

# Global Medical-Grade Mannitol Injection Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/GBE556499822EN.html>

Date: January 2026

Pages: 108

Price: US\$ 3,480.00 (Single User License)

ID: GBE556499822EN

## Abstracts

According to our (Global Info Research) latest study, the global Medical-Grade Mannitol Injection market size was valued at US\$ 280 million in 2025 and is forecast to a readjusted size of US\$ 425 million by 2032 with a CAGR of 6.1% during review period.

Medical mannitol injection is a hypertonic intravenous preparation with mannitol as its main component, and is a commonly used dehydrating agent and osmotic diuretic in clinical practice. It works by increasing plasma osmotic pressure, causing water from interstitial spaces and cells to enter the blood vessels and be rapidly excreted by the kidneys. This achieves the effects of reducing intracranial pressure, reducing intraocular pressure, and promoting diuresis. It is widely used in clinical settings for cerebral edema, intracranial hypertension, acute glaucoma, and for the prevention or treatment of acute renal failure.

The upstream of the medical mannitol injection industry chain mainly includes the production and supply of mannitol raw materials, as well as basic raw materials such as water for injection and packaging materials (such as glass infusion bottles or plastic infusion bags, stoppers, and aluminum caps); the midstream involves the preparation and production of medical mannitol injection, covering key processes such as dissolution, filtration, pyrogen removal, sterile filling, sterilization, quality testing, and regulatory registration, requiring high standards of GMP compliance and production stability; the downstream distribution is through pharmaceutical distribution companies to various levels of hospitals and some primary healthcare institutions, mainly used in clinical departments such as neurosurgery, ophthalmology, emergency medicine, and critical care medicine. It is significantly affected by medical insurance policies, clinical medication guidelines, and changes in medical demand.

In 2025, the average price of medical mannitol injection is US\$1 per dose, with sales volume reaching 272 million doses. The gross profit margin of medical mannitol injection is approximately 53%, and the total production capacity is 389 million doses.

This report is a detailed and comprehensive analysis for global Medical-Grade Mannitol Injection market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

### **Key Features:**

Global Medical-Grade Mannitol Injection market size and forecasts, in consumption value (\$ Million), sales quantity (K Dose), and average selling prices (US\$/Dose), 2021-2032

Global Medical-Grade Mannitol Injection market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Dose), and average selling prices (US\$/Dose), 2021-2032

Global Medical-Grade Mannitol Injection market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Dose), and average selling prices (US\$/Dose), 2021-2032

Global Medical-Grade Mannitol Injection market shares of main players, shipments in revenue (\$ Million), sales quantity (K Dose), and ASP (US\$/Dose), 2021-2026

### **The Primary Objectives in This Report Are:**

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Medical-Grade Mannitol Injection
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Medical-Grade Mannitol Injection market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key

companies covered as a part of this study include Baxter Healthcare Company, Fresenius Kabi USA, B. Braun Medical, Pfizer, ICU Medical, American Regent, Otsuka Pharmaceuticals, Fresenius Kabi, Nanogen Pharma, Anhui Fengyuan Pharmaceutical, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

## **Market Segmentation**

Medical-Grade Mannitol Injection market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

### Market segment by Type

Low Concentration

High Concentration

### Market segment by Packaging Form

Glass Bottles

Plastic Infusion Bags

### Market segment by Usage Scenarios

Standard Clinical Infusion Type

Emergency and Critical Care Type

### Market segment by Application

Hospital

Clinic

Others

#### Major players covered

Baxter Healthcare Company

Fresenius Kabi USA

B. Braun Medical

Pfizer

ICU Medical

American Regent

Otsuka Pharmaceuticals

Fresenius Kabi

Nanogen Pharma

Anhui Fengyuan Pharmaceutical

Guosen Pharmaceutical

Anhui Globe Pharmaceutical

Cisen Pharmaceutical

Chengdu Brilliant Pharmaceutical

Dongguan Puji Pharmaceutical

Market segment by region, regional analysis covers  
North America (United States, Canada, and Mexico)  
Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)  
Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)  
South America (Brazil, Argentina, Colombia, and Rest of South America)  
Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

**The content of the study subjects, includes a total of 15 chapters:**

Chapter 1, to describe Medical-Grade Mannitol Injection product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Medical-Grade Mannitol Injection, with price, sales quantity, revenue, and global market share of Medical-Grade Mannitol Injection from 2021 to 2026.

Chapter 3, the Medical-Grade Mannitol Injection competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Medical-Grade Mannitol Injection breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Medical-Grade Mannitol Injection market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Medical-Grade Mannitol Injection.

Chapter 14 and 15, to describe Medical-Grade Mannitol Injection sales channel, distributors, customers, research findings and conclusion.

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