

# MSA Chemgard® Gas Monitor

## for Chemical Processing Applications Requiring Elevated Temperature Control



### System Contents

- › Explosion-proof Chemgard Gas Monitor, insulated to reduce heat loss
- › Three heaters mounted internally behind the instrument subpanel

**Note:** This is a representative description of this product and its potential applications. Contact MSA Custom Products at [customproducts@MSAnet.com](mailto:customproducts@MSAnet.com) for information on customizing this unit to fit a specific need.

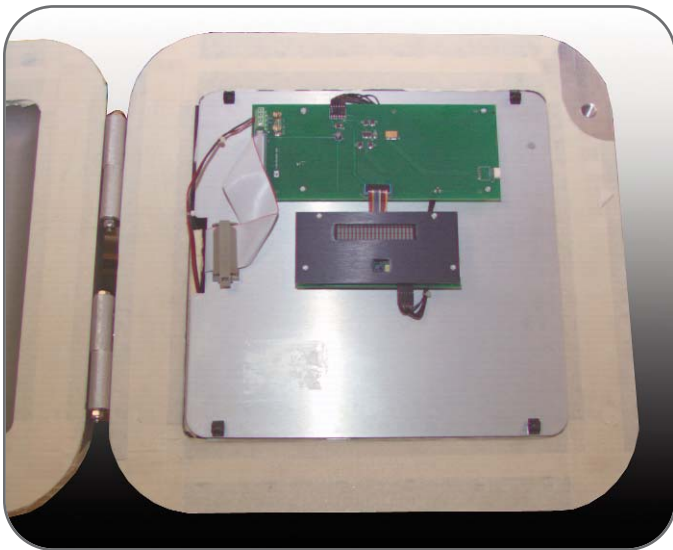
### Application

Specialized pharmaceutical chemical processing applications use certain solvents (e.g. Isopar G) that must be maintained at an elevated temperature so that they remain in vapor form. The process must be controlled, and the gas monitored, to prevent solvent vapors from approaching the explosive range.

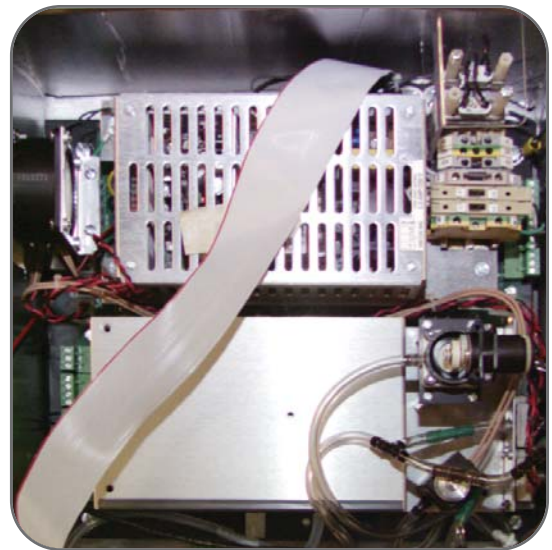
To prevent the solvent from condensing when extracted, MSA's Chemgard Gas Monitor is heated and fitted with heat-traced sample lines. The application of heat to both sample lines and monitor allows the solvent to be maintained in vapor form, eliminating costly solvent disposal and providing accurate gas readings.

## Specifications

Temperature Range (operating and storage)	-5 to 122°F (-21 to 50°C)
Power Supply	120 VAC ± 10%, 0.56 amps 240 VAC ± 10%, 0.3 amps
Signal Output	4 to 20 mA into 250 ohm load 0 to 10 volt
Relay Contacts	3 relays at 8 amps resistive
Enclosure	Explosion-proof for Class 1, Division 1, Groups B, C, D
Hazardous Area Rating	Class 1, Division 1, Groups B, C, D
Dimensions	19 1/8" H x 19 1/8" W x 9" D (48.6 cm x 48.6 cm x 24 cm)
Weight	100 lbs (45.35 kg)



Display panel



Interior

**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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