



# Microcell™ vial filler

## Reduced risk and flexibility in one standardized package

The Microcell™ vial filler is a closed robotic isolator for pharmaceutical vial filling. Whether you're making personalized medicines or clinical trial supplies, the Microcell vial filler is built for agility and fast changeover. Ensure your manufacturing projects run smoothly — whatever comes down your pipeline.



## Speed to market

Microcell vial filler users can reach GMP production within 6 months to get therapies to patients faster.

## Agility

Reduced fill and changeover times enable you to produce multiple batches per day — perfect for personalized medicines.

## Drug product quality

Automation removes the need for operator intervention and limits drug product contact to a single-use flow path, reducing the risk to the quality of your drug product.

## Microcell vial filler features

- Fully automated, gloveless cGMP filling
- Human-machine interface touch screen for intuitive access to input and initiate recipe sequences
- Easy set-up with single-use flow paths and 15 minute vapor phase hydrogen peroxide decontamination

## Specifications

Throughput	Up to 300 units per load; 1200 units per 8-h shift
Pump type	Peristaltic pump
Fill volume range	1.0 to 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
Nominal dimensions (W x D x H)	197 x 151 x 212 cm (78 x 60 x 84 in.)
Required cleanroom space	15 m <sup>2</sup> (160 sq. ft.)
Electrical	208 to 240 VAC, single phase, 50 to 60 Hz, FLA 36
Air supply (from room)	250 to 700 m <sup>3</sup> /h
Compressed air	120 L/min, >0.6 MPa (6 bar) (g)
Control system	21 CFR Part 11 compliant

## cytiva.com/aseptic-filling

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## Applications:

- Personalized medicines
- Gene therapies
- mRNA
- Phages
- Clinical trial supplies
- CDMO operations

## Included with your Microcell vial filler

- Drug product bag load cell
- Data historian
- Remote access

## Additional options

- Tooling sets for additional container formats
- Automated clean-in-place
- Viable particulate sampling

