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New Sensor System Enables Increased Automation in Bioprocessing

A new automated sensor system designed to accelerate biopharma development is being launched today at the BioProcess International Europe conference in Vienna. The system, called AugaSampler™, is the latest innovation from Swedish sensor technology company ArgusEye.

Bioprocessing is used to produce many modern medicines, but monitoring these complex processes often relies on manual sampling and lengthy laboratory analysis that can take weeks. This creates a major bottleneck in development and production.

Developed in Linköping and built on research from Linköping University, **AugaSampler™** is designed to address these challenges and make one of the most time-consuming steps in bioprocessing faster, simpler, and largely hands-free. It is an automatic liquid handling and data processing system with aseptic sampling, designed for on-line and at-line measurements.

By replacing manual workflows with automated measurements, AugaSampler™ delivers actionable data in under 3 minutes, dramatically reducing the time required for analysis and decision-making.

The system is the second product in the **Auga® platform**, expanding the capabilities of **AugaOne®**. Together, the systems are designed to automate and simplify monitoring in laboratories and pharmaceutical manufacturing environments.

With automated aseptic sampling and minimal manual handling, AugaSampler™ enables continuous monitoring while saving valuable time, resources, and supporting more sustainable operations.



“With AugaSampler™, we are removing one of the key bottlenecks in bioprocess development. By combining automated sampling with rapid, high-quality data, we enable scientists to make faster and better-informed decisions,” says Erik Martinsson, CTO and Co-Founder of ArgusEye.

By enabling faster insights and more responsive production processes, ArgusEye aims to transform how biological medicines are developed and manufactured, helping bring new treatments to patients faster while making production more efficient and reliable.

Contact

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AugaSampler™ is being officially launched today during **BioProcess International Europe** in **Vienna**.

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About ArgusEye

ArgusEye delivers advanced sensor solutions for real-time bioprocess monitoring and control, supported by more than 40 years of research and a team of experts based in Linköping, Sweden.

The LSPR biosensing technology enables real-time monitoring of critical quality attributes (CQAs) and critical process parameters (CPPs), giving biopharma companies unprecedented insights and control over their processes. ArgusEye supports continuous, automated workflows that accelerate development, enhance quality, and boost efficiency in bioprocessing.

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