Automated Filtration System (AFS)

Automated filtration and integrity testing for single-use systems

MEISSNER

Automated Single-Use Filtration System/PUPSIT Skid

When it comes to sterile filtration of pharma drug substances and drug product, 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 automated filtration solution with our state-of-the-art Automated Filtration System (AFS). Our cutting-edge technology ensures a seamless and rapid Pre-Use Post-Sterilization Filter Integrity Test across a wide range of filter sizes, supporting both single and redundant filter configurations in a single-use closed systems.

Benefits

- Supports cGMP and Annex 1 compliance xpectations
- Data collection – 21 CFR Part 11 compliant, batch reports and audit trails linked to customer's SCADA
- Reduced testing time and improved productivity
- Easily configurable to process requirements

Options

1. Available in both single and redundant filtration
2. Customized to the Supervisory Control and Data Acquisition (SCADA) system of the production line
3. Regulation of the filtration flow rate to the needs of your filling equipment
4. Customized filtration assemblies and sampling solutions

Technical Characteristics

Application	• Final Filtration • In-line automated PUPSIT sequence
Filters	• 1 or 2 filter(s) configuration • All standard sizes up to 30" • Customizable slope of filter(s)
Integrity Testing Equipment	Meissner AccuFlux® Technology
Frame	• Stainless Steel 304/316L • Mobile (on wheels)
Flow	Adjustable to the needs of the filling equipment
Dimensions (H x W x D)	Configurable; minimal footprint: 74" x 45" x 32" (1.89 m x 1.15 m x 0.80 m)
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
Interface	Integrated HMI/Touch panel
Certification	• Europe: CE • North-America: UL
Option	Filtration with or without fully automated PUPSIT

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