

**Lightweight**  
Under 8 oz., compact size that makes it easy to wear

**Durable**  
Case with rubberized armor provides superior protection against liquid and dust ingress

**Long-life battery**  
Rechargeable lithium ion battery provides 14+ hours of continuous run-time and delivers best-in-class performance in extreme conditions

**Galaxy Compatible**  
Compatibility for Galaxy automated test system

**Sampling Pump Option**  
Optional powered sampling pump with extensive contaminant filtering system

**Warranty**  
Outstanding 2-year, all-inclusive warranty

**Ergonomic design**  
For maximum comfort

**Alarm System**  
World-class triple alarm system with 100+ decibel audible alarm, multiple high-intensity visual alarm and strong vibrating alarm

**Display features**  
Superior display features simultaneous gas concentration display, backlighting for easy reading and alphanumeric message bar for easy use

Prices effective April 16, 2010

# The Solaris® Multigas Detector

## Assemble-To-Order System and Pricing Guide

### Includes Solaris with Alkaline Batteries



#### Approvals/Replacement Parts/Kits

Sensors	Part No.	List Price	Multi Unit (10) Charger Options	Part No.	List Price	Sampling Accessories	Part No.	List Price
Replacement CO Sensor	10046944	\$149.00	Multi Unit Power Supply	10069498	\$451.00	Universal Pump Probe, UL Approval	10046528	\$425.00
Replacement H <sub>2</sub> S Sensor	10046945	\$149.00	Solaris Multi Unit Charge Station (cradles not included)	10069856	\$728.00	Universal Pump Probe, CSA Approval	10055576	\$425.00
Replacement NO <sub>2</sub> Sensor	10059040	\$239.00	Solaris Multi Unit Charge Station (10 Solaris cradles included)	10069857	\$1,475.00	Solaris Aspirator Assembly	10050333	\$80.00
Replacement O <sub>2</sub> Sensor	10046946	\$160.00	<b>Replacement Parts</b>	10044994	\$20.00	Metal Fitting for Universal Pump Probe	10059116	\$19.00
Replacement Combustible Sensor	10046947	\$213.00	Calibration cap	637266	\$4.00	<b>Sample line</b>	10053795	\$56.00
Replacement Combustible Sensor (FX)	10055612	\$213.00	Calibration cap fitting	10046042	\$8.00	5 foot polyurethane	10053794	\$59.00
4 Sensor replacement kit (O <sub>2</sub> /CO/H <sub>2</sub> S/FX)	10055613	\$478.00	Horn chamber protective insert	10066049	\$16.00	10 foot polyurethane	10047370	\$63.00
4 Sensor replacement kit (O <sub>2</sub> /CO/H <sub>2</sub> S/20L)	10049406	\$478.00	Suspender stainless steel attachment clip	10068059	\$133.00	25 foot polyurethane	10047349	\$96.00
4 Sensor replacement kit (O <sub>2</sub> /CO/20L/NO <sub>2</sub> )	10059039	\$558.00	Horn cap repair kit	10049053	\$56.00	50 foot polyurethane	10047392	\$96.00
<b>Power Supply</b>	<b>Part No.</b>	<b>List Price</b>	<b>Carrying Case</b>	<b>Part No.</b>	<b>List Price</b>	<b>Datalogging</b>	<b>Part No.</b>	<b>List Price</b>
Charger Cradle Assembly	10048185	\$88.00	Cordura Jacket (Orange)	10054586	\$63.00	USB Infrared reader	10082834	\$197.00
North American Power Supply	10047342	\$32.00	Cordura Jacket (Black w/velcro jacket)	10064766	\$82.00	Datalogging Software MSA Link CD	10088099	\$48.00
Global Power Supply	10047343	\$42.00	Leather Case	10070855	\$56.00	<b>Calibration Accessories</b>	<b>Part No.</b>	<b>List Price</b>
Vehicle Charger	10049410	\$110.00	Cordura Jacket for Solaris Alkaline			Calibration Cap Assembly	10044995	\$26.00
						Regulator, .25 LPM, Model RP	467895	\$193.00
						Metal Fitting for Calibration	10047392	\$18.00

All kits include a Solaris with datalogging option included,* calibration cap assembly and instruction manual on CD-rom.	Standard Solaris		Solaris with Alkaline Batteries	
	Part No.	Price	Part No.	Price
<b>Standard Kits (includes datalogging option)*</b>				
4-Gas Instrument	10048147	\$987.00	10071215	\$937.00
3-Gas (LEL, O <sub>2</sub> , CO)	10048149	\$917.00	10071216	\$867.00
2-Gas (LEL, O <sub>2</sub> )	10048214	\$847.00	10071217	\$797.00
<b>Industrial Kits (includes econo-cal kit &amp; datalogging option)*</b>				
4-Gas Instrument	10071188	\$1,287.00	10071218	\$1,257.00
3-Gas (LEL, O <sub>2</sub> , CO)	10071189	\$1,217.00	10071219	\$1,167.00
2-Gas (LEL, O <sub>2</sub> )	10071190	\$1,147.00	10071220	\$1,097.00
<b>Deluxe Kits (includes sampling pump, econo-cal kit &amp; datalogging option)*</b>				
4-Gas Instrument	10049297	\$1,616.00	-	-
3-Gas (LEL, O <sub>2</sub> , CO)	10049298	\$1,546.00	-	-
2-Gas (LEL, O <sub>2</sub> )	10049300	\$1,477.00	-	-

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

\* To download the Solaris data the MSA data docking module (10082834) 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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For further information:

Part No.	Calibration Cylinders RP (58 Liter)								List Price
	Pentane Standard 1.45%	Methane Standard 2.5%	15% Oxygen	60 ppm CO	20 ppm H <sub>2</sub> S	10 ppm NO <sub>2</sub>	100 ppm Isobutylene		
10045035	X		X	X	X			\$353.00	
10048788	X		X		X			\$353.00	
10058034	X		X			X		\$353.00	
478191	X		X	X				\$193.00	
10048890		X	X	X	X			\$353.00	
10048889		X	X		X			\$353.00	
813718		X	X	X				\$193.00	
10058171		X	X	X		X		\$353.00	
494450							X	\$193.00	

Part No.	Calibration Cylinders Econocal (34 Liter)								List Price
	Pentane Standard 1.45%	Methane Standard 2.5%	15% Oxygen	60 ppm CO	20 ppm H <sub>2</sub> S	10 ppm NO <sub>2</sub>	100 ppm Isobutylene		
10048280	X		X	X	X			\$236.00	
10048789	X		X	X				\$236.00	
10048790	X		X		X			\$236.00	
10058036	X		X	X		X		\$236.00	
10048981		X	X	X	X			\$236.00	
10048888		X	X		X			\$236.00	
10058172		X	X	X		X		\$236.00	
10049056		X	X	X				\$236.00	
10048279							X	\$236.00	

# Solaris® Multigas Detector Assemble-to-Order (ATO) Options

- To create your instrument configuration, select the instrument option code and mark them in the selection boxes to the right.
- To calculate your instrument price, write in the price for each option in the price boxes to the right, add up the total, and write it in the "Total Unit Price" box below.

<b>A.</b> <b>Datalog Options</b>	The datalog option enables the Solaris Multigas Detector to store exposure data for easy retrieval at a later time. To download the Solaris data the MSA datalog kit (p/n 710946) must also be purchased. Datalog option is now standard.	<b>Datalog Options</b> Standard rechargeable instrument (includes Datalogging) Standard Alkaline instrument (includes Datalogging)	<b>Code</b> D B	<b>Price</b> \$657.00 \$607.00	<b>Selection</b> <input type="checkbox"/> <input type="checkbox"/>	<b>Price</b> <input type="text"/> <input type="text"/>
<b>B.</b> <b>Combustible Sensor Options</b>	If a combustible gas sensor is desired, two options are available: 0-100% LEL or 0-5% CH <sub>4</sub> .	<b>Combustible Sensor Options</b> None 0-100% LEL 0-5% CH <sub>4</sub>	<b>Code</b> 0 L M	<b>Price</b> \$0.00 \$70.00 \$70.00	<b>Selection</b> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<b>Price</b> <input type="text"/> <input type="text"/> <input type="text"/>
<b>C.</b> <b>Oxygen Sensor Options</b>	To choose to have an oxygen sensor installed in your new Solaris Multigas Detector, choose selection 1. For no oxygen sensor, enter a "0".	<b>Oxygen Sensor Options</b> None O <sub>2</sub> Sensor	<b>Code</b> 0 1	<b>Price</b> \$0.00 \$70.00	<b>Selection</b> <input type="checkbox"/> <input type="checkbox"/>	<b>Price</b> <input type="text"/> <input type="text"/>
<b>D.</b> <b>Toxic Sensor 1 Options</b>	To choose to have a carbon monoxide sensor installed in your new Solaris Multigas Detector, choose selection 1. For no carbon monoxide sensor, enter a "0"	<b>Toxic Sensor 1 Options</b> None CO Sensor	<b>Code</b> 0 1	<b>Price</b> \$0.00 \$70.00	<b>Selection</b> <input type="checkbox"/> <input type="checkbox"/>	<b>Price</b> <input type="text"/> <input type="text"/>
<b>E.</b> <b>Toxic Sensor 2 Options</b>	To choose to have a hydrogen sulfide sensor installed in your new Solaris Multigas Detector, choose selection 1. For no hydrogen sulfide sensor, enter a "0". To choose to have a NO <sub>2</sub> sensor installed, choose 3. For no NO <sub>2</sub> sensor, choose 2.	<b>Toxic Sensor 2 Options</b> None (H <sub>2</sub> S Sensor not installed) H <sub>2</sub> S Sensor None (NO <sub>2</sub> Sensor not installed) NO <sub>2</sub> Sensor	<b>Code</b> 0 1 2 3	<b>Price</b> \$0.00 \$70.00 \$0.00 \$170.00	<b>Selection</b> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<b>Price</b> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
<b>F.</b> <b>Battery Charging Options</b>	A Solaris-specific battery charger must be used to recharge the batteries in the Solaris unit. Global battery charger comes with several international plug outlet configurations for countries outside of North America. For the Solaris with alkaline batteries, choose option "0"	<b>Battery Charging Options</b> None North American outlet-compatible Global outlet-compatible	<b>Code</b> 0 N G	<b>Price</b> \$0.00 \$50.00 \$60.00	<b>Selection</b> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<b>Price</b> <input type="text"/> <input type="text"/> <input type="text"/>
<b>G.</b> <b>Instrument Approvals</b>	It is now possible to select the specific type of approval that a Solaris instrument possesses. The Solaris UL approval is recommended for the United States and Mexico. The Solaris CSA approval label is recommended for Canada. For the Solaris with alkaline batteries, choose option "A" for United States, Canada and Mexico.	<b>Instrument Approvals</b> Underwriters Laboratory (UL) CSA CSA/US (Alkaline Version)	<b>Code</b> U C A	<b>Price</b> \$0.00 \$0.00 \$0.00	<b>Selection</b> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<b>Price</b> <input type="text"/> <input type="text"/> <input type="text"/>
<b>H.</b> <b>Sampling Pump</b>	It is now possible to combine the sampling pump and probe for the Solaris unit into one easy-to-use accessory. The pump probe is very versatile and can be attached to the Solaris instrument in seconds. The built-in Water Stop filter helps to ensure the sampling system is not contaminated with dirt and debris during use.	<b>Sampling Pump</b> None Universal pump probe	<b>Code</b> 0 1	<b>Price</b> \$0.00 \$329.00	<b>Selection</b> <input type="checkbox"/> <input type="checkbox"/>	<b>Price</b> <input type="text"/> <input type="text"/>
<b>I.</b> <b>Calibration Kits</b>	MSA provides two options for performing instrument calibration. The cost-effective Econo-Cal (34 liter) cylinder and fixed flow regulator provides an economical means to calibrate the Solaris instrument. The Model RP calibration kit also has a fixed flow 0.25 lpm regulator and provides the user with a larger capacity (58 liter) calibration gas cylinder.	<b>Calibration Kit Options</b> None Econo-Cal Calibration Kit Model RP Calibration Kit	<b>Code</b> 0 1 2	<b>Price</b> \$0.00 \$300.00 \$400.00	<b>Selection</b> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<b>Price</b> <input type="text"/> <input type="text"/> <input type="text"/>

**Your Model Part Number** Please write in numbers from selections above in appropriate boxes and contact your Safety Products Distributor to place your order.

Selection ... **A** **B** **C** **D** **E** **F** **G** **H** **I**  
 A-SOLARIS-  -  -  -  -  -  -  -  -

Total Unit Price = \$

**All Pricing is in US Dollars**