

Lightweight

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

Prices effective October 1, 2008



Durable

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

The Solaris® MSHA Multigas Detector Assemble-To-Order System and Pricing Guide

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



Approvals/Replacement Parts/Kits

Sensors	Part No.	List Price	Replacement Parts	Part No.	List Price	Datalogging	Part No.	List Price
Replacement CO Sensor	10046944	\$142.80	Calibration cap	10044994	\$18.62	USB Infrared reader	10082834	\$188.70
Replacement H ₂ S Sensor	10046945	\$142.80	Calibration cap fitting	637266	\$3.00	Datalogging Software MSA Link CD	10088099	\$45.90
Replacement NO ₂ Sensor	10059040	\$229.59	Horn chamber protective insert	10046042	\$7.09			
Replacement O ₂ Sensor	10046946	\$153.00	Suspender stainless steel attachment clip	10066049	\$14.54			
Replacement Combustible Sensor	10046947	\$204.00	Horn cap repair kit	10068059	\$127.50			
4 Sensor replacement kit (CO/H ₂ S/O ₂ /Comb)	10049406	\$459.00				Calibration Accessories	Part No.	List Price
4 Sensor replacement kit (NO ₂ /CO/O ₂ /Comb)	10059039	\$535.50				Calibration Cap Assembly	10044995	\$24.48
						Regulator, .25 LPM, Model RP	467895	\$184.62
			Carrying Case	Part No.	List Price	Metal Fitting for Calibration	10047392	\$16.31
			Cordura Jacket (Orange)	10049053	\$53.04			
			Cordura Jacket (Black w/velcro jacket)	10054586	\$60.18	Sample line	Part No.	List Price
			Leather Case	10064766	\$78.54	5 foot polyurethane	10053795	\$53.04
			Cordura Jacket for Solaris Alkaline	10070855	\$53.04	10 foot polyurethane	10053794	\$56.10
						25 foot polyurethane	10047370	\$60.18
						50 foot polyurethane	10047349	\$91.80
Power Supply	Part No.	List Price						
Charger Cradle Assembly	10048185	\$83.64						
North American Power Supply	10047342	\$29.58						
Vehicle Charger	10049410	\$151.98						
Multi Unit (10) Charger Options	Part No.	List Price	Sampling Accessories	Part No.	List Price			
Multi Unit Power Supply	10069498	\$433.50	Universal Pump Probe, MSHA Approval	10047595	\$406.98			
Solaris Multi Unit Charge Station (cradles not included)	10069856	\$698.70	Solaris Aspirator Assembly	10050333	\$76.50			
Solaris Multi Unit Charge Station (10 Solaris cradles included)	10069857	\$1,417.80	Metal Fitting for Universal Pump Probe	10059116	\$18.26			

All kits include a MSHA Approved Solaris with datalogging option included, calibration cap assembly and instruction manual on CD-rom.

	Standard Solaris MSHA	
Standard Kits (includes datalogging option)*	Part No.	Price
4-Gas (CH ₄ , O ₂ , CO, NO ₂)	10070963	\$943.00
4-Gas (CH ₄ , O ₂ , CO, H ₂ S)	10070857	\$843.00
3-Gas (CH ₄ , O ₂ , CO)	10070859	\$773.00
2-Gas (CH ₄ , O ₂)	10070962	\$703.00

Calibration Cylinders RP (58 Liter)

Part No.	Pentane Standard 1.45%	Methane Standard 2.5%	15% Oxygen	60 ppm CO	20 ppm H ₂ S	10 ppm NO ₂	100 ppm Isobutylene	List Price
10045035	X		X	X	X			\$337.62
10048788	X		X		X			\$337.62
10058034	X		X			X		\$337.62
478191	X		X	X				\$184.62
10048890		X	X	X	X			\$337.62
10048889		X	X		X			\$337.62
813718		X	X	X				\$184.62
10058171		X	X	X		X		\$337.62
494450							X	\$184.62

Calibration Cylinders Econocal (34 Liter)

Part No.	Pentane Standard 1.45%	Methane Standard 2.5%	15% Oxygen	60 ppm CO	20 ppm H ₂ S	10 ppm NO ₂	100 ppm Isobutylene	List Price
10048280	X		X	X	X			\$225.42
10048789	X		X	X				\$225.42
10048790	X		X		X			\$225.42
10058036	X		X	X		X		\$225.42
10048981		X	X	X	X			\$225.42
10048888		X	X		X			\$225.42
10058172		X	X	X		X		\$225.42
10049056		X	X	X				\$225.42
10048279							X	\$225.42

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 (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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Offices and representatives worldwide
For further information:



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

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

A. Datalog Options	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.	Datalog Options Standard rechargeable instrument (includes Datalogging)	Code D	Price \$513.00	Selection <input type="checkbox"/>	Price \$ <input type="text"/>
B. Combustible Sensor Options	If a combustible gas sensor is desired, choose option "M".	Combustible Sensor Options None 0-5% CH ₄	Code 0 M	Price \$0.00 \$70.00	Selection <input type="checkbox"/>	Price \$ <input type="text"/>
C. Oxygen Sensor Options	To choose to have an oxygen sensor installed in your new Solaris Multigas Detector, choose selection 1. For no oxygen sensor, enter a "0".	Oxygen Sensor Options None O ₂ Sensor	Code 0 1	Price \$0.00 \$70.00	Selection <input type="checkbox"/>	Price \$ <input type="text"/>
D. Toxic Sensor 1 Options	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".	Toxic Sensor 1 Options None CO Sensor	Code 0 1	Price \$0.00 \$70.00	Selection <input type="checkbox"/>	Price \$ <input type="text"/>
E. Toxic Sensor 2 Options	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 ₂ sensor installed, choose 3. For no NO ₂ sensor, choose 2.	Toxic Sensor 2 Options None (H ₂ S Sensor not installed) H ₂ S Sensor None (NO ₂ Sensor not installed) NO ₂ Sensor	Code 0 1 2 3	Price \$0.00 \$70.00 \$0.00 \$170.00	Selection <input type="checkbox"/>	Price \$ <input type="text"/>
F. Battery Charging Options	A Solaris-specific battery charger must be used to recharge the batteries in the Solaris unit.	Battery Charging Options None North American outlet-compatible	Code 0 N	Price \$0.00 \$50.00	Selection <input type="checkbox"/>	Price \$ <input type="text"/>
G. Sampling Pump	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.	Sampling Pump None Universal pump probe	Code 0 1	Price \$0.00 \$329.00	Selection <input type="checkbox"/>	Price <input type="text"/>
H. Calibration Kits	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.	Calibration Kit Options None Econo-Cal Calibration Kit Model RP Calibration Kit	Code 0 1 2	Price \$0.00 \$300.00 \$400.00	Selection <input type="checkbox"/>	Price \$ <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-SOLMSHA- - - - - - - - -

Total Unit Price = \$

All Pricing is in US Dollars