



PERSONAL COMBUSTIBLE MONITOR

Gas Detection For Life

GP-01 Model



Features

- Smallest combustible monitor available
1.4"(W) x 4.1"(H) x 0.8"(D)
- Light weight 3.5 ounces
- Audible / visual / vibration alarms
- Operates 16 hours on alkaline batteries
- Ni-Cad option with direct charging
- Automatic backlight for LCD display
- Peak hold
- Low battery alarm
- Impact and water resistant
- 2 year Warranty

Applications

- Hazardous Material Handling
- Mining
- Refineries / Petrochemical
- Water / Wastewater Treatment
- Cable Vaults
- Utilities
- Chemical Plants
- Fire Services
- Telecom Companies



Individuals need personal protection in hazardous areas at all times without adding extra bulky equipment, and the GP-01 can provide that kind of protection at an affordable price. The GP-01 model is the smallest personal combustible gas monitor available, weighing only 3.5 ounces. It detects the presence of flammable mixtures and digitally indicates the concentration. This low cost combustible gas monitor operates up to 16 hours on 2 AAA size alkaline batteries and has a Ni-Cad version available. The GP-01 has a 0 to 100% LEL range and an LCD digital display with automatic backlighting during alarm. Designed to detect the presence of flammable gases or vapors, the GP-01 can operate intermittently or continuously. The 2 preset alarm levels at 10% and 50% LEL are user adjustable and are equipped with visual, audible and vibration alarms. The replaceable sensor is a proprietary coin type catalytic cell in a metal enclosure that will last for up to 3 years.

The GP-01 is safe for use in hazardous locations, certified as intrinsically safe by CSA to U.S. and Canadian standards for Class I, Division 1, Groups A, B, C, and D. The GP-01 is also performance tested and approved to CSA Standard C22.2 No.152. For additional information please visit our web site at www.rkiinstruments.com.

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World Leader In Gas Detection & Sensor Technology
www.rkiinstruments.com

GP-01 Model

Measuring Gas	Combustible gas, methane (CH ₄) calibration standard
Dimension & Weight	1.4"W x 4.1"H x 0.8"D; 3.5 ounces (100 grams)
Detection Range	0 - 100% LEL (1% LEL increments)
Detection Principle	Catalytic combustion method
Sampling Method	Diffusion
Display	7-segment + symbol on digital LCD, auto backlighting
Preset Alarms (User Adjustable)	1st alarm 10% LEL 2nd alarm 50% LEL Over alarm 100% LEL
Types of Alarms	Gas alarm: 2 gas alarms (1st and 2nd) and OVER alarm Trouble alarm: Sensor disconnection, low battery circuit failure, calibration range error.
Display of Alarm	Gas Alarm: Flashing LED's, intermittent buzzer, flashing gas value, vibration Trouble alarm: Flashing LED's, intermittent buzzer, display of error message
Continuous Operation	<ul style="list-style-type: none"> Alkaline dry cell: more than 16 hours (at 25°C, no backlight) Ni-Cad battery: 8 hours (at 25°C and fully charged, no backlight)
Special Functions	<ul style="list-style-type: none"> Manual backlight for LCD (automatically lit during alarm) Peak hold Direct charging for Ni-Cad version
Power Source	<ul style="list-style-type: none"> Alkaline dry cell (2-AAA size), standard Ni-Cad battery pack (2.4 VDC direct charging), optional
Operating Temp. & Humidity	-20°C ~ 50°C; Humidity below 90% RH (non-condensing)
Response Time	30 seconds to 90% response (T90)
Standard Accessories	<ul style="list-style-type: none"> Rubber protective boots Wrist strap Alkaline batteries
Optional Accessories	<ul style="list-style-type: none"> Charger unit Calibration cap (adapter) Calibration kit Ni-Cad battery pack Belt clip Alligator clip
Warranty	Two years material and workmanship
Approvals	<ul style="list-style-type: none"> CSA certified intrinsically safe for Class I, Division 1, Groups A,B,C, and D to U.S. and Canadian standards Performance to CSA C22.2 No.152

Note: Specifications subject to change without notice.



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