

# Automated Aliquoting System (AAS)

Automated aliquoting for critical single-use workflows



# 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 state-of-the-art Automated Aliquoting System. Our cutting-edge technology ensures a seamless and precise distribution process for a variety of liquid substances, including final product, media, buffer, and more, using single-use closed systems.

## Benefits

- Enhanced repeatability and accuracy  $\pm 2\%$ , 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. Level of integration with the SCADA of the production line at the customer's choice
3. Sampling/bioburden preparation
4. Adaptable to multiple and complex distributions

## Technical Characteristics

|                         |                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application             | <ul style="list-style-type: none"><li>• Media and buffer preparation</li><li>• Final product aliquoting</li></ul>                                                                    |
| Models                  | <ul style="list-style-type: none"><li>• Model S: for bags from 250 mL up to 1 L</li><li>• Model L: for bags from 1 L up to 20 L</li></ul>                                            |
| Frame                   | <ul style="list-style-type: none"><li>• Stainless Steel 304/316L</li><li>• Mobile (on wheels)</li></ul>                                                                              |
| Flow                    | Adjustable to the needs of global distribution duration                                                                                                                              |
| Dimensions (L x D x H)  | Customizable; minimal footprint                                                                                                                                                      |
| Electricity             | <ul style="list-style-type: none"><li>• Power supply: 230V or 120V</li><li>• IP54</li></ul>                                                                                          |
| Human Machine Interface | <ul style="list-style-type: none"><li>• Machine integration &amp; connection to SCADA/MES</li><li>• Custom mechanical configuration</li><li>• Process recipe customization</li></ul> |
| Data Monitoring         | <ul style="list-style-type: none"><li>• Flow, pressure, weight</li><li>• Automatic batch record</li><li>• Audit/Trail</li></ul>                                                      |
| Accuracy                | $\pm 2\%$ , depending on the selected flow meter technology                                                                                                                          |
| Certification           | <ul style="list-style-type: none"><li>• Europe: CE</li><li>• North-America: UL</li></ul>                                                                                             |