

APPLICATION DATA SHEET

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OLIVER IGD

Portable Gas Detectors

PGM-2400

Compact Portable Gas Monitor One to Four Gases

CO, H₂S, O₂, Flammables



The PGM-2400 is a full-featured, compact, one- to four-sensor gas detector for detection of combustibles, oxygen, hydrogen sulfide, and carbon monoxide. Key features include easy-to-change, externally accessed battery packs (available in rechargeable and alkaline versions), a water-resistant case and a new state-of-the-art O₂ sensor technology with extended life. The rechargeable Lithium-ion battery pack provides up to 14 hours of continuous operation. The PGM-2400 includes storage capacity for 64,000 datalogging points, which can be downloaded to any PC compatible with Windows 98, NT, 2000 or XP

Key Features

- Multi-language support
- One-button calibration with auto-zero capability
- Loud 95dB audible alarm
- Bright red flashing visible alarm
- Vibration alarm
- Interchangeable drop-in Lithium-ion and alkaline battery packs
- Charging cradle doubles as an external battery charger
- Compatible with AutoRAE calibration station
- Optional Confined Space Entry Kit
- Graphic Display
- Easy Access Sensors and Batteries
- Standard Alkaline or Lithium Ion Batteries
- 14 Hours Continuous Operation
- 64000 Data Logging Points

5 Models

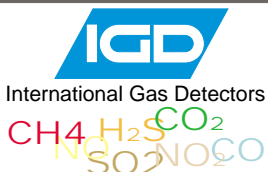
- LEL
- LEL/O₂
- LEL/O₂/CO
- LEL/O₂/H₂S
- LEL/O₂/H₂S/CO

Applications

- Confined Space Entry
- Waste water treatment plants
- Marine and off-shore oil wells
- Landfill operations
- Trenches, silos, railcars
- Coal mines
- Cruise ships
- Sewers and manholes
- Tunnels
- Refineries and petrochemical plants
- Power plants
- Pulp and paper industry
- Steel mills

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02M174
Ref ROS2400

PGM-2000

Specifications

General

Size	5"Lx2.8"Wx 1.5"H (11.5x7.6x4.6 cm)		
Sensors	Combustibles	Catalytic bead for	0-100% LEL
	Oxygen	SPE O ₂ TM (non-consumable Solid Polymer Electrolyte technology)	0-30%
	Toxic	Electrochemical CO	0-1000ppm
		H ₂ S	0-100ppm
Operating Period Diffusion:	Up to 14 hours continuous operation with Lithium-ion battery, up to 10 hours with alkaline battery (typical, without alarm)		
Display	Graphic 4 lines, with LED automatic back light in dim light or alarm condition		
Keypad	Two-key operation		
Direct Readout	Instantaneous reading up to four sensors Oxygen as percentage by volume Combustible gas as percentage of lower explosive limit (LEL), scaleable using correction factors Toxic gases as parts per million by volume High and low values for all gases Battery and shutdown voltage Date, time, elapsed time, temperature		
	95dB buzzer (at 30 cm) and flashing red LED High: 3 beeps and flashes per second STEL and TWA: 1 beep, vibration and flash per second Alarms latching with manual override or automatic reset		

Monitor

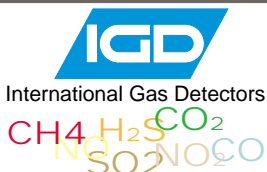
Monitor Includes:

- Monitor as specified
- Sensors as specified
- Calibration adapter
- Quick reference guide
- User manual and Software Package for Windows 2000, NT and XP on CD-ROM
- Alkaline adapter
- (Rechargeable version only) Charging/download cradle with computer interface cable
- (Rechargeable version only) Universal charger
- (Rechargeable version only) Lithium-ion battery pack

Options

Confined Space Entry Kit CSK1, CSK2

- Hard transport case with pre-cut foam
- 6'(2 meters) Tygon® tubing
- 10" (25cm) stiff aluminum sample probe with replaceable filter
- Constant flow hand pump
- Tool Kit
- (CSK2 only) Four-gas mix in a 34L cylinder (50% LEL, 18% O₂, 10 ppm H₂S, 50 ppm CO)
- (CSK2 only) Calibration regulator and tubing



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