

The Solaris[®] Fire Multigas Detector

Includes the Solaris Multigas Detector with Alkaline Battery





Small and light four-gas monitor for personal protection. Unobtrusive lightweight design does not interfere with user's range of motion. Unit is comfortable enough to be worn all day.

- Rubberized armor unit is IP 65 rated for dust and liquid ingress
- User-friendly; many setup options available
- Triple alarm system; audible, visual and vibrating
- Great display in a small unit
- Autocalibration with Galaxy System compatibility
- Lithium ion and alkaline battery pack models
- Optional attachable sampling pump
- Two-year end-to-end warranty

The Solaris Fire Multigas Detector provides the best value in its class. This convenient portable instrument is a great choice for fire service and first responder safety, and detects the presence of O₂, H₂S, CO and combustible gas. It's designed to withstand rough handling in harsh environments and fits easily on belts. At a low, competitive cost, it provides the best and biggest array of features on the market while weighing under 8 ounces and having dimensions of 4½"H x 2½"W x 1¼"D.

Rugged Construction

The Solaris Fire Multigas Detector is encased in rubberized armor to help absorb impact if the unit is accidentally dropped. IP 65 rating provides superior protection against liquid and dust ingress, also helping to ensure reliable performance in the harshest of environments.

Ultimate Flexibility

The Solaris Fire Multigas Detector unit is easily user-configured to four gases simultaneously. Users can also modify most instrument functions including alarm and expected calibration gas concentration values, as well as other operating and set-up parameters. All critical values are protected behind a user-selectable password option.



Triple Alarm System



The triple alarm system used in the Solaris Fire Multigas Detector offers high intensity LED visual alarms.

This unit also has a user-enabled LED heartbeat that flashes a green light every 15 seconds. The Solaris Fire Multigas Detector audible alarm is typically measured in excess of 100 dB and calls urgency to potentially dangerous situations. A strong vibrating alarm is also a standard feature.

Versatile Display

This unit's superior display with backlighting provides exceptional contrast, making it easy to read in low-light conditions and from many angles. All gas concentrations are displayed simultaneously for easy at-a-glance identification. The Solaris Fire



Multigas Detector also displays an alphanumeric message bar of specific commands, guiding users through instrument functions.

Simple Calibration with Galaxy® System Compatibility

Calibration is intuitive and is accomplished with the push of a single button. This autocalibration feature greatly simplifies calibration and reduces training needs. It features built-in logic and enables the use of a wide variety of calibration gas concentrations.



To make the Solaris Fire Multigas Detector compatible with the Galaxy Automated Test System, order the unit with datalog option. As the leading standalone calibration system, the Galaxy System allows users the ability to automatically calibrate, charge and keep calibration records/results via a wired network interface.

Long-Life Batteries/Lithium Ion and Alkaline Battery Versions

The rechargeable lithium ion battery provides 14+ hours, outperforming other battery technologies in extreme environmental conditions. The Solaris Fire



Multigas Detector battery will fully recharge in less than four hours and will maintain over 80% of its original capacity after 500 recharge cycles. There is nothing extra to buy—all Solaris Fire Multigas Detector units are shipped with a charging cradle and power cord.



The Solaris Fire Multigas Detector is also available with alkaline batteries. This version will continuously operate for 12+ hours utilizing three AA batteries. The alkaline battery unit is designed with two easy-to-remove thumb screws and with durability in mind.

Optional Sampling Pump

The Solaris Fire Multigas Detector offers an optional powered sampling pump that is contained within the sampling probe accessory. The basic pump platform uses the same proven technology as other MSA portable instruments. The pump probe can be used with up to 50 feet of tubing for remote sampling applications. The pump module also includes an extensive filtering system to keep liquid and particulate contaminants at bay.



Outstanding Warranty

The Solaris Fire Multigas Detector comes with a two-year, all-inclusive warranty. This combination of features and affordability makes the Solaris Fire Multigas Detector an undisputed leader in its class.

Solaris Fire Multigas Detector Kits

The Solaris Fire Multigas Detector is available in the following convenient kit configurations. All kits include a Solaris Fire Multigas Detector complete with datalogging, calibration cap assembly, instruction manual on CD-ROM, a durable red carrying case, and an orange instrument carrying case. Please refer to the Solaris Fire Multigas Detector ATO sheet for other configurations.

Solaris Fire Multigas Detectors	Solaris Fire with Rechargeable Battery	Solaris Fire with Alkaline Batteries
Standard Kits (include datalogging options)*	Part No.	Part No.
4- Gas Instrument	10071201	10071209
3-Gas Instrument (LEL, O ₂ , CO)	10071202	10071210
Industrial Kits (include Econo-Cal kit and datalogging option)*	Part No.	Part No.
4- Gas Instrument	10071203	10071211
3-Gas Instrument (LEL, O ₂ , CO)	10071204	10071212
Deluxe Kits (include sampling pump, Econo-Cal kit and datalogging option)*	Part No.	Part No.
4- Gas Instrument	10071205	10071213
3-Gas Instrument (LEL, O ₂ , CO)	10071206	10071214

* To download the Solaris data, the MSA data docking module (P/N 710946) must also be purchased.

Note: This Bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.



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