

# BX176 Portable Single Gas Detector



## Feature:

- Advanced MCU control with low power consumption
- Large LCD display
- Adjustable low and high alarm level
- High concentration protection for combustible gas
- Self test for the combustible gas sensor
- Low battery alert
- Real time clock display
- Replaceable sensor module
- Self-adjustment function
- Visual and audible alarm with vibration
- Data logging and uploading
- STEL and TWA alarming for toxic gases
- Advanced self-examination and self-renovation function
- Password management to avoid wrong operation
- Intrinsically safe design



## Specifications:

Target gas: Combustible gas, O<sub>2</sub>, toxic gas  
Accuracy:  $\leq \pm 5\%$  F.S.  
Response time:  $T < 30s$   
Indication: LCD indicates the time and state  
Indication of alarm, fault and low voltage with LED, sound, vibration  
Operating Environment:  
Operating temperature:  $-40 \sim 70^{\circ}C$  (for combustible gas)  
Operating temperature:  $-20 \sim 50^{\circ}C$  (for toxic gas)  
Humidity:  $< 95\%RH$  non-condensing  
Operating voltage: DC3.7V Li-ion battery 1300mAh  
Working time: Combustible gas: 8h continuously;  
Toxic gas:  $\geq 300h$  continuously  
Charging time: 4h~6h  
Sensor life: 2 years  
IP rating: IP65  
Weight: about 125g (including battery but without accessories)  
Dimension: 104.0mmX60.8mmX30.5mm