



Report Brochure

Dry Powder Inhalation Devices, Products and Markets

Technology, Features, Players and Forecasts

Greystone
Research Associates

Evolution in Engineering

The rising potential of dry powder inhalation is being driven by research activity in powder formulations, advances in particle engineering, and the development of novel device architectures. The combination of improved particle properties and more efficient inhaler designs is creating new opportunities for dry powder inhalation and expanding the range of active compounds that can be effectively delivered to the lung via DPI. As aging population demographics and managed care initiatives drive growth in home health care and self-administration of drug therapies, inhaled medicine is increasingly being viewed as patient - friendly and cost -effective. Our analysis demonstrates that inhaled administration in general, and DPI in particular, are well positioned to take advantage of these trends and evolve into a significant factor in the future of pharmaceutical development and the commercialization of therapeutic drugs.

Market-driven Product Strategies

A longer life span is expected to translate to a growing number of patients diagnosed with chronic conditions. To counteract the financial and medical infrastructure implications of this trend, pressure from the public sector and managed care organizations will place a premium on therapeutic self-administration, an expectation that is creating an increased interest in routes of administration that are patient-friendly and cost-effective. Pharma company decision makers have come to the realization that for many products, success no longer only depends on the medication itself but also on achieving a consumer-compatible form of packaging and application.



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Executive Summary

The Drug Delivery Self-Administration Market Space

- The Inhaled Drug Value Proposition
- Market Segments and Indications
- Competing Technologies
- Established Therapeutic Targets
- Demographics and Growth
- Market Drivers
- Risk Factors

Dry Powder Technology & Markets

- Dry Powder Formulations
- Particle Technology/Engineering
- DPI Product Segments
- DPI Inhaler Design Categories
- DPI Commercial Strategies
- DPI Product Design Parameters

Commercial Device Assessment & Analysis (31 Devices)

- Drug Form Factor
- Drug Dosing
- Drug Delivery Method
- Dose Design
- Device Life Cycle
- Patient Feedback Features
- Advanced Patient Care Management Features
- Device Ecosystem
- Device Design
- Device Supplier
- Device Marketing

FDA Approved DPI Products

- Mono-drug Products
- Dual Drug Products

EMA Approved DPI Products

- Mono-drug Products
- Dual Drug Products

Therapeutic Segment Analysis, Data & Forecasts

- Upper Respiratory
- Systemic Indications

Market Factors

- Regulatory Issues
- Device Branding
- Patient Compliance and Ease of Use
- Healthcare Economics

Company Profiles

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Our reports are carefully researched and written to provide timely and insightful analysis of key factors and developments shaping the commercial marketplace. The focused nature of our publications is designed to allow readers to identify emerging demand and growth opportunities in selected markets. Numerous charts, tables and graphs complement the text, with evaluations and assessments of current and probable future market developments, technology issues and business factors - information necessary to compete effectively in the global marketplace.

What You Will Learn

- What inhalable drugs are supplied in powder form, how are they marketed, what are the device specifics, and who markets them?
- What inhalable dry powder drugs are in late stage development, who are the developers, and what indications are they targeting?
- What are the major factors driving inhaled dry powder drug/device demand?
- What is the size of the market today, who are the market share leaders, and what will the market share be in 2026?
- How important are drug developer-device manufacturer relationships and what are the key alliances in the industry?
- What are the essential design factors, technologies and market development issues for dry powder inhalation products?
- What are the significant economic, technology, and regulatory factors affecting the market for dry powder inhalers?

Report Value Chain – Who Should Read this Report

Development

- Drug Developers
- Device Suppliers
- CMOs
- Components/APIs
- Testing/Validation
- Clinical Trial Mgmt

Industry

- Pharma Managers
- Biotech Managers
- Drug Marketers
- Industry Strategists
- Financial Analysts
- Management Consultants

Market

- Clinical Managers
- Drug Distributors
- Pharma Regulators
- FDA Consultants
- Managed Care Managers

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Report Format and Availability

This report is available electronic format. A single user license as well as licenses for multiple users are available. Custom licensing options to address specific company user requirements are available by calling client services at 603-595-4340, or by emailing clientservices@greystoneassociates.org.

Methodology

Research methodology is based on primary research in the form of in-depth interviews with key market participants, technology developers, distributors, industry experts, and market influencers, a list that includes regulatory officials, industry trade groups, and materials standards organizations.

Primary data is evaluated and normalized against secondary sources including trade journal articles, technical literature, industry publications, company data sheets and published information, and statistical data from government agencies and trade associations. Forecasts and projections of market demand and future market activity are derived using standards

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- Managed Care Managers

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