

2026-2031 Global Xenon-127 Outlook Market Size, Share & Trends Analysis Report By Player, Type, Application and Region

<https://marketpublishers.com/r/X27CB9D39572EN.html>

Date: October 2026

Pages: 149

Price: US\$ 3,150.00 (Single User License)

ID: X27CB9D39572EN

Abstracts

HNY Research projects that the Xenon-127 market size will grow from 2.42 Million USD in 2025 to 4.07 Million USD by 2031, at an estimated CAGR of 9.05%. The base year considered for the study is 2025, and the market size is projected from 2026 to 2031.

For 2025 regional market size, the North America market size was 0.58 Million USD, the Europe market size was 0.44 Million USD, and the Asia market size was 0.53 Million USD.

This report presents a detailed and holistic analysis of the global Xenon-127 market. It integrates quantitative data with qualitative insights to equip readers with the necessary information for strategic planning, competitive assessment, market positioning, and data-driven decision-making.

All market sizes, estimates, and forecasts are expressed in terms of output/shipments and revenue. With 2025 serving as the base year, the report provides historical context from 2020. and projections up to 2031. It includes a complete segmentation of the global market, along with regional market sizes analyzed by type, application, and key industry participants.

Further enriching the analysis, the report outlines the competitive environment, offering profiles of prominent players and their market standings. It also explores key technological advancements and recent developments in product offerings.

Ultimately, this report serves as a vital resource for Xenon-127 manufacturers, prospective entrants, and other stakeholders within the industry value chain. It supplies

comprehensive data on revenues, production, and average pricing for the overall market and its sub-segments, detailed by company, product type, application, and geographic region.

By Market Players:

Rosatom

Los Alamos National Laboratory(NIDC)

Laboratoire National Henri Becquerel

By Type

Radionuclidic Purity:>99%

Radionuclidic Purity:~99%

By Application

Nuclear Medicine

Scientific Research

By Regions/Countries:

North America

East Asia

Europe

South Asia

Southeast Asia

Middle East

Africa

Oceania

South America

Points Covered in The Report

The points that are discussed within the report are the major market players that are involved in the market such as market players, raw material suppliers, equipment suppliers, end users, traders, distributors and etc.

The complete profile of the companies is mentioned. And the capacity, production, price, revenue, cost, gross, gross margin, sales volume, sales revenue, consumption, growth rate, import, export, supply, future strategies, and the technological developments that they are making are also included within the report. This report analyzed 12 years data history and forecast.

The growth factors of the market is discussed in detail wherein the different end users of the market are explained in detail.

Data and information by market player, by region, by type, by application and etc, and custom research can be added according to specific requirements.

The report contains the SWOT analysis of the market. Finally, the report contains the conclusion part where the opinions of the industrial experts are included.

Key Reasons to Purchase

To gain insightful analyses of the market and have comprehensive understanding of the global market and its commercial landscape.

Assess the production processes, major issues, and solutions to mitigate the development risk.

To understand the most affecting driving and restraining forces in the market and its impact in the global market.

Learn about the market strategies that are being adopted by leading respective organizations.

To understand the future outlook and prospects for the market.

Besides the standard structure reports, we also provide custom research according to specific requirements.

Contents

1 REPORT OVERVIEW

- 1.1 Study Scope
- 1.2 Key Market Segments
- 1.3 Global Market Size by Player 2020-2025
- 1.4 Global Market Size by Type in 2026-2031
 - 1.4.1 Global Market Size by Type in 2026-2031
 - 1.4.2 Radionuclidic Purity:>99%
 - 1.4.3 Radionuclidic Purity:~99%
- 1.5 Global Market Size by Application in 2026-2031
 - 1.5.1 Global Market Size by Application in 2026-2031
 - 1.5.2 Nuclear Medicine
 - 1.5.3 Scientific Research
- 1.6 Global Market Size by Region 2026-2031
 - 1.6.1 Global Market Size Outlook 2026-2031
 - 1.6.2 North America
 - 1.6.3 East Asia
 - 1.6.4 Europe
 - 1.6.5 South Asia
 - 1.6.6 Southeast Asia
 - 1.6.7 Middle East
 - 1.6.8 Africa
 - 1.6.9 Oceania
 - 1.6.10 South America
 - 1.6.11 Rest of the World

2 MANUFACTURING COST STRUCTURE ANALYSIS 2026

- 2.1 Manufacturing Cost Structure Analysis of Xenon-127 2026
- 2.2 Industry Chain Structure Analysis of Xenon-127 2026

3 MARKET COMPETITION ANALYSIS BY PLAYERS 2020-2025

- 3.1 Global Xenon-127 Production Capacity by Players 2020-2025
- 3.2 Global Xenon-127 Production Revenue by Players 2020-2025
- 3.3 Global Xenon-127 Ex-Factory Price by Players 2020-2025

4 MARKET COMPETITION ANALYSIS BY REGION 2020-2025

4.1 Global Xenon-127 Production by Region 2020-2025

4.1.1 Global Xenon-127 Production Volume by Region 2020-2025

4.1.2 Global Xenon-127 Production Revenue by Region 2020-2025

4.2 Global Xenon-127 Consumption Volume by Region 2020-2025

4.3 North America Xenon-127 Market Competition Analysis 2020-2025

4.3.1 North America Xenon-127 Production Volume Analysis 2020-2025

4.3.2 North America Xenon-127 Production Revenue Analysis 2020-2025

4.3.3 North America Xenon-127 Sales Volume by Key Players 2020-2025

4.3.4 North America Xenon-127 Production, Consumption, Import and Export 2020-2025

4.4 East Asia Xenon-127 Market Competition Analysis 2020-2025

4.4.1 East Asia Xenon-127 Production Volume Analysis 2020-2025

4.4.2 East Asia Xenon-127 Production Revenue Analysis 2020-2025

4.4.3 East Asia Xenon-127 Sales Volume by Key Players 2020-2025

4.4.4 East Asia Xenon-127 Production, Consumption, Import and Export 2020-2025

4.5 Europe Xenon-127 Market Competition Analysis 2020-2025

4.5.1 Europe Xenon-127 Production Volume Analysis 2020-2025

4.5.2 Europe Xenon-127 Production Revenue Analysis 2020-2025

4.5.3 Europe Xenon-127 Sales Volume by Key Players 2020-2025

4.5.4 Europe Xenon-127 Production, Consumption, Import and Export 2020-2025

4.6 South Asia Xenon-127 Market Competition Analysis 2020-2025

4.6.1 South Asia Xenon-127 Production Volume Analysis 2020-2025

4.6.2 South Asia Xenon-127 Production Revenue Analysis 2020-2025

4.6.3 South Asia Xenon-127 Sales Volume by Key Players 2020-2025

4.6.4 South Asia Xenon-127 Production, Consumption, Import and Export 2020-2025

4.7 Southeast Asia Xenon-127 Market Competition Analysis 2020-2025

4.7.1 Southeast Asia Xenon-127 Production Volume Analysis 2020-2025

4.7.2 Southeast Asia Xenon-127 Production Revenue Analysis 2020-2025

4.7.3 Southeast Asia Xenon-127 Sales Volume by Key Players 2020-2025

4.7.4 Southeast Asia Xenon-127 Production, Consumption, Import and Export 2020-2025

4.8 Middle East Xenon-127 Market Competition Analysis 2020-2025

4.8.1 Middle East Xenon-127 Production Volume Analysis 2020-2025

4.8.2 Middle East Xenon-127 Production Revenue Analysis 2020-2025

4.8.3 Middle East Xenon-127 Sales Volume by Key Players 2020-2025

4.8.4 Middle East Xenon-127 Production, Consumption, Import and Export 2020-2025

4.9 Africa Xenon-127 Market Competition Analysis 2020-2025

- 4.9.1 Africa Xenon-127 Production Volume Analysis 2020-2025
- 4.9.2 Africa Xenon-127 Production Revenue Analysis 2020-2025
- 4.9.3 Africa Xenon-127 Sales Volume by Key Players 2020-2025
- 4.9.4 Africa Xenon-127 Production, Consumption, Import and Export 2020-2025
- 4.10 Oceania Xenon-127 Market Competition Analysis 2020-2025
 - 4.10.1 Oceania Xenon-127 Production Volume Analysis 2020-2025
 - 4.10.2 Oceania Xenon-127 Production Revenue Analysis 2020-2025
 - 4.10.3 Oceania Xenon-127 Sales Volume by Key Players 2020-2025
 - 4.10.4 Oceania Xenon-127 Production, Consumption, Import and Export 2020-2025
- 4.11 South America Xenon-127 Market Competition Analysis 2020-2025
 - 4.11.1 South America Xenon-127 Production Volume Analysis 2020-2025
 - 4.11.2 South America Xenon-127 Production Revenue Analysis 2020-2025
 - 4.11.3 South America Xenon-127 Sales Volume by Key Players 2020-2025
 - 4.11.4 South America Xenon-127 Production, Consumption, Import and Export 2020-2025

5 MARKET COMPETITION ANALYSIS BY TYPE (SALES VIEW) 2020-2031

- 5.1 Global Xenon-127 Historic Market Size by Type in 2020-2025
- 5.2 Global Xenon-127 Forecasted Market Size by Type in 2026-2031

6 MARKET COMPETITION ANALYSIS BY APPLICATION (CONSUMPTION VIEW) 2020-2031

- 6.1 Global Xenon-127 Historic Market Size by Application in 2020-2025
- 6.2 Global Xenon-127 Forecasted Market Size by Application in 2026-2031

7 LEADING COMPANY PROFILES AND KEY FIGURES IN XENON-127 BUSINESS 2020-2025

- 7.1 Rosatom
 - 7.1.1 Rosatom Company Profile
 - 7.1.2 Rosatom Xenon-127 Product Specification
 - 7.1.3 Rosatom Xenon-127 Production Capacity, Revenue, Price and Gross Margin 2020-2025
- 7.2 Los Alamos National Laboratory(NIDC)
 - 7.2.1 Los Alamos National Laboratory(NIDC) Company Profile
 - 7.2.2 Los Alamos National Laboratory(NIDC) Xenon-127 Product Specification
 - 7.2.3 Los Alamos National Laboratory(NIDC) Xenon-127 Production Capacity,

Revenue, Price and Gross Margin 2020-2025

7.3 Laboratoire National Henri Becquerel

7.3.1 Laboratoire National Henri Becquerel Company Profile

7.3.2 Laboratoire National Henri Becquerel Xenon-127 Product Specification

7.3.3 Laboratoire National Henri Becquerel Xenon-127 Production Capacity, Revenue, Price and Gross Margin 2020-2025

8 MARKET FORECAST ANALYSIS ON PRODUCTION AND SUPPLY BY REGION 2026-2031

8.1 Global Forecasted Production Capacity of Xenon-127 2026-2031

8.2 Global Forecasted Production Revenue of Xenon-127 2026-2031

8.3 Global Forecasted Production Volume of Xenon-127 by Region 2026-2031

8.3.1 North America Forecasted Production of Xenon-127 2026-2031

8.3.2 East Asia Forecasted Production of Xenon-127 2026-2031

8.3.3 Europe Forecasted Production of Xenon-127 2026-2031

8.3.4 South Asia Forecasted Production of Xenon-127 2026-2031

8.3.5 Southeast Asia Forecasted Production of Xenon-127 2026-2031

8.3.6 Middle East Forecasted Production of Xenon-127 2026-2031

8.3.7 Africa Forecasted Production of Xenon-127 2026-2031

8.3.8 Oceania Forecasted Production of Xenon-127 2026-2031

8.3.9 South America Forecasted Production of Xenon-127 2026-2031

8.3.10 Rest of the World Forecasted Production of Xenon-127 2026-2031

8.4 Global Forecasted Sales by Type and Consumption by Application in 2026-2031

8.4.1 Global Forecasted Sales Volume, Sales Revenue and Sales Price by Type in 2026-2031

8.4.2 Global Forecasted Consumption Volume and Consumption Value by Application in 2026-2031

9 MARKET FORECAST ANALYSIS ON CONSUMPTION AND DEMAND BY REGION 2026-2031

9.1 North America Forecasted Consumption of Xenon-127 by Country

9.2 East Asia Forecasted Consumption of Xenon-127 by Country

9.3 Europe Market Forecasted Consumption of Xenon-127 by Country

9.4 South Asia Forecasted Consumption of Xenon-127 by Country

9.5 Southeast Asia Forecasted Consumption of Xenon-127 by Country

9.6 Middle East Forecasted Consumption of Xenon-127 by Country

9.7 Africa Forecasted Consumption of Xenon-127 by Country

- 9.8 Oceania Forecasted Consumption of Xenon-127 by Country
- 9.9 South America Forecasted Consumption of Xenon-127 by Country
- 9.10 Rest of the World Forecasted Consumption of Xenon-127 by Country

10 MARKETING CHANNEL, DISTRIBUTORS AND CUSTOMERS ANALYSIS

- 10.1 Marketing Channel
 - 10.1.1 Direct Channels
 - 10.1.2 Indirect Channels

11 MARKET DYNAMICS ANALYSIS

- 11.1 Market Trends
- 11.2 Opportunities and Drivers
- 11.3 Challenges
- 11.4 Porter's Five Forces Analysis

12 CONCLUSION

13 APPENDIX

- 13.1 Methodology/Research Approach
 - 13.1.1 Research Programs/Design
 - 13.1.2 Market Size Estimation
 - 13.1.3 Market Breakdown and Data Triangulation
 - 13.2 Data Source
 - 13.2.1 Secondary Sources
 - 13.2.2 Primary Sources
 - 13.3 Who Trust HNY Research
 - 13.4 Disclaimer
- Research Methodology

List Of Tables

LIST OF TABLES

Table Global Market Size in Production Revenue by Player 2020-2025
Table Global Market Size in Sales Revenue by Type in 2026-2031
Table Global Market Size in Consumption Value by Application in 2026-2031
Table Global Xenon-127 Production Capacity by Players 2020-2025
Table Global Xenon-127 Production Volume by Players 2020-2025
Table Global Xenon-127 Production Volume Market Share by Players 2020-2025
Table Global Xenon-127 Production Revenue by Players 2020-2025
Table Global Xenon-127 Production Revenue Share by Players 2020-2025
Table Global Xenon-127 Ex-Factory Price of Key Players 2020-2025
Table Global Xenon-127 Production Volume by Region 2020-2025
Table Global Xenon-127 Production Volume Market Share by Region 2020-2025
Table Global Xenon-127 Production Revenue by Region 2020-2025
Table Global Xenon-127 Production Revenue Market Share by Region 2020-2025
Table Global Xenon-127 Consumption Volume by Region 2020-2025
Table Global Xenon-127 Consumption Volume Market Share by Region 2020-2025
Table North America Xenon-127 Sales Volume by Key Players 2020-2025
Table North America Xenon-127 Production, Consumption, Import and Export 2020-2025
Table East Asia Xenon-127 Sales Volume by Key Players 2020-2025
Table East Asia Xenon-127 Production, Consumption, Import and Export 2020-2025
Table Europe Xenon-127 Sales Volume by Key Players 2020-2025
Table Europe Xenon-127 Production, Consumption, Import and Export 2020-2025
Table South Asia Xenon-127 Sales Volume by Key Players 2020-2025
Table South Asia Xenon-127 Production, Consumption, Import and Export 2020-2025
Table Southeast Asia Xenon-127 Sales Volume by Key Players 2020-2025
Table Southeast Asia Xenon-127 Production, Consumption, Import and Export 2020-2025
Table Middle East Xenon-127 Sales Volume by Key Players 2020-2025
Table Middle East Xenon-127 Production, Consumption, Import and Export 2020-2025
Table Africa Xenon-127 Sales Volume by Key Players 2020-2025
Table Africa Xenon-127 Production, Consumption, Import and Export 2020-2025
Table Oceania Xenon-127 Sales Volume by Key Players 2020-2025
Table Oceania Xenon-127 Production, Consumption, Import and Export 2020-2025
Table South America Xenon-127 Sales Volume by Key Players 2020-2025
Table South America Xenon-127 Production, Consumption, Import and Export

2020-2025

Table Global Xenon-127 Historic Sales Revenue by Type in 2020-2025

Table Global Xenon-127 Historic Sales Revenue Market Share by Type in 2020-2025

Table Global Xenon-127 Forecasted Sales Revenue by Type in 2026-2031

Table Global Xenon-127 Forecasted Sales Revenue Market Share by Type in 2026-2031

Table Global Xenon-127 Historic Consumption Value by Application in 2020-2025

Table Global Xenon-127 Historic Consumption Value Market Share by Application in 2020-2025

Table Global Xenon-127 Forecasted Consumption Value by Application in 2026-2031

Table Global Xenon-127 Forecasted Consumption Value Market Share by Application in 2026-2031

Table Rosatom Xenon-127 Production Capacity, Revenue, Price and Gross Margin 2020-2025

Table Los Alamos National Laboratory(NIDC) Xenon-127 Production Capacity, Revenue, Price and Gross Margin 2020-2025

Table Laboratoire National Henri Becquerel Xenon-127 Production Capacity, Revenue, Price and Gross Margin 2020-2025

Table Global Forecasted Production Volume of Xenon-127 by Region 2026-2031

Table Global Forecasted Sales Volume by Type in 2026-2031

Table Global Forecasted Sales Volume Market Share by Type in 2026-2031

Table Global Forecasted Sales Revenue by Type in 2026-2031

Table Global Forecasted Sales Revenue Market Share by Type in 2026-2031

Table Global Forecasted Sales Price by Type in 2026-2031

Table Global Forecasted Consumption Volume by Application in 2026-2031

Table Global Forecasted Consumption Value by Application in 2026-2031

Table Market Key Trends

Table Key Opportunities and Drivers: Impact Analysis 2026-2031

Table Key Challenges

Table Research Programs/Design for This Report

Table Key Data Information from Secondary Sources

Table Key Data Information from Primary Sources

List Of Figures

LIST OF FIGURES

Figure Global Market Share in Sales Revenue by Type in 2025
Figure Radionuclidic Purity:>99% Features
Figure Radionuclidic Purity:~99% Features
Figure Global Market Share in Consumption Value by Application in 2025
Figure Nuclear Medicine Case Studies
Figure Scientific Research Case Studies
Figure Global Market Size in Sales Revenue Outlook 2026-2031
Figure North America Xenon-127 Sales Revenue and Growth Rate 2026-2031
Figure East Asia Xenon-127 Sales Revenue and Growth Rate 2026-2031
Figure Europe Xenon-127 Sales Revenue and Growth Rate 2026-2031
Figure South Asia Xenon-127 Sales Revenue and Growth Rate 2026-2031
Figure South America Xenon-127 Sales Revenue and Growth Rate 2026-2031
Figure Middle East Xenon-127 Sales Revenue and Growth Rate 2026-2031
Figure Africa Xenon-127 Sales Revenue and Growth Rate 2026-2031
Figure Oceania Xenon-127 Sales Revenue and Growth Rate 2026-2031
Figure South America Xenon-127 Sales Revenue and Growth Rate 2026-2031
Figure Rest of the World Xenon-127 Sales Revenue and Growth Rate 2026-2031
Figure Manufacturing Cost Structure Analysis of Xenon-127 2026
Figure Industry Chain Structure Analysis of Xenon-127 2026
Figure Global Xenon-127 Production Volume Market Share by Region in 2025
Figure Global Xenon-127 Production Revenue Market Share by Region in 2025
Figure North America Xenon-127 Production Volume Analysis 2020-2025
Figure North America Xenon-127 Production Revenue Analysis 2020-2025
Figure East Asia Xenon-127 Production Volume Analysis 2020-2025
Figure East Asia Xenon-127 Production Revenue Analysis 2020-2025
Figure Europe Xenon-127 Production Volume Analysis 2020-2025
Figure Europe Xenon-127 Production Revenue Analysis 2020-2025
Figure South Asia Xenon-127 Production Volume Analysis 2020-2025
Figure South Asia Xenon-127 Production Revenue Analysis 2020-2025
Figure Southeast Asia Xenon-127 Production Volume Analysis 2020-2025
Figure Southeast Asia Xenon-127 Production Revenue Analysis 2020-2025
Figure Middle East Xenon-127 Production Volume Analysis 2020-2025
Figure Middle East Xenon-127 Production Revenue Analysis 2020-2025
Figure Africa Xenon-127 Production Volume Analysis 2020-2025
Figure Africa Xenon-127 Production Revenue Analysis 2020-2025

Figure Oceania Xenon-127 Production Volume Analysis 2020-2025
Figure Oceania Xenon-127 Production Revenue Analysis 2020-2025
Figure South America Xenon-127 Production Volume Analysis 2020-2025
Figure South America Xenon-127 Production Revenue Analysis 2020-2025
Figure Rosatom Xenon-127 Product Specification
Figure Los Alamos National Laboratory(NIDC) Xenon-127 Product Specification
Figure Laboratoire National Henri Becquerel Xenon-127 Product Specification
Figure Global Forecasted Production Capacity of Xenon-127 2026-2031
Figure Global Forecasted Production Revenue of Xenon-127 2026-2031
Figure North America Forecasted Production Capacity of Xenon-127 2026-2031
Figure North America Forecasted Production Revenue of Xenon-127 2026-2031
Figure East Asia Forecasted Production Capacity of Xenon-127 2026-2031
Figure East Asia Forecasted Production Revenue of Xenon-127 2026-2031
Figure Europe Forecasted Production Capacity of Xenon-127 2026-2031
Figure Europe Forecasted Production Revenue of Xenon-127 2026-2031
Figure South Asia Forecasted Production Capacity of Xenon-127 2026-2031
Figure South Asia Forecasted Production Revenue of Xenon-127 2026-2031
Figure Southeast Asia Forecasted Production Capacity of Xenon-127 2026-2031
Figure Southeast Asia Forecasted Production Revenue of Xenon-127 2026-2031
Figure Middle East Forecasted Production Capacity of Xenon-127 2026-2031
Figure Middle East Forecasted Production Revenue of Xenon-127 2026-2031
Figure Africa Forecasted Production Capacity of Xenon-127 2026-2031
Figure Africa Forecasted Production Revenue of Xenon-127 2026-2031
Figure Oceania Forecasted Production Capacity of Xenon-127 2026-2031
Figure Oceania Forecasted Production Revenue of Xenon-127 2026-2031
Figure South America Forecasted Production Capacity of Xenon-127 2026-2031
Figure South America Forecasted Production Revenue of Xenon-127 2026-2031
Figure Rest of the World Forecasted Production Capacity of Xenon-127 2026-2031
Figure Rest of the World Forecasted Production Revenue of Xenon-127 2026-2031
Figure North America Forecasted Consumption of Xenon-127 2026-2031
Figure North America Forecasted Consumption of Xenon-127 2031 by Country
Figure East Asia Forecasted Consumption of Xenon-127 2026-2031
Figure East Asia Forecasted Consumption of Xenon-127 2031 by Country
Figure Europe Forecasted Consumption of Xenon-127 2026-2031
Figure Europe Forecasted Consumption of Xenon-127 2031 by Country
Figure South Asia Forecasted Consumption of Xenon-127 2026-2031
Figure South Asia Forecasted Consumption of Xenon-127 2031 by Country
Figure Southeast Asia Forecasted Consumption of Xenon-127 2026-2031
Figure Southeast Asia Forecasted Consumption of Xenon-127 2031 by Country

Figure Middle East Forecasted Consumption of Xenon-127 2026-2031
Figure Middle East Forecasted Consumption of Xenon-127 2031 by Country
Figure Africa Forecasted Consumption of Xenon-127 2026-2031
Figure Africa Forecasted Consumption of Xenon-127 2031 by Country
Figure Oceania Forecasted Consumption of Xenon-127 2026-2031
Figure Oceania Forecasted Consumption of Xenon-127 2031 by Country
Figure South America Forecasted Consumption of Xenon-127 2026-2031
Figure South America Forecasted Consumption of Xenon-127 2031 by Country
Figure Rest of the World Forecasted Consumption of Xenon-127 2026-2031
Figure Rest of the World Forecasted Consumption of Xenon-127 2031 by Country
Figure Channels of Distribution
Figure Porter's Five Forces Analysis
Figure Key Executives Interviewed

I would like to order

Product name: 2026-2031 Global Xenon-127 Outlook Market Size, Share & Trends Analysis Report By Player, Type, Application and Region

Product link: <https://marketpublishers.com/r/X27CB9D39572EN.html>

Price: US\$ 3,150.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/X27CB9D39572EN.html>