

## MULTI GAS DETECTOR GD09

**APPLICATION:** The MEXTECH GD-09 Portable Multi-Gas Detector can detect Explosive Gas (EX), Oxygen (O<sub>2</sub>), Carbon Monoxide (CO) and Hydrogen Sulphide (H<sub>2</sub>S) continuously and simultaneously. It is used to monitor for the presence of combustible, flammable, and toxic gases, as well as oxygen depletion. It is widely used in the area where explosion-proof is required or toxic gas leaks, like underground channels or mining industry, so as to protect the workers' life and avoid damage on the relevant equipment.

### FEATURES:

- Gas Sampling Method : Natural diffusion Self-Calibration
- Detecting Gases : Combustible Gas(EX), H<sub>2</sub>S, CO, O<sub>2</sub>
- Protection Grade : IP65
- Accuracy :  $\leq \pm 5\%$  F.S.
- Response Time :  $\leq 30$ s
- Indication: LCD displays real-time and system status; LED, audio and vibration alert for gas leakage, fault and low voltage.
- Operating Temperature & Humidity: -20°C ~ 50°C, <95%RH
- Power supply: DC3.7V Li-on battery, 2000mAh
- Charging Time : 6h ~ 8h
- Working Time :  $\geq 8$ h continuously (without alarms)
- Gas Sensor Life : 2 years
- Explosion-proof grade : ExiallCT3
- Unit Size: 130 X 67 X 30 mm
- Weight: 400 gms (Including Batteries)
- Accessories: Instruction Manual, Cable, Calibration Cap, Charger, Carrying case.



### SPECIFICATION:

| Target Gas       | Range     | Low alarm | High alarm | Resolution |
|------------------|-----------|-----------|------------|------------|
| EX               | 0~100%LEL | 20%LEL    | 50%LEL     | 1%LEL      |
| H <sub>2</sub> S | 0~100ppm  | 10ppm     | 35ppm      | 1ppm       |
| CO               | 0~1000ppm | 50ppm     | 150ppm     | 1ppm       |
| O <sub>2</sub>   | 0~30%vol  | 19.5%vol  | 23.5%vol   | 0.1%vol    |