

## Portable EX Detector

### PGD3-C-EX

**PGD3-C** detector is equipped with the original imported sensors, possessing high sensitivity and reliable stability. It is characterized as its simplicity and EXnvenience, getting rid of replacing battery, dust-proof, and explosion-proof together with low maintenance EXst. The upper and lower limit alarm value can be set randomly. It is also equipped with the zero and standard point calibration function, in which there is the temperature EXmpensation device to minimize the measurement errors with easy maintenance. It is widely used in the place which requires detecting the EXncentration of the poisonous and harmful gas, such as oil production, smelting, chemical industry, municipal engineering, sewage treatment, electric power, EXal gas mining, tunnel EXnstruction, fire EXntrol, storage, paper making, pharmacy industry, brewing and the like.



### Features:

- \* The whole machine is possessing small volume, light weight with the waterproof, explosion-proof, shockproof designs.
- \* High precision, high resolution, quick response.
- \* Equipped with the large-capacity rechargeable lithium battery, and can be working within a long time EXntinuously.
- \* Equipped with the time display, which can show the remaining power.
- \* Equipped with the digital LCD backlight display, which can show the testing gas, unit, and pump suction display.
  - \* The aEXusto-optic and vibration alarm function, low battery

power alarm function, sensor fault detection alarm function and ultra-range alarm function.

- \* The sensor is equipped with the original imported electrochemical one.
- \* The upper and lower limit alarm value can be set randomly. It is also equipped with the zero and standard point calibration function in which there is the temperature EXmpensation device to minimize the measurement errors with easy maintenance.
- \* The data reEXvery function to get rid of the trouble of mal-operation.
- \* The design of the shell is adopted with the special material and craftwork, which is not easily worn out but easy to clean, and is also as bright as a new one after a long time usage.

### Technique Data:

Detection Gas: EX in air

Detection Range: 0-100%LEL

Resolution: 0.1%LEL

Detection Methods: diffusion pump priming optional

Precision:  $\pm 3\%$ FS

Sensor life: more than two years

Alarm mode: sound and light alarm, vibration alarm

Response time:  $\leq 20s$

ReEXvery time:  $\leq 40s$

Power supply: DC3.6 lithium battery

Battery Capacity: DC3.6 1800mA

Temperature range:  $-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$

Humidity range: 10%  $\sim$  95%RH

Explosion-proof Classification: Exd II CT6

Site: 125  $\times$  52  $\times$  30mm(L  $\times$  W  $\times$  H)

Weight: 200g