

Solaris® Multigas Detector (MSHA)

Assemble-To-Order System



Approvals and Standards/Kits/Replacement Parts

SENSORS	PART NO.
REPLACEMENT CO SENSOR	10046944
REPLACEMENT H2S SENSOR	10046945
REPLACEMENT NO2 SENSOR	10059040
REPLACEMENT O2 SENSOR	10046946
REPLACEMENT COMBUSTIBLE SENSOR	10046947
4 SENSOR REPLACEMENT KIT (CO/H2S/O2/COMB)	10049406
4 SENSOR REPLACEMENT KIT (NO2/CO/O2/COMB)	10059039
POWER SUPPLY	PART NO.
CHARGER CRADLE ASSEMBLY	10048185
NORTH AMERICAN POWER SUPPLY	10047342
VEHICLE CHARGER	10049410
MULTI UNIT (10) CHARGER OPTIONS	PART NO.
MULTI-UNIT POWER SUPPLY	10069498
SOLARIS MULTI-UNIT CHARGE STATION (CRADLES NOT INCLUDED)	10069856
SOLARIS MULTI-UNIT CHARGE STATION (10 SOLARIS CRADLES INCLUDED)	10069857
REPLACEMENT PARTS	PART NO.
CALIBRATION CAP	10044994
CALIBRATION CAP FITTING	637266
HORN CHAMBER PROTECTIVE INSERT	10046042
SUSPENDER STAINLESS STEEL ATTACHMENT CLIP	10066049
HORN CAP REPAIR KIT	10068059
CARRYING CASE	PART NO.
CORDURA JACKET (ORANGE)	10049053
CORDURA JACKET (BLACK W/VELCRO JACKET)	10054586
LEATHER CASE	10064766
SAMPLING ACCESSORIES	PART NO.
UNIVERSAL PUMP PROBE, MSHA APPROVAL	10047595
SOLARIS ASPIRATOR ASSEMBLY	10050333
METAL FITTING FOR UNIVERSAL PUMP PROBE	10059116

DATALOGGING	PART NO.
USB INFRARED READER	10082834
DATALOGGING SOFTWARE MSA LINK CD	10088099
CALIBRATION ACCESSORIES	PART NO.
CALIBRATION CAP ASSEMBLY	10044995
REGULATOR, .25 LPM, MODEL RP	467895
METAL FITTING FOR CALIBRATION	10047392
SAMPLE LINE	PART NO.
5-FOOT POLYURETHANE	10053795
10-FOOT POLYURETHANE	10053794
25-FOOT POLYURETHANE	10047370
50-FOOT POLYURETHANE	10047349

ALL KITS INCLUDE A MSHA APPROVED SOLARIS DETECTOR WITH DATALOGGING OPTION, CALIBRATION CAP ASSEMBLY AND INSTRUCTION MANUAL ON CD-ROM.	STANDARD SOLARIS MSHA
STANDARD KITS (INCLUDES DATALOGGING OPTION)	PART NO.
4-GAS (CH ₄ , O ₂ , CO, NO ₂)	10070963
4-GAS (CH ₄ , O ₂ , CO, H ₂ S)	10070857
3-GAS (CH ₄ , O ₂ , CO)	10070859
2-GAS (CH ₄ , O ₂)	10070962

CALIBRATION CYLINDERS RP (58 LITER)					
PART NO.	METHANE STANDARD 2.5%	15% OXYGEN	60 PPM CO	20 PPM H ₂ S	10 PPM NO ₂
10048890	X	X	X	X	
10048889	X	X		X	
10058171	X	X	X		X

CALIBRATION CYLINDERS ECONOCAL (34 LITER)					
PART NO.	METHANE STANDARD 2.5%	15% OXYGEN	60 PPM CO	20 PPM H ₂ S	10 PPM NO ₂
10048981	X	X	X	X	
10048888	X	X		X	
10058172	X	X	X		X
10049056	X	X	X		

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

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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 Phone 1-800-MSA-2222
 Fax 1-800-967-0398

MSA Canada
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 Fax 1-800-967-0398
MSA Mexico
 Phone 01-800-672-7222
 Fax 52-44 2227 3943



The Solaris® Multigas Detector (MSHA):

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 readout, backlighting for easy reading and alphanumeric message bar for detailed information



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

To select your configuration, select instrument options and mark the code in the selection boxes to the right.

A	DATALOG OPTIONS	The datalog option enables the Solaris Multigas Detector to store exposure data for easy retrieval at a later time. Datalog option is now standard.	Datalog Options Standard rechargeable instrument (includes Datalogging)	Code D	Selection D
B	COMBUSTIBLE SENSOR OPTIONS	If a combustible gas sensor is desired, choose option M.	Combustible Sensor Options None 0-5% CH4	Code 0 M	Selection
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 O2 Sensor	Code 0 1	Selection
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	Selection
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 NO2 sensor installed, choose 3. For no NO2 sensor, choose 2.	Toxic Sensor 2 Options None (H2S Sensor not installed) H2S Sensor None (NO2 Sensor not installed) NO2 Sensor	Code 0 1 2 3	Selection
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	Selection
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	Selection
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	Selection

Your Model Part Number

Please write in selected codes from above in appropriate boxes and contact your safety products distributor to place your order.

Selection A B C D E F G H

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