



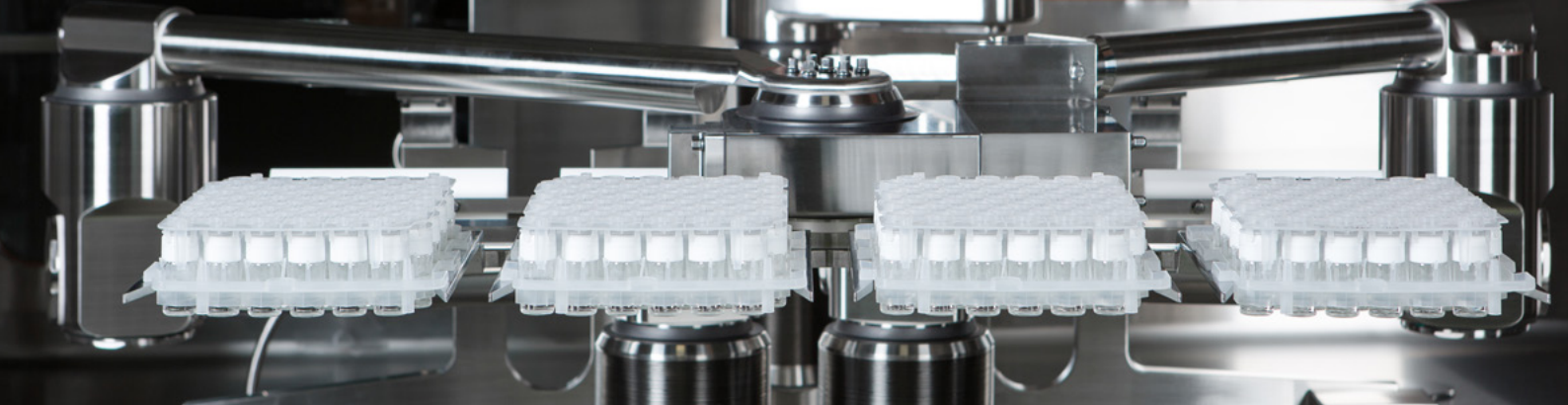
SA25 Liquid/Lyo System

Add lyophilization, subtract the risk

The SA25 Liquid/Lyo System integrates two additional workcells with the SA25 to add the capacity to load and unload a freeze-dryer, as well as aseptic liquid filling. Fully automated and flexible filling for vials, syringes, and cartridges.

SA25 Liquid/Lyo applications:

- Biologics
- Potent compounds
- mAbs
- Peptides
- Oligonucleotides
- CDMO operations
- Approved commercial products
- Late stage clinical productions



Speed to market

The SA25 Liquid/Lyo is a standardized system that can be built, delivered, and qualified quickly — helping you get your drug products to market faster.

Cost control

Robotic loading and unloading of drug product eliminates material handling that can cause product loss or batch failure.

Drug product quality

The SA25 Liquid/Lyo System uses an optimal aseptic process with closed gloveless isolators that eliminate the need for operator intervention and reduce the risk of drug product contamination.

SA25 Liquid/Lyo System features:

- The Accumulator Workcell directs traffic and buffers filling and loading processes.
- The Lyophilizer Loader Workcell automatically loads and unloads drug product in a Grade A environment.
- Compatible with freeze-dryers from multiple suppliers.
- Fitted with our Dynamic Peristaltic Pump.

Specifications

Throughput	Up to 20,000 units per batch
Pump type	Dynamic Peristaltic Pump
Fill volume range	0.2–50 mL
In-process control	Programmable up to 100% of units
Product contact materials	Single-use flow path assembly
Interior classification	ISO 5 / Grade A
Cleanroom classification	ISO 7 / Grade C
Dimensions	4.6 × 5.7 × 2.4 m (181 × 222 × 93 in.)
Required cleanroom space	60 m ² (645 sq. ft.)
Electrical	208–240 VAC, single phase, 50–60 Hz, FLA 67 per workcell (×3)
Air supply (from room)	300 m ³ /h/ per workcell (×3)
Compressed air	90 L/min, >0.55 MPa (5.5 bar(g)) per workcell (×3)
Control system	21 CFR Part 11 compliant

Included with your SA25 Liquid/Lyo System:

- Non-destructive in-process control
- Drug product bag load cell
- Inert gas filling

Additional options

- Tooling sets for additional container formats
- Automated clean-in-place

[cytiva.com/aseptic-filling](https://www.cytiva.com/aseptic-filling)

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