RoboFIL Robotic Fill-Finish Cell		**Our fully automated robotic system is designed for aseptic liquid or powder filling of RTU containers - up to 5,000 batches per day** Engineered from the ground up following the latest Annex 1 revision. With 100% level of quality inspection and advanced reject management, roboFIL minimises contamination, supporting a robust Contamination Control Strategy (CSS). SINGLE SOURCE SUPPLY Both isolator and process equipment are designed, manufactured, and integrated by 3P innovation, for complete compatibility. This single-source approach simplifies controls, service, maintenance and technical support. RTU PRODUCT FLEXIBILITY Compatible with any RTU-based product- vials, syringes, cartridges, crimp caps, and press-fit caps - on a single platform. Our flexible vision-guided robot has removed the need for bowl feeders, enabling format changeover in minutes and introduction of new formats within hours. CONFIGURE YOUR SOLUTION Our roots in custom automation drive us to create tailored solutions for complex challenges. roboFIL™ features compact, modular chambers, offering configurable setups.
Vacuum Drum Development Platform	Blister Filling	**The Vacuum Drum Development Platform forms part of our Explore Range, designed for use in test-and-development centers. It aids early formulation process development and can produce initial blister strips to run tests on, ultimately assisting in the validation of a novel process.** Key features: • Handles potent APIs and hazardous powders • Cost effective solution over the rotary alternative (pellet strip filler) • Ultimate flexibility: Servo-controlled web handling enables multi format processing: the operator can alter blister shape, blister size, pitch and more. There is also the option to process single blisters. • Capable of incorporating variants in filling technology • Heat sealing lid foil onto base foil • Indexing web • Cuts strip to length + slit it to width • Twin lane • Integrated with a high containment isolator • Self-contained, standalone unit • Entirely wash-down
Compression Blister Development Platform		**Forming part of 3P innovation's Explore Range, this development platform compresses pellets and seals them within a blister strip. Used predominantly for dry powder inhalers (DPIs), the ultra-compact filler fits on your lab benchtop.** Key benefits: The fundamental process has been designed with scalability in mind; and is scalable from pilot-scale to high-speed commercial production (up to 7200 doses/min). Accurate, precision-adjusted dose weights minimise product usage and de-risk your clinical process Optimised compression of pellets to enhance aerosolization and maximise emitted dose

		Gain confidence that your process can produce products which comply with the device CQAs (Critical quality attributes) Clean filling and ejection process which prevents contamination of web (avoiding downstream issues with sealing/peel force) Proven performance with Magnesium stearate based powders
Robotic Capsule Filler	Capsule filling	**3P innovation's Robotic Capsule Filler, part of Pharma Equipment's Explore Range, integrates our award-winning Fill2Weight technology, eliminating 'formulation for filling' steps and reducing pre-clinical timescales, fast tracking to Phase III.** Currently available in two sizes: R500 (up to 500 capsules/hour) and R1000 (up to 1000 capsules/ hour) • Scalable, high-speed gravimetric filling technology • Integrates Fill2Weight technology • Capable of handling the most challenging of powders • Compressing clinical development timescales and reducing costs, this highly flexible system fills powders with challenging properties, without having to change the physical hardware. No minimum batch size is required. • This machine range enables customers to fill vials, capsules, syringes, cartridges and customer containers on the same machine. • Gentle powder handling, avoids compaction • Precise, clean, repeatable filling • 100% weight verification, recipe management system with 21CFR11 features compliant • Scalable, high-speed gravimetric filing technology • Fully automated • Fully cGMP compliant • Device mode capability • Flexible Filling Platform: No minimum batch sizes. The gravimetric filling system allows you to fill cohesive or free flowing powders with just the change of recipe parameters. Using the same hardware reduces time and costs. • Multi-stage Ionisation: Highly static powders and/or containers can be managed using an optional ionization system. • Scalable: As the core filling technology, Fill2Weight can be easily scaled up to a commercial production solution with direct transfer of critical process parameters.