

# Global Medical Germanium Gallium Generator Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/M1D21423876AEN.html>

Date: December 2025

Pages: 99

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

ID: M1D21423876AEN

## Abstracts

According to our (Global Info Research) latest study, the global Medical Germanium Gallium Generator market size was valued at US\$ million in 2024 and is forecast to a readjusted size of USD million by 2031 with a CAGR of %during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

Medical Ge-Ga generators are a special radionuclide generator that uses Ge-68 ( $^{68}\text{Ge}$ ) as the parent isotope and continuously produces Gallium-68 ( $^{68}\text{Ga}$ ) through its radioactive decay. Gallium-68 is a positron emitter with a short half-life (about 67.71 minutes) and is suitable for medical diagnostic technologies such as PET (positron emission computed tomography). The germanium gallium generator usually consists of a closed system that contains a carrier (such as a titanium dioxide layer on a borosilicate glass column) with germanium-68 adsorbed on it. Germanium-68 releases electrons and neutrons during the decay process, and some of the decay products are gallium-68. Gallium-68 can be eluted from the generator through a specific eluent (such as sterile ultrapure 0.1 molar hydrochloric acid) for subsequent medical applications.

Ge-Ga generators, especially Ge-68-Ga-68 generators, are increasingly used in the medical field, especially in the field of nuclear medicine. With the continuous advancement of medical technology, the technology of Ge-Ga generators is also constantly innovating. Manufacturers are committed to improving the performance, stability and reliability of products to meet the needs of medical institutions for high-quality imaging diagnosis. In addition, with the intensification of the trend of population

aging and the rising incidence of diseases such as tumors and cancer, medical institutions have an increasing demand for advanced diagnostic technologies such as PET. This will drive the further growth of the medical Ge-Ga generator market. In summary, the medical Ge-Ga generator market has great development potential and broad market prospects.

This report is a detailed and comprehensive analysis for global Medical Germanium Gallium Generator 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 Germanium Gallium Generator market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2020-2031

Global Medical Germanium Gallium Generator market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2020-2031

Global Medical Germanium Gallium Generator market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2020-2031

Global Medical Germanium Gallium Generator market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (K US\$/Unit), 2020-2025

### **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 Germanium Gallium Generator
- 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 Germanium Gallium Generator 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 Munters, Eckert & Ziegler, IRE ELiT, Rosatom, Cyclotron, iThemba LABS Cyclotron, ITM Isotope Technologies Munich SE, Proton OnSite, Rotary Concentrators, China General Nuclear Isotope Technology, etc.

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

## **Market Segmentation**

Medical Germanium Gallium Generator market is split by Type and by Application. For the period 2020-2031, 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**

Decay

Other

### **Market segment by Application**

Medical Industry

Other

### **Major players covered**

Munters

Eckert & Ziegler

IRE ELiT

Rosatom

Cyclotron

iThemba LABS Cyclotron

ITM Isotope Technologies Munich SE

Proton OnSite

Rotary Concentrators

China General Nuclear Isotope Technology

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 Germanium Gallium Generator product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Medical Germanium Gallium Generator, with price, sales quantity, revenue, and global market share of Medical Germanium Gallium Generator from 2020 to 2025.

Chapter 3, the Medical Germanium Gallium Generator competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Medical Germanium Gallium Generator breakdown data are shown at

the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

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 2020 to 2031.

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 2020 to 2025. and Medical Germanium Gallium Generator market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 Germanium Gallium Generator.

Chapter 14 and 15, to describe Medical Germanium Gallium Generator sales channel, distributors, customers, research findings and conclusion.

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