The Sirius® Multigas Detector

One PID, four gases, and hundreds of chemicals detected.

MSA
The Safety Company™

Simultaneous monitoring of volatile organic compounds (VOCs) with low vapor pressures and combustible, toxic and oxygen-deficient atmospheres within one portable, hand-held gas detector.

- Multifunctional; combines PID and four-gas detector
- Flexible configurations for detection of numerous chemicals
- High-performance proprietary PID design
- Software offers pre-programming and easy scrolling
- Easy access for lamp maintenance
- Rechargeable and replaceable battery pack options
- Autocalibration and compatibility with MSA's Galaxy Test System
- Emergency Long-Term Storage Kit

The Sirius Multigas Detector combines multiple gas detection solutions into one streamlined unit, featuring high performance, simplicity, and durable design, all with MSA's commitment to quality. The Sirius Multigas Detector with PID offers a reliable and durable package to detect volatile organic compounds with low vapor pressures, while also measuring for combustible, toxic and oxygen deficient atmospheres.

Flexible Configurations
High-performance PID (photoionization detection) and four-gas capability within one instrument allows for detection of hundreds of chemicals. The Sirius Multigas Detector can be used with or without the PID mode; when only a four-gas detector is needed users can turn off VOC readings for built-in confined space monitoring capability.

Reliable PID Performance, Alarm System and Safe LED
MSA's own proprietary PID sensor design provides excellent PID performance including humidity resistance, stable zero readings, and fast response and clear times. User efficiency is improved while maintenance time and costs are reduced. A piercing alarm horn and multidirectional bright LED lights give users audible and visible alarm condition warnings. A "Safe LED" confidence light flashes every 15 seconds.

User-Friendly Software
Readings for combustible gas, CO, H_2S, O_2 and VOCs with their character names are clearly and simultaneously exhibited on the display, along with a conspicuous battery life indicator showing remaining run time.

When measuring for general VOCs with isobutylene as the reference gas, the chemical name "isobutyl" is displayed in a designated dashboard. When a known gas is present, it's easy to obtain a direct reading measurement by using an automatically-calculated, pre-programmed corresponding response factor to isobutylene. Eight alpha characters clearly

spell out the user-selected VOC of choice in the dashboard display area. The unit automatically calculates the response factor by scrolling through a "favorite-five" list or by selecting a gas from a 100-gas pre-programmed list. Customized chemical names and corresponding response factors can also be easily added to this list. A user-selectable option to enable ppb VOC readings below 10 ppm provides additional flexibility.

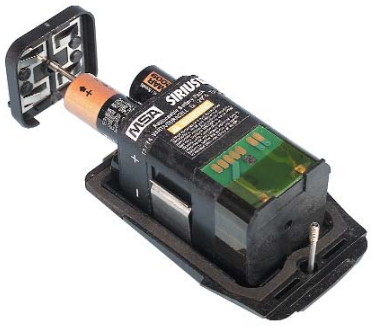
Lamp Options and Maintenance

PID lamp access for lamp cleaning or changing is made easy as the unit's lamp holder is conveniently located on the front of the instrument. Color-coded lamp eV ratings enable easy lamp differentiation. Two lamps are available: a red color-labeled 9.8 eV lamp for greater VOC discrimination, and a green color-labeled 10.6 eV lamp suitable for most VOCs. Ionization chamber maintenance can be easily done at the customer's location. The ionization chamber is simply removed, disposed of and replaced. A tamper-proof version of the PID lamp cover is also available.

Interchangeable Lithium-ion and Alkaline Battery Packs

A unique, user-friendly design for the alkaline battery pack provides a large, slotted thumb screw for easily swapping out batteries in the field. An attached lid prevents lost parts while at a work site. A lithium ion battery pack

with optional vehicle charger is easily interchangeable with the alkaline battery pack. Charging of the lithium ion battery pack can be done while it is either in the unit or separate from the detector. This interchangeable design and flexible re-charging scheme allows for quick battery turn to keep units continually charged and ready.



Easy Calibration and Compatibility with MSA's Galaxy Automated Test System

One-button calibration is extremely simple and helps to ensure proper sensor performance. Intelligent software frees users from time-consuming calibration adjustments. The Sirius Multigas Detector is compatible with MSA's Galaxy Automated Test System for automated calibration and record keeping.

Long-Term Storage Kit

When emergency response conditions arise, the Long-Term Storage Kit provides all the tools necessary to keep the Sirius Multigas Detector running if the unit has not been frequently used. The kit includes a Sirius Multigas Detector with combustible, H_2S, CO, O_2 and PID sensors, a premium storage case, calibration cylinders, spare sensors with hermetically-sealed O_2 sensor to last two years, spare PID lamp, lamp-cleaning kit, extra PID ionization chamber, both alkaline and rechargeable lithium ion battery packs, and vehicle charger. A visual quick-start guide is attached to the lid of the case for easy, safe operation.

Sirius Multigas Detector Kits

	Part Number	10.6 eV	LEL	O_2	CO	H_2S	Li Ion	Alkaline battery	10ft line	1ft probe	Ret line	Black boot	Cordura jacket	Calibration kit	Datalogging	Black case	Standard cap	Lamp cl kit
Deluxe LEL 4-Gas Lithium Ion PID	10051141	●	●	●	●	●	●		●	●	●	●	●	●		●	●	
Deluxe LEL 3-Gas H2S Lithium Ion PID	10051142	●	●	●		●	●		●	●	●	●	●	●		●	●	
Deluxe LEL 3-Gas CO Lithium Ion PID	10051143	●	●	●	●		●		●	●	●	●	●	●		●	●	
Deluxe LEL 4-Gas Lithium Ion PID Datalog	10051144	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	
Deluxe LEL 4-Gas Lithium Ion PID less bt/jac	10051117	●	●	●	●	●	●		●	●	●			●		●	●	●
Industrial LEL 4-Gas Lithium Ion PID	10051146	●	●	●	●	●	●		●	●	●	●	●				●	
Industrial LEL 3-Gas H2S Lithium Ion PID	10051147	●	●	●		●	●		●	●	●	●	●				●	
Industrial LEL 3-Gas CO Lithium Ion PID	10051148	●	●	●	●		●		●	●	●	●	●				●	
Industrial LEL 4-Gas Lithium Ion PID no jacket	10051149	●	●	●	●	●	●		●	●	●	●					●	
Industrial LEL 4-Gas Lithium Ion PID with cal	10051150	●	●	●	●	●	●		●	●	●			●	●	●	●	
Economy LEL 4-Gas Alkaline PID	10051151	●	●	●	●	●		●									●	
Economy LEL 3-Gas H2S Alkaline PID	10051152	●	●	●		●		●									●	
Economy LEL 3-Gas CO Alkaline PID	10051153	●	●	●	●			●									●	
Economy LEL 4-Gas Lithium Ion PID	10051154	●	●	●	●	●	●										●	

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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