

# PGD2

## 4-Gas Portable Detector for Combustible, Oxygen & Toxic Gases

### FEATURES

- Rugged Durable Enclosure with a Protective Rubber Case
- Instrument and Sensors Guaranteed for Two Years
- Designed for Rugged Environments – Can Withstand Physical Abuse and Short-term Immersion in Water
- Impact and Water Resistance to IP66
- Large Backlit Graphic Display
- 360° Visual Alarm
- Pre-programmed for 16 Combustible Gases/Vapors
- Full Data Logging Capability Option
- Approved to International Standards

### SPECIFICATIONS

- Function:** • Multi-gas detector
- Configuration:** • 3 electrochemical sensors for O<sub>2</sub> & toxic gases  
• 1 catalytic combustible gas sensor
- Display:** • 2 x 16 character LCD display with backlight
- Visual Alarms:** • Large, flashing red lens section
- Alarm Levels:** • Combustible – one instant alarm  
• Toxic – instant STEL & TWA alarms  
• Oxygen – one increasing and one decreasing alarm
- Temperature Range:** • 20°F to 105°F (-5°C to 40°C)
- Humidity Range:** • 15% to 95% rH, non-condensing
- Ingress Protection:** • IP 66
- Power Source:** • Rechargeable battery pack
- Operating Time:** • 12 hours minimum between recharge
- Size:** • 7.25 x 4.25 x 1.95 inches (18.5 x 10.8 x 4.9 cm)  
excluding case
- Weight:** • 28 ounces ( 1 kg)
- Approvals:** • Certifications:  
• Baseefa 03ATEX0235X  
• II 2G EEx ia IIC T3  
• CE Marked; E 50081-2, EN50082-1, EN55022 (Limit B)



### ORDERING INFORMATION

Portable Multi-Gas Detector for combustible gases, oxygen, carbon monoxide, hydrogen sulfide, and available for other toxic gases.

% LEL Methane CH<sub>4</sub>  
% by Volume Oxygen O<sub>2</sub>  
ppm Carbon Monoxide CO  
ppm Hydrogen Sulfide H<sub>2</sub>S

Diffusion type monitor;  
available with optional internal  
sample pump.

#### FLAMMABLE GAS MENU

Via the 'MENU' select button any one of a number of flammable gases may be chosen as show below, these are monitored by a common sensor

Methane	MEK
Ethane	Ketone
Propane	Ethylene
Butane	IPA
Pentane	Propylene
Hexane	Triethylamine
Heptane	Hydrogen
Nonane	Others -user defined
Methanol	via PC software