

Press Release

Schneider Electric's New Process Gas Chromatograph Analyzer Drives Profitable Efficiency, Reliability for Industry End Users

- Faster, more reliable and safer FXI® Series 7 Process Gas Chromatograph improves quality, uptime and process optimization for petrochemical, refining and chemical plants
- All-new electronics and software platform reduces project risks, eases maintenance costs
- Provides measurable operational profitability improvements and 100 percent ROI within three months

Frankfurt am Main, Germany – June 11, 2018 – Schneider Electric, the leader in the digital transformation of energy management and automation, today introduced its new FXI Series 7 Process Gas Chromatograph, a faster, more reliable and safer gas and liquid composition process analyzer. With newly-enhanced, user-friendly components and capabilities, the analyzer enables petrochemical, refining and chemical plants to increase the real-time efficiency, reliability and safety of their industrial processes. Launched at [ACHEMA](#), a world forum and leading show for the process industries, the FXI Series 7 Process Gas Chromatograph will be available in September 2018.

“When Schneider Electric acquired AIT’s market-leading process analyzer business, we made a commitment to extend its innovative technology so we could better enable customers to reap more value from their process operations,” said Matthew Carrara, vice president, Process Automation, Schneider Electric. “The FXI Series 7 Process Gas Chromatograph does just that. With its many improved capabilities, including better diagnostics, seamless communication integration with other devices and systems components, and the most recent certifications for use in hazardous areas, the FXI Series 7 Process Gas Chromatograph will help our customers drive operational profitability improvements, safely. As a core element of our EcoStruxure Plant platform, it will help convert their process automation investments into the profit engines of their business.”

EcoStruxure™ is Schneider Electric’s open, interoperable, IoT-enabled system architecture and platform. EcoStruxure delivers enhanced value around safety, reliability, efficiency, sustainability, and connectivity for our customers. EcoStruxure leverages advancements in IoT, mobility, sensing, cloud, analytics, and cybersecurity to deliver Innovation at Every Level. This includes Connected Products, Edge Control, and Apps, Analytics & Services. EcoStruxure has been deployed in 480,000+ sites, with the support of 20,000+ system integrators and developers, connecting over 1.6 million assets under management through 40+ digital services.

Faster Next-Gen Analyzer Optimizes Operational Efficiency

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Built on Schneider Electric's heritage of providing the industry's most reliable, field-proven systems, the next-gen FXI Series 7 Process Gas Chromatograph features new state-of-the-art software, electronics and detection enhancements that drive process optimization.

Equipped with parallel chromatography capabilities, the FXI Series 7 analyzer allows multiple detectors and ovens to be used simultaneously, significantly accelerating analysis time and increasing the range of applications within a single gas chromatography platform. The system continuously analyzes and quickly reports component concentrations and physical properties of process gas and liquid streams in a variety of applications, improving quality and throughput, while reducing capital investment, project execution risks and operating costs. Additionally, plant personnel can easily service the analyzer while it is powered and with the oven door open, without requiring the general shutdown of the analyzer, increasing uptime and reducing maintenance cost.

The system benefits both new and existing Schneider Electric customers. It incorporates seamless communications to connect directly with the company's IIoT-enabled EcoStruxure Foxboro distributed control system. In addition, users of the Foxboro 931 series GC or earlier generation FXI Series GCs can seamlessly modernize to this latest platform, which lowers engineering and maintenance costs and extends asset life.

Ease of Use and Improved Diagnostics Ensure Reliable, Safe Performance

For many industrial plants, process gas chromatography is complex, making it difficult to measure and maintain. In addition, process gas chromatographs have historically required extensive and frequent maintenance, which leads to unnecessary process downtime. To overcome those challenges, the FXI Series 7 Process Gas Chromatograph features new electronics and oven components, with user-friendly software that provides easy-to-use gas and liquid compositional analytics with fewer human errors.

"The FXI Series 7 Process Gas Chromatograph simplifies deployment and reduces time associated with start up," says Joe LaConte, vice president, Analyzer Systems, Schneider Electric. "First of all, because it is built on our field-proven analyzer platform, it is rugged, yet provides outstanding chromatographic performance. Second, its secure, web-enabled data analytics and diagnostics enable predictive maintenance, which makes it highly stable and far more reliable than other gas chromatographs. These features not only improve quality, uptime and throughput, they reduce maintenance, operating and even engineering and project execution costs for a quick return on investment."

Value-focused Solution Boosts ROI, Safely

The FXI Series 7 Process Gas Chromatograph meets the latest revisions of global hazardous area classifications, as well as complies with the most recent ATEX, IECEx and NEC design criteria, making it safe for use in multiple industry applications. And when combined with other Schneider Electric products and solutions, such as EcoStruxure Profit Advisor, customers can see and control in real time how much value the analyzers are contributing to their business performance.

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“With its many value-focused features, the FXI Series 7 Process Gas Chromatograph delivers unmatched process analysis, control and asset protection,” said LaConte. “Built on more than 30 years of proven industry expertise and success, this new analyzer will help our petrochemical, refining and chemical customers create reliable and reproducible plant process information, while reducing time spent on engineering, project execution and routine maintenance. It is the only process analyzer system that provides measurable operational profitability improvements and 100 percent ROI within three months.”

For more information, please visit the [Schneider Electric process analyzers webpage](#).

[About Schneider Electric](#)

Schneider Electric is leading the Digital Transformation of Energy Management and Automation in Homes, Buildings, Data Centers, Infrastructure and Industries.

With global presence in over 100 countries, Schneider is the undisputable leader in Power Management – Medium Voltage, Low Voltage and Secure Power, and in Automation Systems. We provide integrated efficiency solutions, combining energy, automation and software.

In our global Ecosystem, we collaborate with the largest Partner, Integrator and Developer Community on our Open Platform to deliver real-time control and operational efficiency.

We believe that great people and partners make Schneider a great company and that our commitment to Innovation, Diversity and Sustainability ensures that Life Is On everywhere, for everyone and at every moment.

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