Sirius® Multigas Detector

Assemble-To-Order System and Pricing Guide • **Prices effective January 1, 2015**

MSA
The Safety Company

Approvals and Standards/Kits/Replacement Parts

Battery Packs	Part No.	List Price
Standard Rechargeable Lithium Ion Battery Pack	10050347	$322.00
Lithium Ion Battery Charger, consists of power supply and charge adapter	10052512	$263.00
Replaceable Alkaline Battery Pack	10049412	$180.00
Replaceable Alkaline Battery Pack less door	10049098	$139.00
Vehicle Charger (includes charge adapter)	10052513	$377.00

Sampling Accessories	Part No.	List Price
Sampling Line with Quick-Connect, 10-foot polyurethane	10040665	$134.00
Sampling Line with Quick-Connect, 25-foot polyurethane	10040664	$147.00
Sampling Line with Quick-Connect, 10-foot teflon	10049058	$143.00
Sampling Line with Quick-Connect, 25-foot teflon	10049057	$157.00
Sampling Line with Quick-Connect, 3-ft polyurethane coiled	10040667	$131.00
Probe, 1-foot	10042621	$218.00
Probe, 3-foot	10042622	$249.00
Probe, 8-inch	10040589	$121.00

Protective Jackets, Boots and Carrying Attachments	Part No.	List Price
Black Rubber Boot (includes harness)	10052514	$138.00
Cordura Jacket (includes harness)	10050122	$101.00
Shoulder Harness only	474555	$33.00
Retractable Carrying Line with Belt Clip	10050976	$87.00

Calibration Gas Kits and Cylinders	Part No.	List Price
Flow Control		
RP .25 lpm Fixed-Flow Regulator Kit (includes tubing & fitting, less gas)	10050984	$346.00
Gas Miser Demand RP Regulator (includes tubing and fitting, less gas)	10050985	$637.00
Combination Regulator Kit (includes tubing and fitting, less gas)	10050986	$525.00
Calibration Fitting	10041558	$73.00
Case Assembly for Calibration Kit, holds two 58 liter cylinders	711192	$147.00
Calibration Gas Cylinders		
4 Gas RP Cylinder	10045035	$410.00
4 Gas Econo-Cal Cylinder	10048280	$276.00
3 Gas Econo-Cal Cylinder (CO)	10048789	$276.00
4 Gas RP, CH4 Cylinder	10048890	$410.00
3 Gas RP, CH4 Cylinder (CO)	813718	$226.00
4 Gas Econo-Cal, CH4 Cylinder	10048981	$276.00
Isobutylene 100 ppm, 34 liters, Econo Cal	10048279	$276.00
Isobutylene 100 ppm, 100 liters	494450	$226.00
Squirt Gas Cylinders, 11 liters		
4 Gas (CH4)	814349	$78.00
4 Gas (LEL)	814559	$78.00
Isobutylene 100 ppm	815704	$76.00

Long-Term Storage Kit
Includes 4-Gas PID, Lithium Ion and Alkaline Battery Packs, Vehicle Charger, 10' sampling line w/ 1' probe, retractable carrying line w/ belt clip, Cordura jacket and black boot, Econo-Cal kit, Data Link w/ software, 4 replacement sensors & PID Lamp, lamp cleaning kit, standard lamp cover and case   10051176 $8,435.00

Datalogging	Part No.	List Price
USB Infrared reader	10082834	$259.00
Datalogging Software/ MSA Link CD	10088099	$62.00

Carrying Cases	Part No.	List Price
Standard Black Plastic Case	710948	$288.00
Premium Black Field Case with foam insert	10052515	$273.00
Long-Term Storage Kit Case with labeled foam insert	10051539	$413.00

Replacement Lamps and Sensors	Part No.	List Price
10.6 eV Lamp	10049692	$522.00
4 Sensor Kit (LEL, O2, CO, H2S)	10051717	$683.00
Combustible Sensor (both LEL and CH4)	10049808	$274.00
Oxygen	10049806	$204.00
Carbon Monoxide	10049804	$190.00
Hydrogen Sulfide	10049805	$190.00
Long-Term Storage Oxygen Sensor (hermetically sealed for 2-year storage)	10049807	$271.00

Approvals and Standards

The Sirius Multigas Detector has been designed to meet the requirements as set forth in Standards UL913 6th edition and CSA 22.2 No. 157 for use in hazardous locations Class I, Division 1, Groups A, B, C and D, Temperature Class T3C, -20°C<Tamb<+50°C. The Sirius Multigas Detector has been designed also to meet the requirements as set forth in the Canadian combustible performance standard CSA 22.2 No. 152 for methane only.

Accessories	Part No.	List Price
Disposable Ionization Chamber	10047463	$106.00
Lamp Cleaning Kit	10049691	$139.00
Filter Replacement Kit with O rings and replacement dust filters	10049680	$51.00
Standard Lamp Cover	10050841	$32.00
Tamper-Proof Lamp Cover	10050750	$35.00
Sirius Multigas Detector Screwdriver	636913	$12.00
Instruction Manual	10048887	$44.00

WARNING

Substitution of components may impair intrinsic safety! Charge instrument in non-hazardous locations only! Read and understand instruction manual before use! To prevent ignition of flammable or combustible atmospheres, read, understand and adhere to the manufacturer's maintenance procedures.

SIRIUS MULTIGAS DETECTOR KITS	PART #	10.6 EV	LEL	02	CO	H2S	LI ION	ALKA BAT	10 FT LINE	1 FT PROBE	RET LINE	BL BOOT	COR JAC	CAL KIT	DATA LOG	BLK CAS	STD CAP	LAMP CL KIT	PRICE
DELUXE LEL 4-GAS LITHIUM ION PID	10051141	X	X	X	X	X	X		X	X	X	X	X	X		X	X		$5,368.00
DELUXE LEL 3-GAS H2S LITHIUM ION PID	10051142	X	X	X		X	X		X	X	X	X	X	X		X	X		$5,162.00
DELUXE LEL 3-GAS CO LITHIUM ION PID	10051143	X	X	X	X		X		X	X	X	X	X	X		X	X		$5,162.00
DELUXE LEL 4-GAS LITHIUM ION PID DATALOG	10051144	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X		$5,747.00
DELUXE LEL 4-GAS LITHIUM ION PID LESS BT/JAC	10051117	X	X	X	X	X	X		X	X	X			X		X	X	X	$5,399.00
INDUSTRIAL LEL 4-GAS LITHIUM ION PID	10051146	X	X	X	X	X	X		X	X	X	X	X			X			$4,610.00
INDUSTRIAL LEL 3-GAS H2S LITHIUM ION PID	10051147	X	X	X		X	X		X	X	X	X	X			X			$4,404.00
INDUSTRIAL LEL 3-GAS CO LITHIUM ION PID	10051148	X	X	X	X		X		X	X	X	X	X			X			$4,404.00
INDUSTRIAL LEL 4-GAS LITHIUM ION PID NO JACKET	10051149	X	X	X	X	X	X		X	X	X	X				X			$4,561.00
INDUSTRIAL LEL 4-GAS LITHIUM ION PID WITH CAL	10051150	X	X	X	X	X	X		X	X				X	X	X	X		$5,615.00
ECONOMY LEL 4-GAS ALKALINE PID	10051151	X	X	X	X	X		X								X			$4,153.00
ECONOMY LEL 3-GAS H2S ALKALINE PID	10051152	X	X	X		X		X								X			$3,948.00
ECONOMY LEL 3-GAS CO ALKALINE PID	10051153	X	X	X	X			X								X			$3,948.00
ECONOMY LEL 4-GAS LITHIUM ION PID	10051154	X	X	X	X	X	X									X			$4,228.00
SIRIUS MULTIGAS DETECTOR KITS																			
DELUXE CH4 4-GAS LITHIUM ION PID	10051177	X	X	X	X	X	X		X	X	X	X	X	X		X	X		$5,368.00
DELUXE CH4 3-GAS H2S LITHIUM ION PID	10051178	X	X	X		X	X		X	X	X	X	X	X		X	X		$5,162.00
DELUXE CH4 3-GAS CO LITHIUM ION PID	10051179	X	X	X	X		X		X	X	X	X	X	X		X	X		$5,542.00
DELUXE CH4 4-GAS LITHIUM ION PID DATALOG	10052511	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X		$5,909.00
INDUSTRIAL CH4 4-GAS LITHIUM ION PID	10051181	X	X	X	X	X	X		X	X	X	X	X			X			$4,610.00
INDUSTRIAL CH4 3-GAS H2S LITHIUM ION PID	10051182	X	X	X		X	X		X	X	X	X	X			X			$4,404.00
INDUSTRIAL CH4 3-GAS CO LITHIUM ION PID	10051183	X	X	X	X		X		X	X	X	X	X			X			$4,404.00
INDUSTRIAL CH4 4-GAS LITHIUM ION PID NO JACKET	10051184	X	X	X	X	X	X		X	X	X	X				X			$4,561.00
ECONOMY CH4 4-GAS ALKALINE PID	10051185	X	X	X	X	X		X								X			$4,185.00
ECONOMY CH4 3-GAS H2S ALKALINE PID	10051186	X	X	X		X		X								X			$3,948.00
ECONOMY CH4 3-GAS CO ALKALINE PID	10051187	X	X	X	X			X								X			$3,948.00
ECONOMY CH4 4-GAS LITHIUM ION PID	10051188	X	X	X	X	X	X									X			$4,228.00

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Prices above are suggested U.S. list prices only and may not apply in international markets. Prices subject to change without prior notification.

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Sirius® Multigas Detector [One PID, Four Gases... Detects Hundreds of Chemicals]:

The Sirius Multigas Detector provides the solution you have looked for in one complete package; incredible performance, maximum simplicity, and durable design all with MSA's commitment to quality.

Tremendous Flexibility: Users are able to simultaneously monitor for volatile organic compounds with low vapor pressures while measuring for combustible, toxic and oxygen deficient atmospheres within one reliable, easy-to-use, durable unit.

Reliable PID performance: Integrating proprietary PID sensor design (patent pending) into our proven reliable multigas detector designs, such as the designs used in the Orion and Solaris 4-gas multigas detectors, make this combination a dependable winner and allows users to get their monitoring done reliably and quickly.

User friendly software: Easy-to-use software allows users to focus on their tasks at hand.

Superior patent pending PID sensor design: Reduces maintenance time and cost.

Flexible configurations: This design combines two instruments into one.

Loud, attention grabbing alarm system: The Sirius Multigas Detector provides outstanding alarms to clearly warn users of a hazardous situation.

Interchangeable lithium-ion and alkaline battery packs: Keep instruments running 24 hours a day, 7 days a week.

Easy calibration and compatibility with MSA's Total Instrument Manager: Increase user safety by easily ensuring proper sensor performance.

Sirius® Multigas Detector Assemble-to-Order (ATO) Options

To select your instrument configuration, select instrument options and mark them in the boxes to the right. To calculate your instrument price, write in the price for each option in the price box to the right and add to the base unit price below.

		Description	Option	Code	Price	Selection	Price
A	PHOTOIONIZATION DETECTOR LAMP OPTION	To choose the standard 10.6 eV lamp for most VOC's, choose selection **A**.	**PID Lamp** PID with 10.6 eV Lamp(0-2000 ppm)	Code A	Price $272.00	Selection	Price $
B	COMBUSTIBLE SENSOR OPTION	To choose to have your MSA 20L combustible sensor reading set to be displayed as 0-100% LEL, enter selection **L**. For a display of 0-5% methane, enter an **M**.	**Combustible Sensor** None 0-100% LEL 0-5% Methane	Code 0 L M	Price $0.00 $195.00 $195.00	Selection	Price $
C	OXYGEN SENSOR OPTIONS	To choose to have an oxygen sensor installed in your new Sirius Multigas Detector, enter selection **1**. For no oxygen sensor, enter a **0**.	**Oxygen Sensor** None Oxygen (0-25%)	Code 0 1	Price $0.00 $184.00	Selection	Price $
D	CARBON MONOXIDE SENSOR OPTION	To choose to have a carbon monoxide sensor installed in your new Sirius Multigas Detector, enter selection **1**. For no carbon monoxide sensor, enter a **0**.	**Carbon Monoxide Sensor** None Carbon Monoxide (0-500 ppm)	Code 0 1	Price $0.00 $207.00	Selection	Price $
E	HYDROGEN SULFIDE SENSOR OPTION	To choose to have a hydrogen sulfide sensor installed in your new Sirius Multigas Detector, enter selection **1**. For no hydrogen sulfide sensor, enter a **0**.	**Hydrogen Sulfide Sensor** None Hydrogen Sulfide (0-100 ppm)	Code 0 1	Price $0.00 $207.00	Selection	Price $
F	BATTERY PACK & CHARGER OPTIONS	You may choose between MSA's lithium ion battery pack which includes a standard lithium ion battery charger, or the convenience of an alkaline battery pack. You may also choose to have both battery pack types included with your new Sirius Multigas Detector.	**Battery Pack/Charger** None Lithium ion, includes charger & cord Replaceable alkaline Both Lithium ion and replaceable alkaline battery packs	Code 0 A B C	Price $0.00 $169.00 $93.00 $260.00	Selection	Price $
G	VEHICLE CHARGER OPTION	If you would like to order the vehicle charger for your new Sirius Multigas Detector, enter selection **1**.	**Vehicle Charger** None Vehicle Charger	Code 0 1	Price $0.00 $217.00	Selection	Price $
H	SAMPLING LINES	MSA's Quick-Connect sampling lines are of the highest quality materials, guaranteed to provide accurate sampling concentrations. Sirius Multigas Detector sampling lines all include a Quick-Connect air-line fitting for easy attachment and tight seal. For sampling jet fuel, enter selection **3** for the 10' sampling line option, or selection **4** for the 25' sampling line option.	**Sampling Lines** None 10-foot polyurethane 25-foot polyurethane 10-foot teflon (for jet fuel sampling) 25-foot teflon (for jet fuel sampling) 3-foot polyurethane coiled	Code 0 1 2 3 4 5	Price $0.00 $68.00 $73.00 $78.00 $89.00 $66.00	Selection	Price $
I	SAMPLING PROBES	MSA's sampling probes are durable & comfortable to use. The built in Water-Stop filter ensures that your sampling system is not contaminated with dirt and debris if the probe tip is dipped in water. You must order a probe if you order a sampling line, as we strongly recommend that you operate the instrument with this filter in place.	**Sampling Probes** None 1-foot Probe 3-foot Probe 8-inch Probe	Code 0 1 2 3	Price $0.00 $139.00 $150.00 $65.00	Selection	Price $
J	CARRYING ATTACHMENTS	While a high-strength stainless steel D-Ring is offered with this instrument at no extra charge, there are three other options for handling the instrument: the retractable carrying line for use with the D-Ring, the shoulder harness and the wrist harness to be used on the user's arm with a Level A suit.	**Carrying Attachments** None Retractable Carrying Line with Belt Clip Shoulder Harness Wrist Harness	Code 0 1 2 3	Price $0.00 $43.00 $23.00 $48.00	Selection	Price $
K	INSTRUMENT JACKETS AND BOOTS	To offer the highest level of of instrument protection, you may choose a protective black rubber boot and harness, or a cordura jacket. You may also order both options by choosing selection **D**.	**Instrument Jacket/Boot** None Black Boot with Harness Cordura Jacket with Harness Black Boot, Cordura Jacket and Harness	Code 0 B C D	Price $0.00 $83.00 $48.00 $133.00	Selection	Price $
L	CALIBRATION KITS	You may choose one of two calibration options for your Sirius Multigas Detector. The fixed-flow .25 lpm regulator includes a multigas calibration cylinder and also an isobutylene calibration gas cylinder if a PID selection is chosen. You may also order just the isobutylene calibration kit with gas cylinder.	**Calibration Kits** None Econo-Cal Fixed-Flow Regulator Calibration Kit (includes multigas and isobutylene cylinders) Model RP Fixed-Flow Regulator Calibration Kit (includes multigas and isobutylene cylinders) Isobutylene Calibration Kit (includes gas cylinder)	Code 0 1 2 3	Price $0.00 $610.00 $690.00 $424.00	Selection	Price $
M	DATA COMMUNICATIONS KIT	If you need to track the readings and operations of your Sirius Multigas Detector, consider ordering the instrument with the optional built-in datalogging module. The option also provides TWA and STEL capabilities.	**Data Communications** None Data Link Module Data Link Module and Software Kit	Code 0 1 2	Price $0.00 $266.00 $372.00	Selection	Price $
N	PACKAGING	Your new Sirius Multigas Detector may be protected by a standard black plastic case, or by a black premium field case. You may also choose the option of a long-term storage kit case for emergency response, large enough to hold the Sirius Multigas Detector, calibration cylinders, spare sensors, spare PID lamp and lithium ion battery pack with charger, spare alkaline battery pack, lamp cleaning kit and simple-to-read and understand refresher instructions.	**Packaging** Standard shipping carton Standard black PVC case Premium black field case Long-term storage kit case Long-term storage kit basic includes PID lamp, add $180 for each combustible sensor, $170 for each oxygen sensor, and $190 for each carbon monoxide and each hydrogen sulfide sensor.	Code 0 1 2 4 5	Price $0.00 $134.00 $103.00 $211.00 $1,692.00	Selection	Price $
O	PID LAMP CAP	The standard easy-access lamp cap is included with your Sirius Multigas Detector at no extra charge. You may also choose a tamper-proof lamp cap.	**PID Lamp Cap** None Standard easy-access lamp cap Alternative tamper-proof lamp cap	Code 0 S T	Price $0.00 $0.00 $0.00	Selection	Price $

Your Model Part Number Please write in selected codes from above in appropriate boxes and contact your safety products distributor to place your order. All pricing in U.S. Dollars.

Add base unit price **$3,021.00**

Selection: A B C D E F G H I J K L M N O

A-SIRIUS-

Total Unit Price = $

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