/audible/vibrating alarm
- Self protection against high concentration combustible gas
- Low battery alert
- Confidence beep
- Data uploading
- Password management
- Self-test when power on
- Self-diagnostic and self correction function
- GPS, GPRS and Man-down function optional



## Specifications

- Sampling method: natural diffusion or built-in pump sampling
- Working temperature:
  - 20°C~50°C for toxic gas
  - 40°C~70°C for combustible gas
- Working humidity: <95%RH (no dews)
- Accuracy: ±5% FS
- Response time: T90<30s
- Alarm sound: ≥80dB @ 1m
- Power source: DC3.7V 6600mAh Lithium battery
- Charging time: 4h~6h
- Working time:
  - 8-300h depending on different configuration
- Ingress protection: IP66
- Explosion-proof grade: Exia II CT4
- Dimension: 168mm×91mm×45mm
- Weight: about 500g

