

EST- 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



EST-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 staff's life safety from being harmed, and the facilities from being destroyed.

STRUCTURE



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

SPECIFICATIONS

Notes: for detecting other gases, please refer to our gas list.

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|-----------------|--|----------|------------------|-------------|----------------------|---|
| Measuring gas | O ₂ | CO | H ₂ 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 ₉₀ <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 | | | | | |