

AimSAFETY™

PORTABLE GAS DETECTION SOLUTIONS
by Macurco

AimSafety is now a part of Macurco Gas Detection, a company who has been providing gas detection solutions for over 45 years.



PM₁₀₀-CO



PM₁₀₀-H₂S



PM₁₀₀-O₂

PM100 Series

Newest, Advanced Disposable Single Gas, Personal Monitor for CO, H₂S, or O₂

The PM₁₀₀ is a maintenance-free, disposable portable single-gas monitor that protects workers by providing exposure detection for specific gases in hazardous environments. The PM₁₀₀ continuously monitors ambient air conditions and provides real-time gas concentrations on an easy to read LCD display. A three-tier alarm system warns the user of the presence of unsafe gas levels with audible, visual, and vibrating alarms. The PM₁₀₀ has sensor options for Carbon Monoxide (CO), Hydrogen Sulfide (H₂S) and Oxygen (O₂).

Key Features

- Visible Calibration Status
- Maintenance-Free
- Operates Continuously For Two Years
- Single Button Operation
- Event Logging
- Rugged, High Visual Housing
- Easy-To-Read LCD Display
- IP67 Water & Dust Resistant
- 30-Day End-Of-Life Warning & Notification

Applications

- Oil & Gas
- Heavy Metal & Steel
- Chemical Plants
- Pulp & Paper
- Municipalities
- Food & Beverage
- Contractor / Construction
- General Industry

PM100 Series

Specifications

| | |
|-----------------------------------|--|
| Size | 3.6"(L) x 2.2"(W) x 1.3"(H) 9.1cm x 5.4cm x 3.2cm |
| Weight | 3.3 oz. (93 g.) Toxic Models 3.7 oz. (104 g.) O ₂ Model (Battery, Clip Included) |
| Battery | Lithium (Non-Replaceable) |
| Operating Period | 2 Years* |
| Event Logging | 30 Events |
| IP Rating | IP67 |
| Display | LCD Display |
| Alarms | <ul style="list-style-type: none"> Audible Buzzer - 90 dB (at 4 in. typical) Vibration Alarm, Flashing Red LEDs & On-Screen Indication Differentiating Audible & Visual High And Low Alarms Indication |
| Temperature | CO: -40°F to 122°F (-40°C to 50°C) H ₂ S: -40°F to 122°F (-40°C to 50°C) O ₂ : -31°F to 122°F (-35°C to 50°C) |
| Humidity | 5% to 95% RH (Non-Condensing) |
| Certifications | UL-913 & CSA-C22.2 No.157 Class 1 Div.1 & 2, Groups A,B,C & D. ATEX II 1G Ex ia IIC T4 Ga IECEX Ex ia IIC T4 INMETRO |
| Warranty | 2-Years From Activation |
| Sensor Life Notification | <ul style="list-style-type: none"> Sensor Life Indication Screen (Month(s), Days Or Hours) <30-Day End-Of-Life Display Warning (Days Or Hours) |
| Policy Enforcement (Configurable) | <ul style="list-style-type: none"> End-Of-Life Notification Alarm test due Bump test due Calibration due |

*Normal Alarm Use: Based On Two Minutes Of Alarm Per Day

Gas Options

| Gas | Range | Resolution |
|------------------|-------------|------------|
| CO | 0 - 500 ppm | 1 ppm |
| H ₂ S | 0 - 100 ppm | 0.1 ppm |
| O ₂ | 0 - 30% Vol | 0.1% Vol |

Ordering Information

| Gas | Model Number | Low Alarm | High Alarm |
|------------------|-------------------------------------|-----------|------------|
| CO | PM ₁₀₀ -CO | 35 ppm | 100 ppm |
| H ₂ S | PM ₁₀₀ -H ₂ S | 10 ppm | 15 ppm |
| O ₂ | PM ₁₀₀ -O ₂ | 19.5% | 23.5% |

Accessories

| Name | Model Number |
|-----------------------|----------------------------|
| PM Link | PMIR-Link |
| Bump/Cal Test Station | PM ₁₀₀ -Station |



PM₁₀₀ Bump/Cal Test Station



PM Link

