

Life Science Technology Practice

A Comprehensive Report

# Dual Chamber Syringes & Injectors to 2024

Devices, Therapeutics, Markets, Players & Forecasts

Report Prospectus

Greystone  
Research Associates

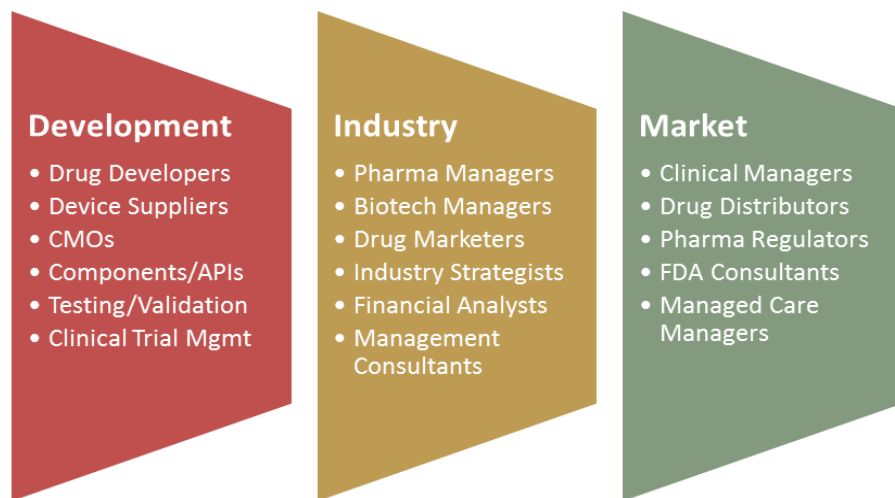


Greystone Research Associates is pleased to announce the publication of a new market assessment. **Dual Chamber Syringes & Injectors to 2024: Devices, Therapeutics, Markets, Players and Forecasts** is a comprehensive evaluation and analysis of the technology, products and participants providing the driving force behind this evolving segment of the healthcare sector. The study is designed to provide drug company decision makers, drug delivery developers, device designers, healthcare marketers, and supply chain participants with a detailed understanding of the economics, technologies, disease segments, and commercial opportunities for injection devices that incorporate two chambers for facilitating the mixing and reconstitution of lyophilized drugs at the point of care. Provider organization business managers, healthcare administrators and investors will also benefit from this study.

### Converging Factors Driving the Growth of Dual Chamber Devices

Dual chamber injection devices can be classified as either dual chamber syringes or dual chamber pen injectors. The Pen injector segment can be further divided into single-use dual chamber pen injectors and reusable dual chamber pen injectors. The latter relies on the use of a replaceable dual chamber cartridge that is inserted into the pen injector prior to use. While the use of dual chamber devices represents a cost premium for drug marketers relative to competing reconstitution methods such as vial adaptors, it also provides an opportunity for branding. Dual chamber injection device demand is being driven by the growing number of lyophilized drugs and the need to reconstitute them before they can be administered. Currently only a small number of lyophilized drugs are packaged, or bundled, with reconstitution devices – most lyophilized drugs for injection are typically sold in vials packaged with a diluent syringe - but this is changing as improved dual chamber device designs enter the market.

### Report Value Chain – Who Should Read This Report



**Executive Summary**

**Specialty Injection Device Market Dynamics**

Drug Formulation Evolution  
Specialty Injection Device Demand Drivers  
    Chronic Conditions and Self-Administration  
    The Growth of Biologicals  
    Shifting Patient Demographics  
    Drug Economics, Safety and Compliance  
    Device Design and Innovation  
Competitive Landscape  
Technology Market Drivers

**The Dual Chamber Injection Device Analysis**

Dual Chamber Cartridges  
    Branded Devices  
    Supply Chain  
    Commercial Drug Products  
Dual Chamber Injectors  
    Branded Devices  
    Supply Chain  
    Commercial Drug Products  
Dual Chamber Syringes  
    Branded Devices  
    Supply Chain  
    Commercial Drug Products  
Product-Specific Devices  
Product Specific Device Development  
Specialty Devices  
OEM Devices

**Dual Chamber Therapeutic Segments – Market Data & Forecasts**

Glycemic Control  
Hereditary Conditions  
Hormone Replacement  
Infectious Disease  
Metabolic Conditions  
Oncology  
Reproductive Health  
Other Therapeutic Segments

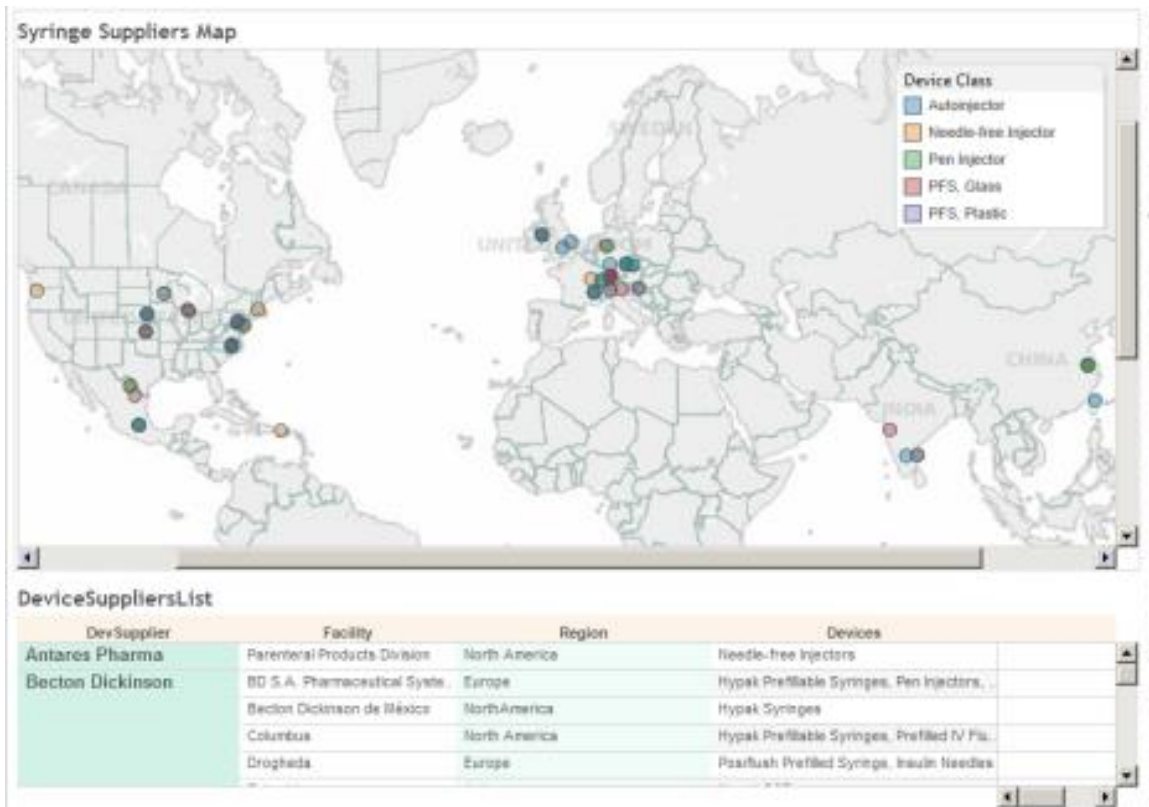
**Market Factors**

Device Product Strategies  
Device Economics  
Product Branding  
Direct-to-Consumer Marketing  
Managed Care Trends

**Company Profiles**

# Detailed Quantitative Market Data

## Over 30 Charts & Tables



Example graphs. Report graphs may vary.

# What You Will Learn

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- What are the currently marketed dual chamber syringes and injection devices and what is their impact on markets for therapeutic injectable lyophilized drugs?
- What are the therapeutic demand drivers for user-friendly point-of-use reconstitution devices and what specifically is the potential of dual chamber syringes and injector systems?
- What are the key dual chamber device selection factors, technologies and market development issues?
- What does the current dual chamber device market look like, who are the market leaders, and what will this market look like in 2024?
- What companies supply dual chamber syringe and injector devices, and what are their product activities, business strategies, and corporate alliances and affiliations?
- How important are pharma-device alliances and design partnerships on dual chamber injection devices?
- What is the impact of economic, technology, and regulatory factors?

## Report Format and Availability

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This report is available electronic format. A site license for a single physical location and a corporate license are also 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](mailto:clientservices@greystoneassociates.org).

## Methodology

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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 standard modeling and statistical techniques.

## About Greystone Associates

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Greystone Associates is a medical technology consulting firm focused on the areas of medical market strategy, product commercialization, venture development, and market research. We assist medical and healthcare market participants in achieving their business objectives through the creation of detailed development strategies, product commercialization programs, and comprehensive market and technology research and analysis.

Our market research publications are designed, researched and written to provide timely and insightful information and data on focused market segments, with the aim of providing market participants with the essential knowledge to refine and execute their marketing plans and financial targets.

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