



## *News Announcement*

### **from the MSA Instrument Division**

MSA (Mine Safety Appliances Company), Pittsburgh, Pa.

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*For Immediate Release*

### **MSA Introduces Chemgard™ Infrared Gas Monitor**

The Chemgard Infrared Gas Monitor from the MSA Instrument Division is a complete, flexible platform for monitoring toxic and combustible gases for a multitude of applications.

The Chemgard Monitor features advanced photoacoustic infrared sensing technology, which is a high-performance, low-cost gas detection method. Photoacoustic IR technology is the method of choice for low parts-per-million (ppm) or parts-per-billion (ppb) monitoring of a wide array of industrial compounds. It is extremely stable, with virtually no zero drift, and it greatly reduces interference effects from background gases and humidity. The Chemgard Monitor's ability to detect a variety of gases at a variety of concentration ranges makes it the ideal instrument for a multitude of industrial settings and applications.

MSA's Chemgard Monitor detects nearly 100 major industrial compounds, including heat transfer fluids, petrochemicals, solvents, halons, intermediates, fuel vapors, cleaning agents (including new compounds used in the semiconductor industry) and many other agents common to the chemical industry. Monitoring ranges from as low as 0-10 ppm—with detection sensitivity

as low as 10 ppb for some applications—to as much as 100% by volume are possible for a variety of gases.

In addition to its photoacoustic IR sensor, the Chemgard Monitor features an electrochemical or catalytic bead auxiliary sensor option, enabling the monitor to detect oxygen, carbon monoxide or combustible gas levels while simultaneously detecting one of over 100 infrared-active compounds. The auxiliary sensor gas concentration can be monitored through the unit display or a 4-20 mA analog output. The sensor fits conveniently inside the standard Chemgard Monitor enclosure.

The Chemgard Infrared Gas Monitor is available in a NEMA 4 wall mount, a 19” rack-mount, or an explosion-proof enclosure, all with four, front-panel button controls. Each version can monitor from one to eight sample point locations and provides three levels of alarm control.

For a copy of the **Chemgard Infrared Gas Monitor Data Sheet, #07-2033**, dial 1-800-672-4678, Ext. 8731, or write to MSA Instrument Division, P. O. Box 427, Pittsburgh, Pa. 15230-0427. For more information on this and other MSA high-quality products, visit our web site at:

[www.MSAnet.com](http://www.MSAnet.com)

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