



MSA Chemgard™ Gas Monitor

[for Chemical Processing Applications
Requiring Elevated Temperature Control]

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 the solvent vapors from approaching the explosive range.

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

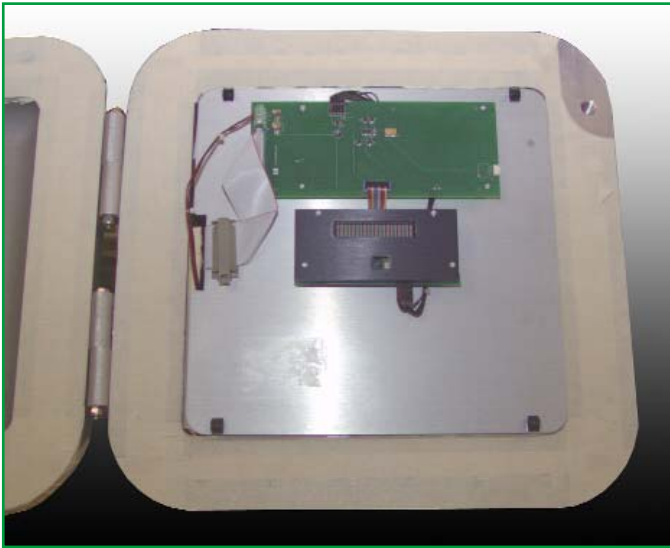
System Contents

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

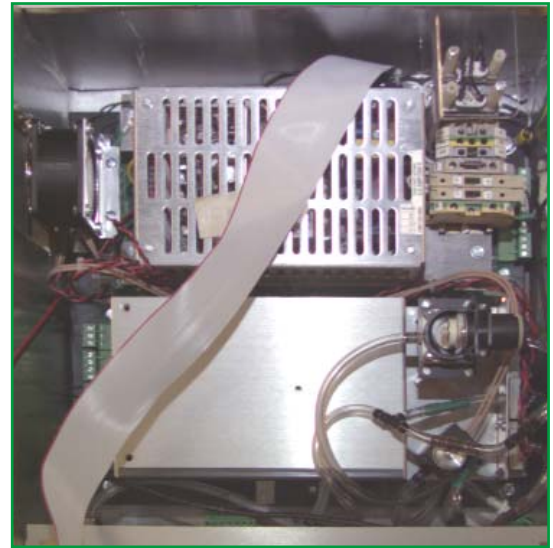
Note: This is a representative description of this product and its potential applications. Contact MSA Custom Products at customproducts@MSAnet.com for information on customizing this unit to fit a specific need.

Specifications

Temperature Range (Operating and Storage):	-5 to 122°F (-21 to 50°C)
Power Supply:	120 VAC +/- 10 %, 0.56 amps, or 240 VAC +/-10 %, 0.3 amps
Signal Output:	4 to 20 mA into a 250 ohm load, 0 to 10 volt
Relay Contacts:	three relays at eight amps resistive
Enclosure:	explosion-proof for Class 1, Division I Groups B, C, D
Hazardous Area Rating:	Class 1, Division I 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 Data Sheet contains only a general description of the product shown. While uses and performance capabilities are described, under no circumstances should the product be used except by qualified, trained personnel, and not until the instructions, labels or other literature accompanying the product have been carefully read and understood and the precautions therein set forth followed. Only they contain the complete and detailed information concerning this product.

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