

Press Release

Streamlining Process Scale-Up with the New Eppendorf BioFlo® 720 Bioprocess Controller

Eppendorf expands integrated upstream bioprocess single-use solutions

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Streamlining the transfer of an upstream bioprocess from research to production scale is critical for reducing biologics development costs and time to market. Eppendorf, a leading life science company, introduces the BioFlo 720, a bioprocess control station for applications at pilot/production scale using single-use bioreactors. With it, Eppendorf now offers one of the most scalable and comprehensive single-use portfolios on the market, for seamless process scale-up from R&D labs to pilot and manufacturing facilities.

"The BioFlo 720 is compatible with Thermo Fisher Scientific™ HyPerforma™ 5:1 single-use bioreactors. In combination with our BioBLU® Single-Use Vessels for small and bench scale bioprocesses we offer pharmaceutical and biotech companies the benefit of an integrated scalable portfolio, including manufacturing solutions for regulated environments," says Dr. Karl Rix, Vice President of the Bioprocess Business Unit at Eppendorf.

Innovative software features help saving time, increase efficiency and reproducibility by automating repetitive process steps:

- *Auto Inflate* automatically controls the inflation process for flexible single-use bioreactors
- *Auto Calibrate* automatically calibrates all attached DO sensors at once
- *Scale Up Assist* calculates scaling-relevant parameters based on constant tip speed or power input per volume

For added flexibility, configurable gas flow control, sensor connections, pump options, and software settings enable the system to meet a variety of process needs.

With a narrow footprint of only 81 x 87 cm (32" x 34") the BioFlo 720 minimizes space utilization. Designed as a mobile controller it can be quickly deployed into any bioprocess project in research or regulated environments.

For more information on the BioFlo 720 visit www.eppendorf.com/bioflo720.

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About Eppendorf

Eppendorf AG is a leading company in the Life Sciences that develops and sells instruments, consumables and services for liquid handling, sample handling, and cell handling for use in laboratories worldwide. Its product range includes pipettes and automated pipetting systems, dispensers, centrifuges and mixers, spectrometers and DNA amplification equipment as well as ultra-low temperature freezers, fermenters, bioreactors, CO2 incubators, shakers and cell manipulation systems. Consumables such as pipette tips, test tubes, microliter plates and single-use bioreactor vessels complement the range of highest-quality premium products.

Eppendorf products are employed in academic as well as commercial research laboratories, for example in companies of the pharmaceutical and biotechnological as well as the chemical and food industries. In addition, clinical and environmental analysis laboratories, and forensics and industrial laboratories performing process analysis, production, and quality assurance utilize Eppendorf products.

Eppendorf was founded in 1945 with headquarters located in Hamburg and today employs approximately 4,000 employees worldwide. The company owns subsidiaries in 26 countries and is represented through distributors in all its important markets.



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