

Press release

2023-11-22, 10:00 CET

## **BPC Instruments launches BioReactor Simulator (BRS) III – redefining precision biogas production**

BPC Instruments AB (“BPC” or “the Company”) is delighted to announce the global launch of its latest innovation, BioReactor Simulator (BRS) III – the next generation of a laboratory-scale instrument designed to accurately replicate continuously fed biogas production processes. With the integration of BRS III into the Company’s product portfolio, BPC is positioned to deliver state-of-the-art laboratory instruments catering to both batch and continuous fermentation tests for biogas/biomethane production processes. This strategic expansion reinforces BPC’s business leadership in the rapidly growing biomethane industry in the EU and regions prioritizing reduced dependence on imported natural gas.

BRS III provides a solution by simulating biogas production processes on a smaller scale. This allows plant operators to explore different enhancements, including testing diverse loading regimes, and feedstock mixtures, and assessing the long-term impact of specific process operations – all without compromising the performance of the full-scale plant. Alongside AMPTS® III and BPC® Bioreactors in multiple sizes and configurations, BPC now offers a complete analytical solution for anaerobic fermentation tests in both batch and continuous modes. This is crucial for feedstock quality control, process optimization, and ensuring the smooth operation of full-scale biogas plants.

### **CEO Dr. Jing Liu comments:**

*“BRS III is a well-engineered laboratory instrument based on the Gas Endeavour® III platform, specifically designed for running anaerobic fermentation tests in continuous mode. It offers user-friendly operation, high compatibility, and flexibility with diverse bioreactors, providing reliable data that instills confidence in the results obtained. Once optimal operating conditions for the biogas plant have been identified, implementing changes at full scale can be done with assurance, as the risk of potential problems has been minimized. The release of the BRS III represents an important step for BPC, strengthening our full analytical solution offering in the biogas and biomethane sector.”*

### **About BRS III**

BRS III is a cutting-edge laboratory instrument engineered for precise measurement of gas production in continuously fed anaerobic fermentation processes. This dependable and user-friendly tool, tailored for academia and industry, is designed to streamline laboratory- and small-scale process simulation for biogas production.

For more technical information about BRS III, please visit the related [product page](#), or contact our sales team at [sales@bpcinstruments.com](mailto:sales@bpcinstruments.com)

**For information regarding BPC Instruments, please contact:**

BPC Instruments AB

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Dr. Jing Liu, CEO

Tel: +46 (0) 46 16 39 51

E-mail: [ir@bpcinstruments.com](mailto:ir@bpcinstruments.com)**About BPC Instruments AB**

BPC Instruments is a global Swedish-based pioneering technology company developing and delivering analytical instruments enabling more efficient, reliable, and higher quality of research and analysis in business sectors of renewable bioenergy and environmental biotechnologies. The result is not only higher accuracy and precision, but also significant reduction in time consumption and labour requirement for performing analysis. BPC Instruments' innovative products offer high quality hardware and software based on deep knowledge and experience of target applications. The solutions are the first of their kind, making the company a pioneer in its field. Today, BPC Instruments exports to nearly 70 countries around the world. For more information, please visit BPC's webpage: [www.bpcinstruments.com](http://www.bpcinstruments.com)