

Ready to Scale?

For Clinical and Commercial Success

Secure Reliable High-Speed Fill-Finish Capacity for Your Products

With more than 100 years of manufacturing experience we, at IDT Biologika help pharmaceutical and biotech companies to bring their therapies to market.

Our advanced fill-finish network includes **high-speed isolator filling capabilities for large-scale vial manufacturing**, supporting batch sizes of up to **500,000 vials** and annual capacities of up to **100 million vials**. Designed for biologics, biosimilars and other sterile injectables as well as small molecules, these capabilities combine efficiency, scalability, and quality.

From process development and drug substance manufacturing to fill-finish, quality control, analytics, and packaging, our integrated CDMO services deliver seamless support across the entire product lifecycle. Dedicated onboarding experts and a secure supply chain ensure a smooth and reliable path from concept to commercial success.

FILLING LINES:

- Small and large scale for vials and syringes

VISUAL INSPECTION:

- Manual
- Semi-automatic
- Fully-automatic

SECONDARY PACKAGING:

- For vials and syringes
- Labelling, blistering, packaging
- Kit packaging
- Autoinjectors and safety devices
- Clinical and commercial packaging

Our End-to-End services include:



Process & Analytical Development



Drug Substance Manufacturing
Cell-Culture & Microbial-based
200L - 800L - 2000L



Drug Product Manufacturing



Labeling & Packaging



Quality Control & Analytics

Learn More About Our Newest High-Speed Filling Line



VIALS	2R, 6R, 10R glass vials / up to 50R vials possible
BATCH SIZES	Up to 500,000 vials 2R (depending on bulk volume and filling)
FILLING SPEED (effective)	32,000/h (2R) / 16,000/h (6R) / 15,000/h (10R)
EMPTY VIAL INSPECTION	100 % camera inspection of vial bottom and opening
FILLING WEIGHT	100 % in process control of filling weight
DOSING SYSTEMS	Gentle filling process by peristaltic pumps
FILLING VOLUMES	0.1 ml – 10.0 ml depending on vial format
DEAD VOLUME	Depending on the single-use-filling system and by using the dose-out function approx. 300 ml – 400 ml
FILLING EQUIPMENT	Single use filling system (SUS)
VISCOSITY	Water-like solution and suspensions with viscosity up to 50 mPa*s cP For higher viscosities product specific tests are required
CAPS	Combi caps, flip-off caps, tear-off caps
CRIMPING	100 % crimping quality inspection via camera and coding system for data-matrix-code on cap side
ISOLATOR TECHNOLOGY	2 segments for liquid filling processes / own air ventilation system including return air filtration / different pressure zones / H ₂ O ₂ decontamination and inactivation

Learn more about Partnering with IDT Biologika

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Contact us