

Sartorius Stedim Biotech Partners with Nova Biomedical

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Sartorius Stedim Biotech (SSB) recently announced an agreement with Nova Biomedical (Nova), a well-known US manufacturer of cell culture analyzers, to integrate their BioProfile® FLEX2 into the ambr® multi-parallel bioreactor systems for automated, at-line cell culture analytics.

SSB and Nova are collaborating to combine two highly innovative technologies. Both the BioProfile® FLEX2 analyzer and the parallel bioprocessing functionality of the ambr® create a unique tool able to simultaneously run, sample and analyze a massive number of cell culture conditions during high-throughput cell line, media and process development by Design of Experiments (DoE).

This will allow biopharmaceutical companies to develop well-characterized cell culture processes in less time while preventing the process development bottleneck being shifted to the analytical laboratory.

The partnership will deliver full integrated analytics for the ambr® 15 cell culture system in Q3 2017 and later in 2017 for the ambr® 250 high throughput.

Stefan Schlack, Senior Vice President Marketing and Product Management at SSB, said: "The combination of ambr® and Nova's BioProfile® FLEX2 solution saves time by significantly increasing the amount of data that can be generated per run. Together with our Umetrics and BioPAT® MFCS software suites, this will offer a complete solution to generate and analyze the vast amounts of data required for a QbD approach to upstream bioprocess development."

Nicholas Theodore, Senior Vice President of Global Sales for Nova Biomedical. "The combination of Nova's expertise in automated cell culture analysis and Sartorius' talent in delivering micro-scale smart reactors will yield tremendous benefits for the biotech industry. The integration of BioProfile® FLEX2 with the ambr® cell culture systems will result in accelerated commercialization of products and the ability to develop more products at lower cost, while ensuring the best quality of biotherapeutics for patients worldwide."