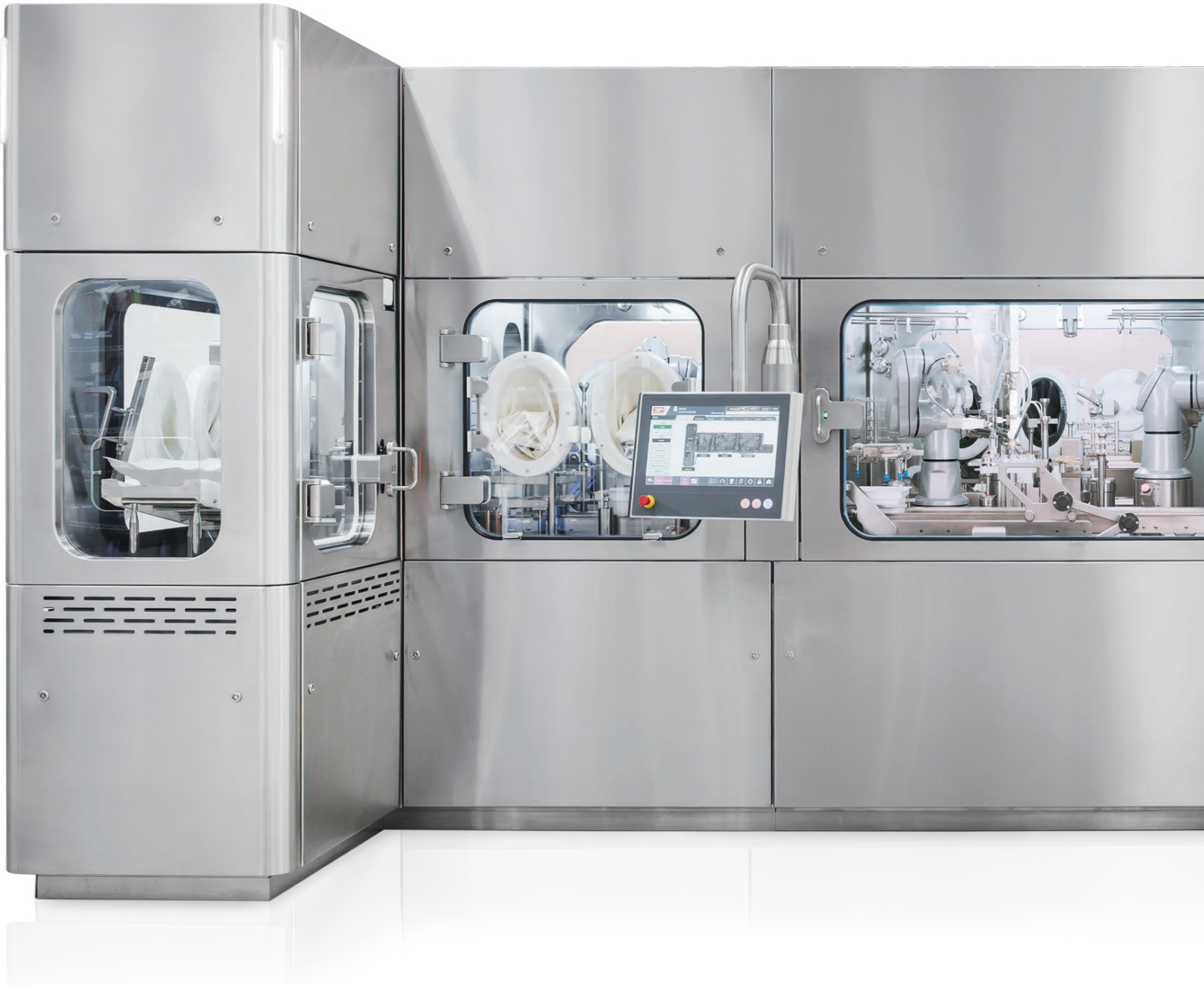
ROBOTIC FILL-FINISH CELL

roboFIL®

roboFIL™ is our fully automated robotic system, designed for **aseptic liquid or powder filling** of RTU containers.



ROBOFIL™ ROBOTIC FILL-FINISH CELL

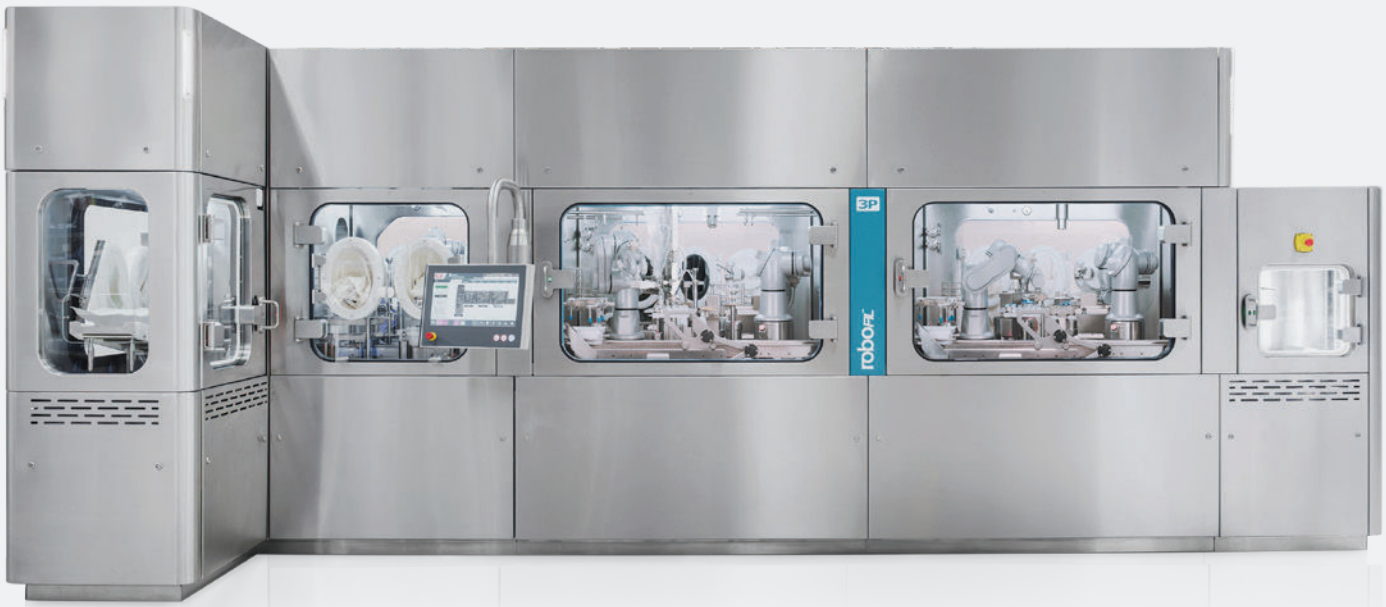
Engineered from the ground up following the latest Annex 1 revision. With 100% level of quality inspection and advanced reject management, roboFIL™ enhances quality assurance, supporting a robust Contamination Control Strategy (CSS).

RTU PRODUCT FLEXIBILITY

Compatible with any RTU-based product: **vials, syringes, cartridges, crimp caps**, and **press-fit caps –** on a single platform.

Vision-guided robots enable quick format changeover.

Crimp-cap vials **Cartridges** **Syringes** **Push-caps**



PLUG & GO

Compact design fits seamlessly into existing clean rooms, with minimal integration, offering a small footprint and simple set up.

SINGLE SOURCE SUPPLY

Both isolator and process equipment are designed, manufactured, and integrated by 3P innovation.

+44 (0) 1926 408 933

SMART ENGINEERING

Aseptic liquid & powder filling
roboFIL™ is capable of liquid or powder filling - or both. Making it suitable for reconstitution devices.

Configurable solution
Pre-configured modules allow you to tailor roboFIL™ to fit your aseptic processing needs.

Auto agar exchange plate
Eliminate routine interventions with our automated settle plate and active air sampling solution.

Revolving door
Simultaneous loading and unloading of RTU tubs to increase throughput and minimise downtime.

Air re-circulation technology
On board air-recirculation simplifies installation while reducing energy consumption.

Vision pick and place feeder
Our vision-guided feeder seamlessly handles press/crimp caps & stoppers - eliminating the need for bowl feeders.

QUALITY CONTROL

Each vial is carefully removed from the nest for individual filling, crimping or capping, ensuring 100% quality inspection.

Vials are only returned to the nest once all tests are successfully passed, enabling advanced reject management.

- 100% fill-weight verification
- 100% stopper placement inspection
- 100% crimp compression force measurement
- 100% crimp integrity inspection

TECHNICAL DETAILS

Compliance	GMP, FDA and MHRA compliant design, Annex 1 compliant.
Toxic products	Potent product capable: ADC, viral vectors, CGT, Cytotoxics, biosimilars. HEPA H14 safe change filtration.
Ongoing support	Best in-class service from our customer care division. Spares provided by 3P innovation. Global support service - we'll be with you in 48 hours.

enquiries@3Pinnovation.com

SMART ENGINEERING.
INNOVATION BEYOND AUTOMATION

3P innovation is the UK's leading supplier of aseptic fill-finish equipment, trusted by multinational clients to bring innovative products from concept to market. With over 1,000 years of combined engineering expertise, we provide end-to-end support for product development, production, and commercialisation.

pharma equipment

Pharma equipment is our unique portfolio designed to support you through the different phases of your product life cycle - from initial drug development, through clinical stage manufacturing and on to commercial scale production. With a focus on quality, our ranges have been developed to meet our core values of 'process understanding' and scalable methodology.

custom automation

Custom automation is our traditional area of business, working collaboratively with clients to support product and process innovation and development. We specialise in: liquid & powder fill-finish, aseptic manufacturing, device test & assembly and web-based material handling.

customer care

Our dedicated **customer care** department offers a comprehensive range of support services, backed by our machinery technicians and engineers. We provide ongoing support throughout the complete life-cycle of your machine.

BOOK A DISCOVERY CALL

Get in touch with one of our engineers to discuss your product, process or production needs.

3P innovation

www.3pinnovation.com **enquiries@3pinnovation.com**

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