Simplified Gas Monitoring in Remote Areas

The 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 more 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 company says that the user-friendly SM100 also delivers:

- The power to supply gas for up to 3 gas detectors, which is useful for monitoring multiple gases in a single line.
- A low-flow indicator to inform you if flow is insufficient for gas detection, plus a trouble relay that provides a local signal indication of the low-flow condition.
- 316 stainless steel construction, which makes the unit suitable for gas detection service in a variety of harsh industrial environments.
- An operating temperature range from -4° to 131°F (-20° to 55°C) and a humidity range from 15 to 95 percent RH, non-condensing.
- Availability of 2 configurations — an aspirated model, which is used with a compressed air source and is designed for use with instrument-grade aspirator air, up to a max aspirator pressure of 30 PSIG (206 kPa), and a DC pump module.
- The ability to reduce plant operating costs by simplifying operation and maintenance.
- Suitability for wet wells, aluminum smelting, emissions monitoring of soil

samples, landfill gas monitoring, wastewater treatment and more.
- A C-UL-US-approved enclosure and approval for use in Class I, Div. 1, Groups A, B, C & D.

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