

# BX171 Portable Toxic Gas Detector **ATEX** approved



## Brief Introduction

Up to one year of continuous maintenance-free.

## Feature

- Smart design and comfortable feel
- Durable, reliable and easy to use
- Exceptionally low cost of ownership
- Bright wide-angled visual alarm bars and high decibel audio alarm
- IP66 design
- STEL and TWA Alert
- Adopting CR123A battery which can work for 6000 hours
- Simple automatic calibration function
- Confidence-beat which shows the detector status

## Specifications

Detection method: Natural diffusion  
 Sensor type: Electrochemical  
 Indication error:  $\leq \pm 5\%$  F.S.  
 Working condition:  
 Temperature:  $-20^{\circ}\text{C} - 55^{\circ}\text{C}$   
 Humidity:  $< 95\% \text{RH}$   
 Power source: DC3V CR123A Lithium battery  
 Sensor life: 2 years  
 Protection grade: IP66  
 Explosion-proof grade: Ex ib IIC T4  
 Dimension: l X b X h, mm: 91 X 58 X 34  
 Weight: about 132g



### Detecting gas:

Target gas	Detecting range	First alarm level	Second alarm level	TWA level	STEL level
H <sub>2</sub> S	0-100ppm	10ppm	15ppm	10ppm	15ppm
CO	0-1000ppm	35ppm	200ppm	35ppm	200ppm
CO	0-2000ppm	35ppm	200ppm	35ppm	200ppm
O <sub>2</sub>	0-30%vol	19.5%vol	23.5%vol	-	-



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