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New SM100 Sampling Pump Module Simplifies Gas Monitoring in Remote Areas

*Ideal for Wet Wells, Aluminum Smelting, Emissions Monitoring of Soil Samples,
Landfill Gas Monitoring, Printing Press Operations, Wastewater Treatment*

LAKE FOREST, CA—April 25, 2012—The new [SM100 Sampling Pump Module](#) from [General Monitors](#) draws combustible or toxic gases at 0.05 to 1 LPM from monitored areas to a gas detector, making it easier and cost effective to measure potentially hazardous gases in areas that are too remote, inaccessible, or too cold, hot, or wet for direct sensor monitoring.

The user-friendly SM100 Sampling Pump Module supplies gas for up to three gas detectors, which is useful for monitoring multiple gases in a single line. The SM100 features a low flow indicator, which informs the end user if flow is insufficient for gas detection. It also includes a trouble relay that provides a local signal indication of the low flow condition.

The SM100 Sampling Pump Module reduces plant operating costs by simplifying operation and maintenance. Its rugged design and 316-stainless steel construction make it suitable for gas detection service in a variety of harsh industrial environments. Areas particularly suited for monitoring with the SM100 include ducts carrying combustible or toxic gas, wet wells, sewage dryers, printing drying ovens, and storage tanks.

The SM100 is available in two configurations, an aspirated model that is used with a compressed air source and a DC pump module. The aspirated model is designed for use with instrument grade aspirator air, up to a max aspirator pressure of 30 psig (206 kPa).

The SM100 operates at a wide temperature range of -4°F to +131°F (-20°C to +55°C) and at a humidity range of 15-95% RH, non-condensing. Its enclosure is C-UL-US approved and designed for use in Class I, Div. 1, Groups A, B, C & D.

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Data Sheet: http://www.generalmonitors.com/downloads/literature/general/SM100_DATA.PDF

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