



The Safety Company

MSA • 1000 Cranberry Woods Drive • Cranberry Twp. PA 16066

MultiGard Controller – Order Form



	SLC-500 Processor	Sample Points	Display	Sensor(s) Analyzer(s)	Flow System	Pump	Contacts	Alarm Printer	RDD	RDD Quantity	Custom Options																																																				
B-MG				S1 S2 S3 S4																																																											
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MultiGard Controller – Order Form (con't)

0

SLC-500 Processor

- A. 5/04
- B. 5/05

1

Sample Point

- A. 8
- B. 16
- C. 24
- D. 32
- E. Dual 8
- F. Dual 16

*Includes: *NEMA 12 enclosure, display, flow failure, normally energized trouble relay, 3 alarm relays, auto standardization, adjustable dwell time per point, pump for up to 500' each point.
End-of-line filters are not included.**

*Dual 8 and Dual 16 are general purpose.

3

Sensor/Analyzer

- 0. None
 - A. Combustible Sensors
 - B. Electrochemical Sensors
 - C. Chillgard RT or Chemgard Platform
 - D. Ultima XIR
 - E. Other
- Max. of four (4) inputs. If less, use zeroes.
Example: A 0 0 0

For codes 2 and 4-10, see options below.

For GP Applications
For XP Applications contact MSA
Not compatible with Cl₂

OPTIONS			
MultiGard Code	Number of sampling Points		
	8/16	24/32	Dual 8/Dual 16
DISPLAY B – 10.5" TFT Color		No Charge	No Charge
FLOW SYSTEMS S – Standard C – Corrosion Resistance	No Charge (8) (16)	No Charge (24) (32)	No Charge (D8) (D16)
PUMP 1. Internal Mini Dia-vac 2. External Mini Dia-vac 3. External Dia-vac	No Charge	No Charge	No Charge
COUSTOMER CONTACTS (MAX OF 64) <i>Form C Discrete Contact:</i> 16 Warning & 16 Alarm 32 Warning & 32 Alarm			
PRINTER 1. None 2. Alarm Printer			
REMOTE DATA DISPLAY (RDD) 0 – None B - 10.5" TFT color			
REMOTE DATA DISPLAY QUANTITY Enter Quantity			
SYSTEM INTEGRATION 0 – None C - See Table 2	Consult Factory	Consult Factory	Consult Factory

Note: Discount 15% - consult factory



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Multigard Controller – Con't

Table 1: Pump/Sample Line Selection

PUMP	¼ OD Tubing	3/8 OD Tubing
Code 1 or 2	Up to 500 ft. per point	Up to 750 ft. per point
Code 3	Not recommended	Up to 1200 ft. per point*
*Consult factory for sample line requirements that exceed 1200 ft.		

Table 2: Custom Options

Analog Outputs
XP Flow System
220 VAC, 50/60 Hz
System Integration
SCADA Integration
*Provide factory with application details. Consult factory for other custom requirements.

Accessories

10018820	Kit, End of Line Filter*
10018819	Replacement EOL Filter**
CSK 3103-388	Kit, In-the-line Filter*
10011857	Replacement, In-the-line Filter
029207	1/4 OD 0.17 ID Nylon Tubing
10018514	1/4 OD 3/16 ID Teflon Tubing***
SM	Regulator, 2-stage, 0-3000 psi input for span cylinders
SM	Regulator & Flowmeter Assembly 0-3000 psi input for span cylinders
SM	Regulator, SS for NO2 cylinder

Regulators for Air Cylinders, 0.940 Thread, CGA 590

SM	0-80 psig775
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Regulators for Nitrogen Zero Cylinders, CGA 580

SM	Regulator, CGA
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Cylinders

SM	200 cu. ft. Cylinder filled with a two component mixture
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* Kit includes filter, support bracket and fittings for ¼ & 3/8 OD tubing. (No support bracket is included with the In-the-line Filter)

** Filter with water shield, ¾ NPT (F) port

***Tubing with smaller than indicated ID is not recommended.