Automated Aliquoting System (AAS)

Automated aliquoting for critical single-use workflows

MEISSNER

AAS Single-Use Automated Aliquoting System

When it comes to pharma drug substance distribution into single-use containers (biocontainers/bags and bottles), using automation is critical. Worldwide regulatory agencies are promoting automation of repetitive tasks to avoid human errors and guarantee complete batch traceability and accuracy.

Discover your next bulk distribution solution with our single-use Automated Aliquoting System (AAS). Our cutting-edge technology ensures a seamless and precise distribution process for a variety of liquid substances, from upstream processes including media and buffer through final product dispense, using single-use closed systems.

Benefits

- Enhanced repeatability and accuracy ± 2%, depending on the selected flow meter technology
- GMP and GAMP5 compliant
- Reduced processing time and improved productivity
- Batch to batch consistency; validated recipes
- Automated data management and reporting
- Easily customizable to process requirements

Options

1. Assisted distribution configuration (containers sizes, flow, sampling, etc.) using barcode readers
2. Customized to the Supervisory Control and Data Acquisition (SCADA) system of the production line
3. Sampling/bioburden preparation
4. Adaptable to multiple and complex distributions

Technical Characteristics

Application	• Media and buffer preparation • Final product aliquoting
Models	• Model S: for bags from 250 mL up to 1 L • Model L: for bags from 1 L up to 20 L
Frame	• Stainless Steel 304/316L • Mobile (on wheels)
Flow	Adjustable to the needs of global distribution duration
Dimensions (L x D x H)	Customizable; minimal footprint
Electricity	• Power supply: 230V or 120V • IP54
Human Machine Interface	• Machine integration & connection to SCADA/MES • Custom mechanical configuration • Process recipe customization
Data Monitoring	• Flow, pressure, weight • Automatic batch record • Audit/Trail
Accuracy	± 2%, depending on the selected flow meter technology
Certification	• Europe: CE • North-America: UL

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AAS 2.0

Meissner Headquarters
1001 Flynn Road • Camarillo, CA 93012 • USA
+1.805.388.9911 • www.meissner.com

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