



EXPERIC

The Experic Difference for Dry Powder Inhalation **Experience It**

When you need customized and scalable filling, packaging and logistics solutions for reservoir and single-dose dry powder inhalation (DPI) devices, Experic offers an experienced team and state-of-the-art capabilities. With comprehensive services from formulation and GMP manufacturing to packaging and distribution at clinical and commercial scale, Experic's quality-focused approach delivers the outcome you deserve.



Expert Team

The knowledgeable Experic team understands the challenges you face bringing your product through clinical and to the market. A strong foundation of experience allows us to quickly identify issues and offer the best solution. The team's experience includes:

- More than a decade working with DPI
- Formulation and development of multiple products
- Clinical and commercial manufacturing
- Supply chain logistics



Development Capabilities

We address the unique properties of each powder formulation to find the optimal solution for lactose-based and spray-dried formulations, cohesive powders and pure active pharmaceutical ingredients, accounting for aerosolization of fine particles, clumping and bridging characteristics. We offer:

- Early development for any single dose unit
- Process development, formulation and optimization
- Clinical scale low-shear and high-shear blending



Manufacturing Capabilities

The successful, accurate dosing and filling of powders is a universal challenge in drug development, even for formulations that have good flow properties. At Experic, we tackle that challenge with cutting-edge equipment and solutions to accommodate a range of product properties, particle sizes, doses and throughput requirements, including:

- Capsule filling of sizes from 3 to 00
- Doses from 1 mg to 50 mg and reservoir device filling up to 5 g
- Weight verification up to 100%
- Environmental controls to less than 10% relative humidity
- Blister packaging
- Equipment includes a Harro Höfliger DrumLab, Modu-C LS IPC with drum, MicroVibe TT and SDM auger



Full Clinical Trial Support

From consulting on optimal approaches regarding formulation, filling, packaging and delivery, we simplify your DPI processes, shortening your supply chain and reducing the number of shipping steps, including:

- Primary and secondary packaging
- Labeling (including blinding), kitting and clinical supply services and support
- Activities from forecasting and planning to distribution to investigator sites and patients

About Experic

Experic, a contract manufacturing organization (CMO) and pharmaceutical supply services company, supports every phase of a product's life cycle from conception to clinical and commercial scale, across a range of dosing and packaging formats, including capsules filling, powder and pellet dosing (including DPI) and auto-injectors and pen assemblies. Utilizing cutting-edge Harro Höfliger equipment in our state-of-the-art, Class A cGMP facility, we manage global delivery of the highest quality products, even for expedited projects, while providing unparalleled knowledge, expertise and customer service.