



## Single Gas Detector

### BX176 Portable Single Gas Detector

#### FEATURES

- Intrinsically safe
- Visual and audible alarm
- STEL and TWA alarm for toxic gases
- Adjustable alarm levels and span calibration value
- Password management
- Self-test after power on
- Self-diagnostic and self-correction function

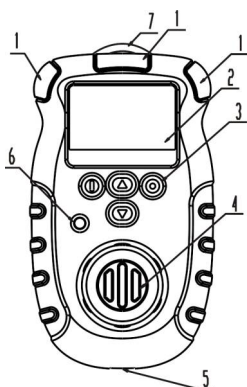
#### APPLICATION

Steelworks, petrochemical plant, oil industry, shipbuilding yard, sewage treatment plant, mine, power supply works etc.



BX176 portable single gas detector (hereinafter referred to as the detector) is an intrinsically safe equipment which can do continuous detecting to combustible gases and toxic gases. It is suitable for combustible and toxic gas leakage detection in underground pipes or mines, it effectively prevents the staffs' life safety from being harmed, and the facilities from being destroyed.

#### STRUCTURE



1. Alarm light
2. LCD screen
3. Button
4. Gas sensing hole
5. Charge/data interface
6. Buzzer sound hole
7. Buckle

#### SPECIFICATIONS

Note: For detecting other gases, please refer to our gas list.

Measuring gas	O <sub>2</sub>	CO	H <sub>2</sub> S	Combustible	Event log	2000 events
Measuring range	0-25%VOL	0-500ppm	0-100ppm	0-100%LEL	Working temperature	Toxic gases: -20°C ~ 50°C Combustible: -40°C ~ 70°C
Sensor type	Electrochemical			Catalytic	WorkinAg humidity	<95%RH (no condensation)
Measuring type	Diffuse naturally				Housing	Rubber enclosure
Response time	T <sub>90</sub> < 30s				Standard accessories	Operation manual, calibration cap, charger, screwdriver
Display	LCD screen				Optional function	Data upload through USB cable
Audible	≥80dB at 1m				Dimension & weight	104mm*61mm*31mm, about 140g
Alarm method	Visual, audible and vibrative signals				Ex grade	Ex ia IIC T3
Battery	DC3V 1300mAh Lithium battery				Ingress protection	IP65
Operating life	Toxic gases: ≥300h per charge Combustible: ≥8h per charge					

## Welcome to Hanwei !



汉威科技集团股份有限公司  
Hanwei Electronics Group Corporation

ADD: No.169 Xuesong Road, National & High Tech Zone,  
Zhengzhou 450001, Henan, China P.C: 450001

www.hwsensor.com

TEL: 86-371-67169070 / 80

FAX: 86-371-67169090

E-mail: sales@hwsensor.com