



Your complete vial filling
and containment solution

www.cellefill.com





Partner with experts

Cellefill™ is a turnkey, small batch, vial filling machine with an integrated containment solution.

The Good Manufacturing Practice (GMP) compliant system has been designed by aseptic fill/finish experts Flexicon Liquid filling and containment experts Franz Ziel.



Flexicon Liquid Filling—Scalable filling systems reduce validation costs and optimise investment as demand for capacity increases.

Flexicon uses highly accurate peristaltic pump technology in its configurable aseptic fill/finish systems. Flexicon's portfolio ranges from bench top units for manual filling through semi-automatic systems, to fully automatic filling, stoppering and capping machines.

Flexicon offer a range of liquid filling and capping systems that grow with your business.



Franz Ziel—Containment solutions for operator and product protection in aseptic or toxic processes.

With four decades of cleanroom experience and expertise, Franz Ziel is a leading company in this field. Franz Ziel's core competency is complex aseptic processing in the pharmaceutical industry. Franz Ziel provides customised GMP compliant solutions for all aseptic processing needs. Minimising interface adaptations and ensuring data integrity, Franz Ziel is also a full provider of system hardware and services. These complete solutions enable easier planning and commencement of your production line, whilst ensuring optimised workflow.

Fast track your cell, gene and biological therapies with process flexibility from your vial filling and containment solution



As a fully integrated solution for the biopharmaceutical industry, Cellefill maximises production capabilities through recipe driven operation and delivers enhanced levels of process assurance to accelerate your time to market.

Cellefill optimises your batch security with highly accurate peristaltic pump performance and integrated environmental monitoring.

The system maximises production of advanced therapy medicinal products (ATMPs) including cell and gene therapies (CGT), small batch pharmaceuticals and biologics.

From initial enquiry through to installation, to after sales support and validation package expertise, we are your project partner every step of the way.



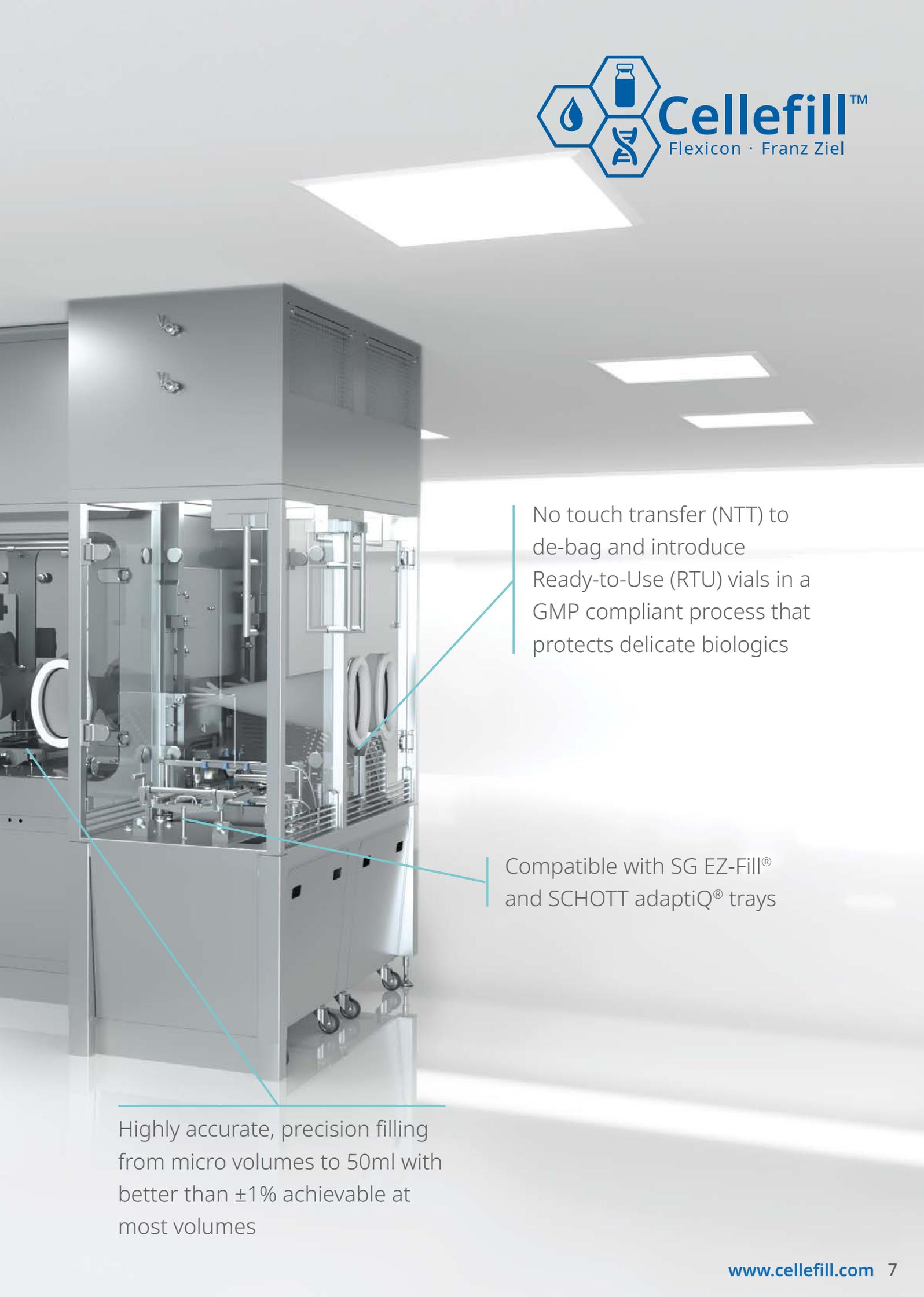
Containment solutions to meet your cleanroom and application needs

Integrated aseptic vial filling machine and containment solution reduces risk and cost

Fully integrated environmental monitoring system in strategically risk-assessed locations

Maximise production efficiency with recipe driven, remote set-up and no-format parts for the entire vial range

Reduced risk of batch loss with flexible in-process controls including 100% weight check with zero waste start-up



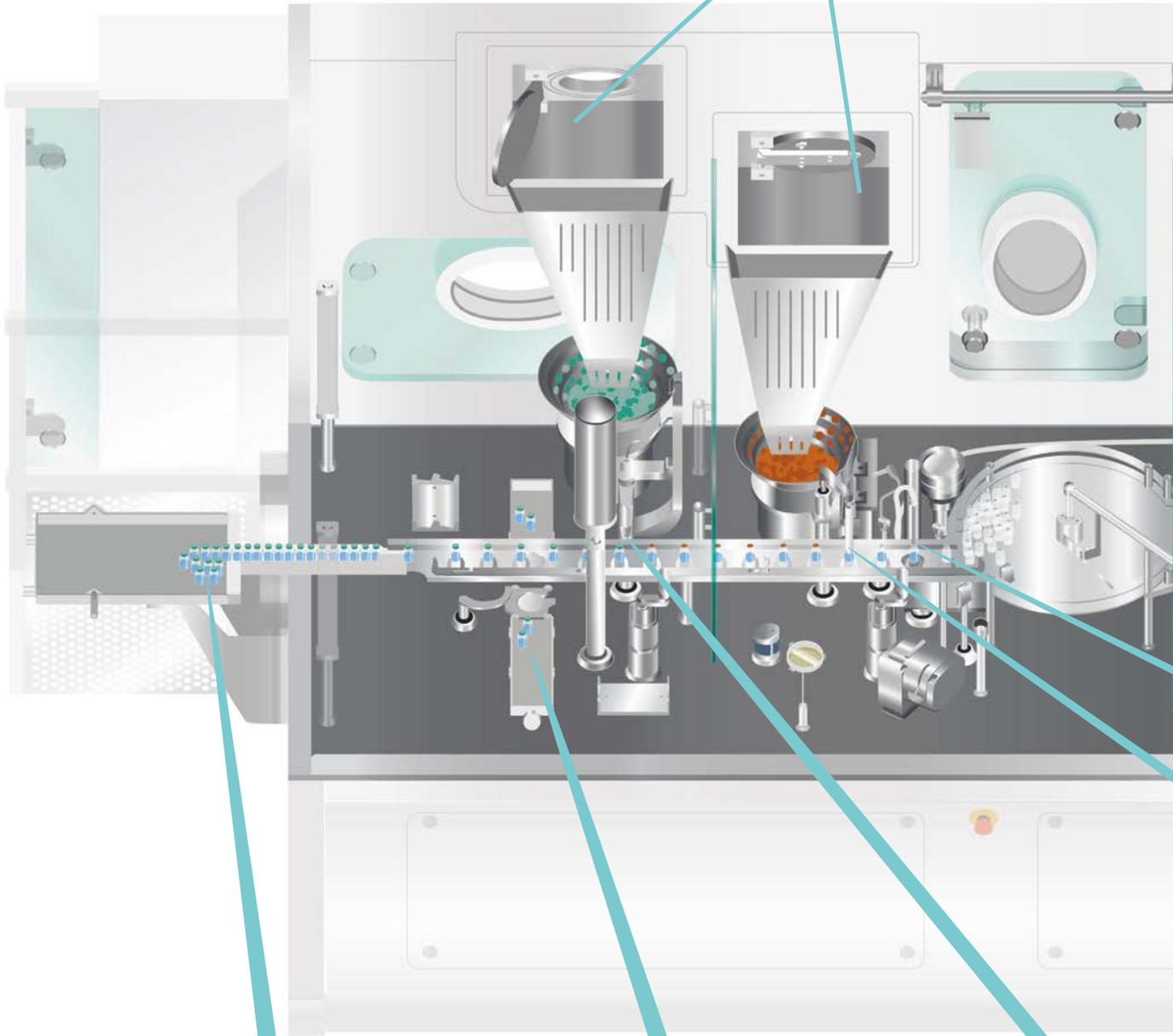
No touch transfer (NTT) to de-bag and introduce Ready-to-Use (RTU) vials in a GMP compliant process that protects delicate biologics

Compatible with SG EZ-Fill® and SCHOTT adaptiQ® trays

Highly accurate, precision filling from micro volumes to 50ml with better than $\pm 1\%$ achievable at most volumes

Visit www.cellefill.com
for full technical specifications

RTP PORTS
enable continuous processing



OUTFEED



**REJECT AND
SAMPLING**

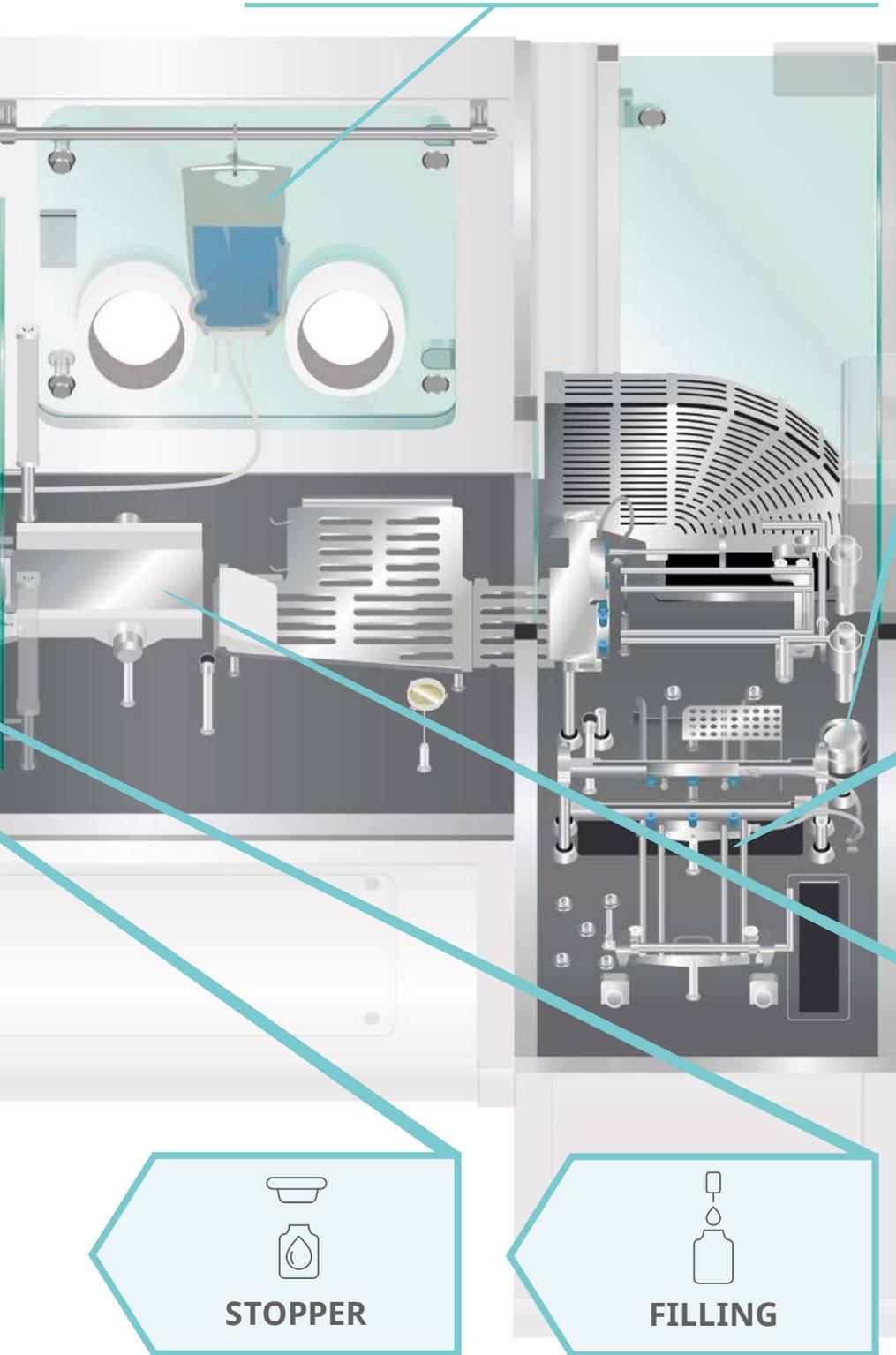


CAPPING

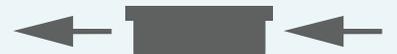
FINISH

asepticsu™ Filling

Flexicon peristaltic filling combined with asepticsu single-use technology reduces risk with no cross-contamination, no line cleaning, rapid product change-over and simplified validation.



**ENVIRONMENTAL
MONITORING**



NO TOUCH TRANSFER



STOPPER



FILLING



INFEED

START



Contact us to discuss toxic applications such as antibody drug conjugates (ADCs)



Cellefill model

oRAB

Barrier Technology

Open Restricted Access Barrier

Cleanroom Class

Grade B / ISO 7 cleanroom

Filling Line Type

Aseptic process filling line with manual disinfection.

Application

Sterile product protection of sensitive biologics, antibodies, cell protein or nucleic acid-based products.

Cellefill model

iASP

Barrier Technology

Double Wall Aseptic Isolator

Cleanroom Class

Grade C / ISO 8 cleanroom

Filling Line Type

Aseptic process filling line with automated VHP bio-decontamination.

Application

Sterile product protection of sensitive biologics, antibodies, cell protein or nucleic acid-based products.

Cellefill model

iBIO

Barrier Technology

Double Wall Aseptic Isolator

Cleanroom Class

Grade C / ISO 8 cleanroom

Filling Line Type

Aseptic-containment process filling line. Automated VHP bio-decontamination providing protection of sterile products with aerosol containment features and optional post-production VHP cycle for inactivation of live product/biologic residues.

Application

Hazardous biologics, individualised or live products requiring highest levels of cross contamination control or BSL2 containment.



Cellefill™ is a partnership between Flexicon Liquid Filling and Franz Ziel

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BIOTECHNOLOGY AND PHARMACEUTICAL SOLUTIONS

Flexicon Liquid Filling is part of Watson-Marlow Fluid Technology Solutions

