

3P Innovation Announces Delivery of First Truly Aseptic, GMP Cryovial Filling Platform

The CryoFil is designed to automate the critical process of filling cryovials with cell and gene therapy products, ensuring the highest levels of sterility and consistency.

January 3, 2024; Warwick, UK – 3P Innovation, a leading provider of automated solutions for the pharmaceutical and biotechnology industries, today announced the delivery of its first truly aseptic, GMP cryovial filling platform.

Part of 3P Innovation's 'Discover Range', this innovative device marks a significant milestone in the advancement of aseptic cryogenic processing and sets a new standard for sterility assurance in the cell and gene therapy industry.

The CryoFil is designed to automate the critical process of filling cryovials with cell and gene therapy products, ensuring the highest levels of sterility and consistency. The platform employs advanced technologies, including intelligent closed-loop filling with 100% weight verification and a low-shear pump, to minimize cell damage and optimize filling efficiency. Additionally, the CryoFil features automated cryovial placement into racks for rapid transfer to controlled rate freezers, reducing the risk of contamination and ensuring rapid processing.

"We are thrilled to introduce the first truly aseptic GMP cryovial filler to the market," said Nick Brooks, Managing Director of 3P innovation.

"This platform represents our commitment to developing innovative solutions that address the critical quality and efficiency challenges faced by the cell and gene therapy industry. By introducing this technology, we are helping to elevate sterility assurance levels and advance industry practices in contamination prevention and risk reduction," Brooks continued.

Key Benefits of the CryoFil include:

- **Unprecedented sterility assurance:** the CryoFil's advanced design and technology provide unprecedented sterility assurance, setting a new benchmark in the industry.
- **100% in-process checks:** the system incorporates 100% in-process checks to ensure every vial is accurately filled and meets the required specifications.
- **Maximized cell yield:** the CryoFil's closed-loop filling system minimizes hold-up volume and ensures efficient filling, maximizing cell yield.
- **Precision and accuracy:** the system delivers precise and repeatable filling with a high-precision peristaltic pump, ensuring consistent dosing and product quality.
- **Compact and versatile:** the CryoFil has a compact footprint and can be integrated into standard BSCs or Isolators, making it a versatile solution for various lab settings.
- **Compliance and traceability:** the system generates a comprehensive batch report, providing full traceability of the process and complying with CFR 21 part 11 regulations.

The Cryovial Fillin Platform is the latest addition to 3P innovation's Discover Range, a portfolio of GMP-compliant equipment designed to support early-stage drug development activities in the cell and gene therapy industry. With this innovative platform, 3P innovation is committed to providing the industry

with the tools and technologies it needs to advance the development of life-saving cell and gene therapies.

3P Innovation has confirmed attendance and exhibition space at Advanced Therapies Week 2024, following initiation of the concept and demand for the product on a previous Advanced Therapies Week show floor.

About 3P Innovation

3P innovation is a world-class, life-sciences engineering and process automation company with a strong track record helping multi-national clients to develop, launch and commercialise new products faster and at a lower cost. We design, manufacture and support high-end production equipment and machinery, from lab-scale to commercial scale.

3P innovation was established in 2006 by a group of like-minded engineers with a passion for high-performance machinery and innovation. In September 2023, we moved in to a new purpose-built facility doubling our business capacity and positioning the business for further growth. This has been designed to suit our 'high-tech', innovation-driven focus and activities and provides us with high-specification, expansive work-shops and scope to expand further. In 2020 and 2021 it was recognised for innovation and business growth through the granting of a Queens Award for Enterprise in Innovation and International Trade.

For more information, visit www.3pinnovation.com

About Advanced Therapies Week

Advanced Therapies Week was created for knowledge sharing, relationship building and deal making. For 20 years the event has been home to the largest marketplace for tools and tech. Advanced Therapies Week is dedicated to helping biotech progress on their commercialization journey, as well as pushing the industry one step closer to delivering life changing treatments to patients. The event is about creating moments of natural connection for the Advanced Therapies industry that spark long-lasting relationships, stretching far beyond transactional.

Find out more, visit: <https://advancedtherapiesweek.phacilitate.com>

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