

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 convenience, getting rid of replacing battery, dust-proof, and explosion-proof together with low maintenance. 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 compensation device to minimize the measurement errors with easy maintenance. It is widely used in the place which requires detecting the concentration of the poisonous and harmful gas, such as oil production, smelting, chemical industry, municipal engineering, sewage treatment, electric power, coal gas mining, tunnel construction, fire control, 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 continuously.
- * 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 auto-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 compensation device to minimize the measurement errors with easy maintenance.
- * The data recovery 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: ≤ 20 s
 Recovery time: ≤ 40 s
 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
 Size: 125 \times 52 \times 30mm(L \times W \times H)
 Weight: 200g