InfinityLab Bio Online LC as a Tool to Advance PAT in Bioprocessing

Collaboration Agilent with Millipore-Sigma

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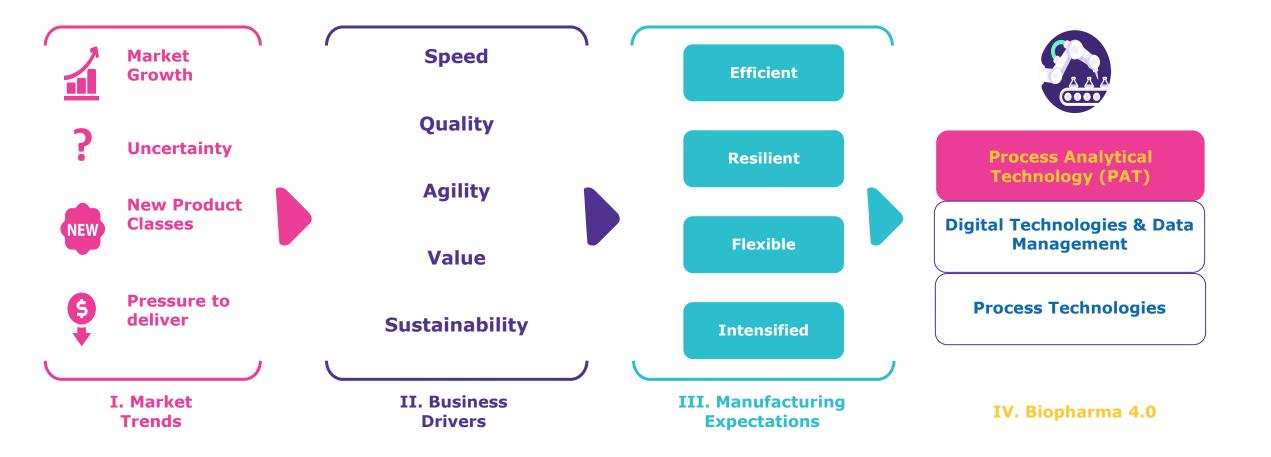






InfinityLab Online LC Solutions - DE44361.4844212963

The demand for Online Bio LC, enabling real-time analysis



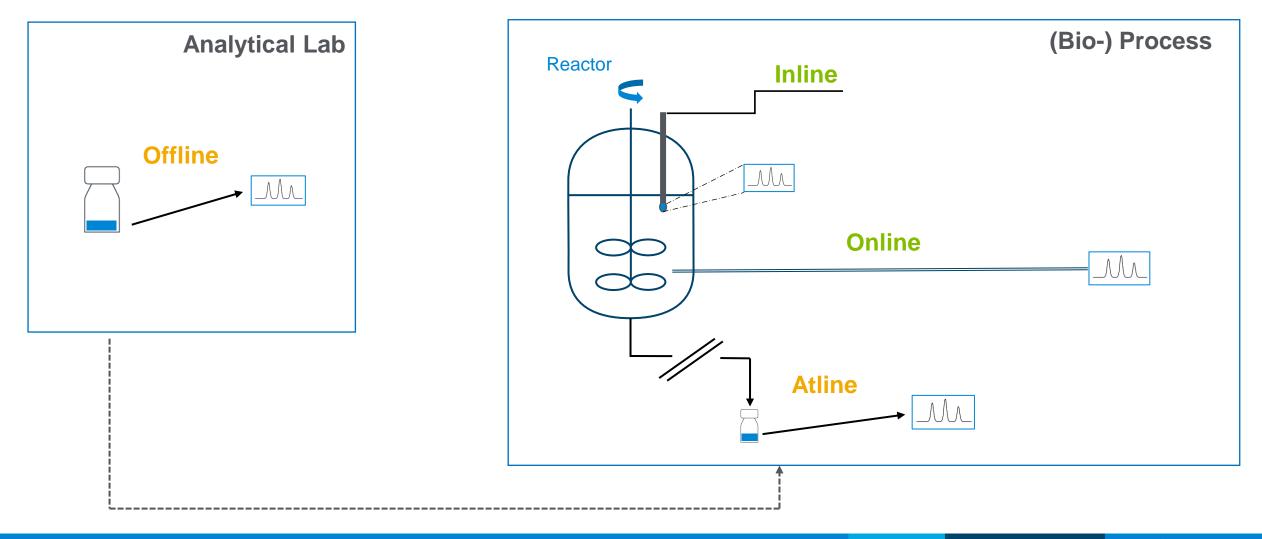
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Types of process monitoring

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Manual / Automated Process Monitoring



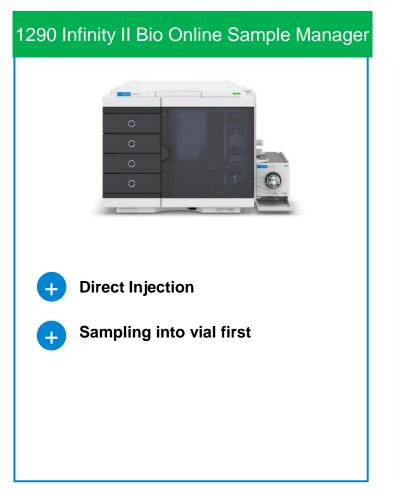


InfinityLab Online LC Solutions Innovation at its best!



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Agilent Online LC Monitoring Software Ideal for non-chromatography + experts + Compatible with OpenLab CDS 2 Sample scheduling / Data + visualization **Guided experiment setup** +**Pre-configuration of monitoring** +events



Preparation, Separation, Filtration & Monitoring Products

USE Case 2: Collaboration: Aggregate control using on-line HPLC





"It is critical for manufacturers of therapeutic protein products to minimize protein aggregation..."

One way of doing this is by:

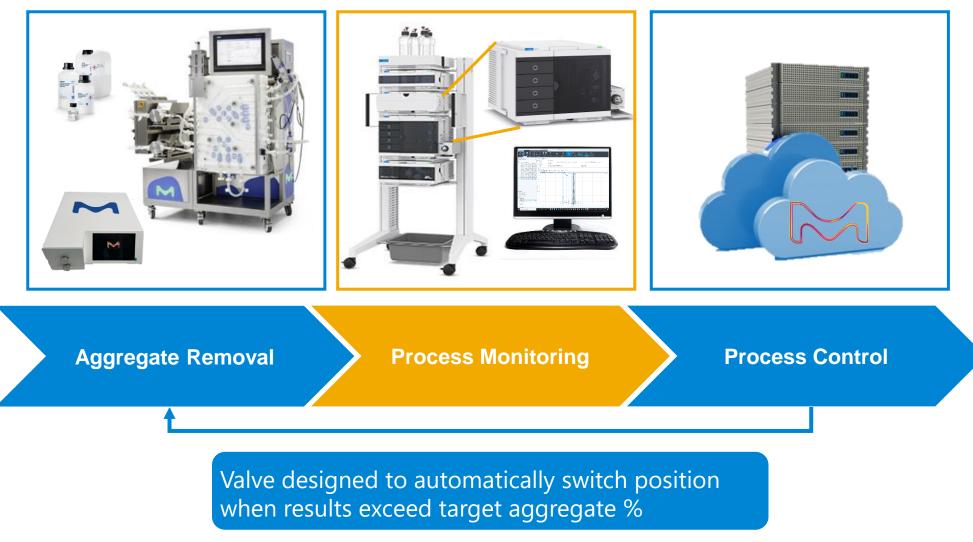
"employing a robust purification scheme that removes aggregates to the greatest extent possible."





Automated column switching enables continuous aggregate removal, facilitating real-time process control







Significant customer benefits



Integration

Fully integrated bioprocess and bioprocess development solution

Optimization

- Analytical measurements and results

- Bioprocess

Moving towards continuous manufacturing

Real-Time Analysis

Monitor results in real-time

Automation

No manual intervention

Cost-Efficiency, Time Savings, and Quality Assurance



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