

Biomatics Sampling System

– The first step towards real-time process optimization

The first step towards optimizing manufacturing performance is collecting detailed process-information. This requires frequent and consistent process insights based on constant sample-taking during production – a task that typically is labor-intense and error-prone. Biomatics Technology offers a solution for automated aseptic sampling in biotech, pharma and food-tech

industries. The automated sampling system offers different options to secure appropriate hygienic sampling, system cleaning and sample delivery suiting your procedures. Biomatics Sampling System is directly installed in the manufacturing and connected to a bioreactor or process line.



RELIABLE AUTOMATED SAMPLING

- Consistent sampling procedure
- Aseptic sampling secures process integrity
- 24/7 and with high sampling frequency
- Robust for slurry and high viscosity media
- Sample preparation such as filtration

EASY AND SAFE PROCESS INTEGRATION

- Installation at existing sample outlets with hygienic design and certified fittings (EHEDG)
- Options for Steam-in-Place (SIP) and Clean-in-Place (CIP) procedures
- Designed for production environments
- Easy service and maintenance procedures

ENHANCED PROCESS MONITORING

- Improved process documentation
- Enhanced process monitoring and control
- Possibility to reduce batch-to-batch variation, increase yield and improve manufacturing capacity
- Reduce number of deviations due to sampling errors

MULTIPLE DELIVERY OPTIONS

- Sample storage with flexible vial and storage options, i.e. cooling, carousel, etc.
- Sample transportation system to central lab for easy and fast analysis
- Coupling directly to analysis instrument (HPLC, pH, density, etc.) enables real-time analysis