

# Emerson Introduces Rosemount® Analytical X-STREAM™ Flameproof Process Gas Analyzer

*Multi-technology, robust product line improves process and business results by providing optimal performance in demanding applications*



SOLON, OHIO (August XX, 2007) – Emerson Process Management recently unveiled the [Rosemount® Analytical X-STREAM™ flameproof process gas analyzer](#), which can be installed in Class I, Zone 1, Group IIB + H2 hazardous areas requiring ATEX or CSA-C/US certifications. This is the newest edition to the X-STREAM Series, which also includes general purpose and NEMA 4X field housing process gas analyzers.

The Rosemount Analytical X-STREAM Gas Analyzers help users improve product quality and increase efficiency, throughput and safety. By enabling customers to fine-tune their processes, the analyzers support increased productivity and profitability.

Some of the industries that can benefit from X-STREAM analyzers include petrochemical and chemical processing, metallurgical production, hardening and heat treatment, natural gas production and distribution, safety measurement for flammable mixtures, biotechnology, landfill applications, and flue gas analysis of boilers, power plants, process furnaces and incinerators.

"We are very excited about the opportunities created since the launch of the X-STREAM line early in 2006," said Mike Fersky, process analyzers marketing manager for the Rosemount Analytical division of Emerson Process Management in North America. "Various industries have benefited from X-STREAM analyzers, and the new flameproof model is a great addition to the product family."

Rosemount Analytical X-STREAM analyzers offer single- and dual-channel analysis utilizing infrared, ultraviolet and visible (NDIR/UV/VIS) photometry, paramagnetic and electrochemical oxygen, and thermal conductivity sensor technologies.

Rosemount Analytical X-STREAM Gas Analyzers feature:

- User-friendly operator interface
- Support for multiple languages
- Solvent-resistant, corrosion-resistant and intrinsically safe measuring cells
- Thermostatic control to measure lower sample gas concentrations and higher dew points
- Separation of electronics and physical benches with a purge for handling corrosive and toxic gases
- Analog and digital I/O, status signal relay outputs and serial interface with Modbus communication
- Autocalibration via internal or external valve blocks
- Barometric pressure compensation, internal sampling pump and flow sensor
- Easy access for maintenance and repair
- Extended ambient temperature range
- Global certifications

For more information, visit [www.emersonprocess.com/raihome](http://www.emersonprocess.com/raihome).

## About Rosemount Analytical

Rosemount Analytical ([www.RAIhome.com](http://www.RAIhome.com)) is a division of Emerson Process Management. The Gas Division in Solon, Ohio, designs and manufactures analyzers and systems for Combustion Analysis and Control, Continuous Emissions Monitoring Systems (CEMS), In-situ Oxygen and Combustibles Analyzers, Carbon Monoxide Analyzers, Opacity Monitors, and a full array of Single and Multi-component Process Gas

Analyzers.

**About Emerson Process Management**

Emerson Process Management ([www.emersonprocess.com](http://www.emersonprocess.com)), an Emerson business, is the leader in helping businesses automate their production, processing and distribution components in the chemical, oil and gas, pulp and paper, food and beverage, and pharmaceutical industries, as well as others. The company combines superior products and technology with industry-specific engineering, consulting, project management and maintenance services. Its brands include: Rosemount Analytical, Fisher-Rosemount, Performance Solutions, AMS, Bettis, DeltaV™, El-O-Matic, Intellution, Micro Motion, PlantWeb™, and Westinghouse Process Control.

**About Emerson**

St. Louis-based Emerson ([www.emerson.com](http://www.emerson.com)) is a global leader in bringing technology and engineering together to provide innovative solutions to customers in process control; electronics and telecommunications; industrial automation, heating, ventilating and air conditioning, and appliance and tools. Sales in fiscal 2006 were \$24 billion.