GAS DETECTORS

PORTABLE MULTI-GAS DETECTOR MODEL - BX 616

IP66



EXPLOSION PROOF GRADE

✳ FEATURES :

- Intrinsically safe design
- **Explosion-proof grade :** Exia II CT4
- Natural diffusion sampling method and high-sensituvity sensor, with high sensitivity and repeatability.
- CSTN colorful LCD, large & clear.
- Compact design, easy carrying.
- High strength engineering plastics and compound anti-slippery rubber; high strength, water-proof, dust-proof and explosion-proof.
- Audible, visual & vibration alarm.
- 100,000 records storage capacity including peak value.
- Adjustable 2-level Alarm levels.

✳ FUNCTIONS :

- **Detecting Gases :** H_2S, CO, O_2 LEL

Gas	Range	Low alarm	High alarm	TWA	STEL
H_2S	0-100ppm	10ppm	15ppm	10ppm	15ppm
CO	0-1000ppm	35ppm	200ppm	35ppm	200ppm
O_2	0-30%vol	19.5%vol	23.5%vol		
LEL	0-100%LEL	20%LEL	50%LEL		

✳ ADDITIONAL FUNCTIONS :

- **Detection method :** Natural diffusion
- **Gas sensor type :** Catalytic or electrochemical
- **Accuracy :** ±5% FS (LEL) / ±5ppm (toxic gas)
- **Response Time :** ≤30s
- **Indication :** LCD displays real-time and system status.
- **Charging time :** ≤ 6h
- **Working time :** ≥ 8h hours (without alarming)
- **Gas Sensor Life :** 1 year (2 years Optional)

✳ **Power Supply :** DC3.7V, 1800mAh Li-on battery.

✳ **Dimension :** Approx. 120(L) x 68(W) x 30(H) mm.

✳ **Weight :** Approx. 225 gm. (including battery)

✳ **Accessories :** Instruction Manual, Battery, Charger & Carrying Case.

PORTABLE TOXIC SINGLE GAS DETECTOR MODEL - BX 171

IP65



ATEX APPROVED

✳ FEATURES :

- Intrinsically safe design
- **Explosion-proof grade :** Ex ia IIC T4 Ga
- Smart design and comfortable feel
- High contrast LCD display with Backlight
- Exceptionally low cost of ownership
- Bright wide-angled visual alarm bars and high decible audio alarm
- waterproof & dust proof design.
- STEL and TWA Alert
- Audio, Video & Vibration Alarm
- Simple automatic calibration function
- Confidence-beep which shows the detector status.
- Response time : <30s

✳ FUNCTIONS :

- **Detecting Gases :**

H2S /CO / O2 **(ANY ONE)**

Target Gas	Detecting Range	First Alarm Level	Second Alarm Level	TWA Level	STEL Level
H2S	0-100ppm	6ppm	12ppm	1ppm	5ppm
CO	0-500ppm	16ppm	32ppm	16ppm	24ppm
O2	0-30%vol	19.5%vol	23.5%vol	-------	-------

✳ ADDITIONAL FUNCTIONS :

- **Detection method :** Natural diffusion
- **Sensor type :** Electrochemical
- **Indication error :** ≤ ±5% F.S.
- **Sensor life :** 1 year (2 years Optional)
- **Protection grade :** IP65
- **Working time :** ≥ 8h (for combustible gas) ≥300h for toxic gas
- **Charging time :** ≤ 6h

✳ **Power Supply :** DC3V CR123A Lithium battery(6000hrs.)

✳ **Dimension :** Approx. 91(L) x 58(W) x 34(H) mm.

✳ **Weight :** Approx. 132 gm. (including battery)

✳ **Accessories :** Instruction Manual, Battery, Charger & Carrying Case.

PORTABLE SINGLE GAS DETECTOR MODEL - BX 176

IP65



EXPLOSION PROOF GRADE

✳ FEATURES :

- Intrinsically safe design
- **Explosion-proof grade :** Exia II CT3
- Large LCD display
- Two adjustable low and high alarm level
- High concentration protection for combustible gas
- Self test for the combustible gas sensor
- Low Batteries alert
- Real time clock display
- Replaceable sensor module
- Self-adjustment function
- Visual and audible alarm with vibration
- STEL and TWA alarming for toxic gases
- Advanced self-examination & self-correction function
- Password management to avoid wrong operation

✳ FUNCTIONS :

- **Detecting Gases :** Combustible gas, O_2, toxic gas, NH_3, NO_2, CO, H_2S, NO,SO_2, H_2, Cl_2 (Any One)
- **Accuracy :** ≤ ±5% F.S.
- **Response time :** T< 30s
- **Working time :** Combustible gas : 8h continuously; Toxic gas : ≥ 300h continuously
- **Protection grade :** IP65

✳ ADDITIONAL FUNCTIONS :

- **Indication :** LCD indicates the time and state Indication of alarm, fault and low voltage with LED, sound, vibration
- **Charging time:** 4 ~ 6 hours
- **Sensor life:** 1 year (2 years Optional)

✳ **Power Supply :** DC3.7V, 1300mAh Lithium battery.

✳ **Dimension :** Approx. 104(L) x 60.8(W) x 30.5(H) mm.

✳ **Weight :** Approx. 132 gm. (including battery)

✳ **Accessories :** Instruction Manual, Battery, Charger & Carrying Case.