

Ready to Use: DASGIP and Mobius CellReady 3L Bioreactor Advanced Control of Disposable Benchtop Technology

Juelich, February 22, 2010 – DASGIP strengthens its market position by combining disposable benchtop bioreactors with the DASGIP technology. Thanks to the unique modularity of the DASGIP Parallel Bioreactor System the Mobius CellReady 3L bioreactor can be integrated seamlessly into DASGIP's control system. In this manner, DASGIP combines the familiar powerful process control with the advantages of disposable technology. The CellReady bioreactor is a single-use stirred tank bioreactor for cell culture process development. The disposable bioreactor eliminates the need to clean and autoclave, thus it accelerates preparation and post-processing time.



“The integration of single-use benchtop bioreactors into our DASGIP Parallel Bioreactor System enhances flexibility of users which is decisive in the dynamic laboratory equipment market.” explains Dr. Thomas Drescher, Chief Executive Officer at DASGIP. “Combining the Parallel Bioreactor System and the CellReady Bioreactor we make advanced process control available for single-use reactors at benchtop scale. Thereby disposable bioreactors deliver a higher degree of reliability, scalability and reproducibility. Due to the parallel design up to eight disposable vessels can be operated at the same time and serve the users with rapid and accurate results.”

Hence, operators of disposable bioreactors are free to add the well-known DASGIP monitoring and control units as their application requires: mass flow controlled gas mixing, variable speed controlled pumps and monitoring of pH and dissolved oxygen are available, advanced inline measurements such as off-gas analysis or optical density monitoring alike. Set-points and profiles, such as agitation rate, temperature, pH, and DO can be accessed through the DASGIP Control user interface even online. An integrated historian and 21 CFR Part 11 compliant one-click process reports alleviate documentation tremendously.

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For more information about DASGIP applications, visit our website at:
<http://www.dasgip.com>

About DASGIP: DASGIP AG develops and manufactures technologically advanced Parallel Bioreactor Systems for the cultivation of microbial, plant, animal and human cells at bench top scale. Process engineers, scientists and product developers from biotechnological, pharmaceutical and chemical companies as well as research institutions use DASGIP Parallel Bioreactor Systems for their biotechnological processes and benefit from increased productivity, high reproducibility, and ease of scale up, resulting in accelerated product development cycles. DASGIP is located in Juelich (Germany) and Shrewsbury MA (USA)

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