

# Fixed Neutron Generators Industry Research Report 2023

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## Abstracts

### Highlights

The global Fixed Neutron Generators market is projected to reach US\$ million by 2029 from an estimated US\$ million in 2022, at a CAGR of % during 2023 and 2029.

North American market for Fixed Neutron Generators is estimated to increase from \$ million in 2022 to reach \$ million by 2029, at a CAGR of % during the forecast period of 2023 through 2029.

Asia-Pacific market for Fixed Neutron Generators is estimated to increase from \$ million in 2022 to reach \$ million by 2029, at a CAGR of % during the forecast period of 2023 through 2029.

The major global companies of Fixed Neutron Generators include Phoenix, Adelphi Technology, Thermo Fisher Scientific and VNIIA, etc. In 2022, the world's top three vendors accounted for approximately % of the revenue.

The global market for Fixed Neutron Generators in Research is estimated to increase from \$ million in 2022 to \$ million by 2029, at a CAGR of % during the forecast period of 2023 through 2029.

Considering the economic change due to COVID-19 and Russia-Ukraine War Influence, Large Neutron Generator, which accounted for % of the global market of Fixed Neutron Generators in 2022, is expected to reach million US\$ by 2029, growing at a revised CAGR of % from 2023 to 2029.

## Report Scope

This report aims to provide a comprehensive presentation of the global market for Fixed Neutron Generators, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Fixed Neutron Generators.

The Fixed Neutron Generators market size, estimations, and forecasts are provided in terms of output/shipments (Units) and revenue (\$ millions), considering 2022 as the base year, with history and forecast data for the period from 2018 to 2029. This report segments the global Fixed Neutron Generators market comprehensively. Regional market sizes, concerning products by types, by application, and by players, are also provided. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

The report will help the Fixed Neutron Generators manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, production, and average price for the overall market and the sub-segments across the different segments, by company, product type, application, and regions.

## Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2018-2023. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Phoenix

Adelphi Technology

Thermo Fisher Scientific

VNIIA

## Product Type Insights

Global markets are presented by Fixed Neutron Generators type, along with growth forecasts through 2029. Estimates on production and value are based on the price in the supply chain at which the Fixed Neutron Generators are procured by the manufacturers.

This report has studied every segment and provided the market size using historical data. They have also talked about the growth opportunities that the segment may pose in the future. This study bestows production and revenue data by type, and during the historical period (2018-2023) and forecast period (2024-2029).

## Fixed Neutron Generators segment by Type

Large Neutron Generator

Small and Medium Neutron Generators

## Application Insights

This report has provided the market size (production and revenue data) by application, during the historical period (2018-2023) and forecast period (2024-2029).

This report also outlines the market trends of each segment and consumer behaviors impacting the Fixed Neutron Generators market and what implications these may have on the industry's future. This report can help to understand the relevant market and consumer trends that are driving the Fixed Neutron Generators market.

## Fixed Neutron Generators segment by Application

Research

Industrial

Others

## Regional Outlook

This section of the report provides key insights regarding various regions and the key players operating in each region. Economic, social, environmental, technological, and political factors have been taken into consideration while assessing the growth of the particular region/country. The readers will also get their hands on the revenue and sales data of each region and country for the period 2018-2029.

The market has been segmented into various major geographies, including North America, Europe, Asia-Pacific, South America. Detailed analysis of major countries such as the USA, Germany, the U.K., Italy, France, China, Japan, South Korea, Southeast Asia, and India will be covered within the regional segment. For market estimates, data are going to be provided for 2022 because of the base year, with estimates for 2023 and forecast value for 2029.

### North America

United States

Canada

### Europe

Germany

France

U.K.

Italy

Russia

## Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

## Latin America

Mexico

Brazil

Argentina

## Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

## COVID-19 and Russia-Ukraine War Influence Analysis

The readers in the section will understand how the Fixed Neutron Generators market scenario changed across the globe during the pandemic, post-pandemic and Russia-Ukraine War. The study is done keeping in view the changes in aspects such as demand, consumption, transportation, consumer behavior, supply chain management, export and import, and production. The industry experts have also highlighted the key factors that will help create opportunities for players and stabilize the overall industry in the years to come.

### Reasons to Buy This Report

This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Fixed Neutron Generators market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.

This report will help stakeholders to understand the global industry status and trends of Fixed Neutron Generators and provides them with information on key market drivers, restraints, challenges, and opportunities.

This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

This report stays updated with novel technology integration, features, and the latest developments in the market

This report helps stakeholders to understand the COVID-19 and Russia-Ukraine War Influence on the Fixed Neutron Generators industry.

This report helps stakeholders to gain insights into which regions to target globally

This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Fixed Neutron Generators.

This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

## Core Chapters

Chapter 1: Research objectives, research methods, data sources, data cross-validation;

Chapter 2: Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3: Detailed analysis of Fixed Neutron Generators manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5: Production/output, value of Fixed Neutron Generators by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6: Consumption of Fixed Neutron Generators in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the

industry.

Chapter 10: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11: The main points and conclusions of the report.



## Contents

### 1 PREFACE

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
  - 1.5.1 Secondary Sources
  - 1.5.2 Primary Sources

### 2 MARKET OVERVIEW

- 2.1 Product Definition
- 2.2 Fixed Neutron Generators by Type
  - 2.2.1 Market Value Comparison by Type (2018 VS 2022 VS 2029) & (US\$ Million)
  - 2.2.2 Large Neutron Generator
  - 2.2.3 Small and Medium Neutron Generators
- 2.3 Fixed Neutron Generators by Application
  - 2.3.1 Market Value Comparison by Application (2018 VS 2022 VS 2029) & (US\$ Million)
  - 2.3.2 Research
  - 2.3.3 Industrial
  - 2.3.4 Others
- 2.4 Global Market Growth Prospects
  - 2.4.1 Global Fixed Neutron Generators Production Value Estimates and Forecasts (2018-2029)
  - 2.4.2 Global Fixed Neutron Generators Production Capacity Estimates and Forecasts (2018-2029)
  - 2.4.3 Global Fixed Neutron Generators Production Estimates and Forecasts (2018-2029)
  - 2.4.4 Global Fixed Neutron Generators Market Average Price (2018-2029)

### 3 MARKET COMPETITIVE LANDSCAPE BY MANUFACTURERS

- 3.1 Global Fixed Neutron Generators Production by Manufacturers (2018-2023)
- 3.2 Global Fixed Neutron Generators Production Value by Manufacturers (2018-2023)
- 3.3 Global Fixed Neutron Generators Average Price by Manufacturers (2018-2023)

3.4 Global Fixed Neutron Generators Industry Manufacturers Ranking, 2021 VS 2022 VS 2023

3.5 Global Fixed Neutron Generators Key Manufacturers, Manufacturing Sites & Headquarters

3.6 Global Fixed Neutron Generators Manufacturers, Product Type & Application

3.7 Global Fixed Neutron Generators Manufacturers, Date of Enter into This Industry

3.8 Global Fixed Neutron Generators Market CR5 and HHI

3.9 Global Manufacturers Mergers & Acquisition

## **4 MANUFACTURERS PROFILED**

### 4.1 Phoenix

4.1.1 Phoenix Fixed Neutron Generators Company Information

4.1.2 Phoenix Fixed Neutron Generators Business Overview

4.1.3 Phoenix Fixed Neutron Generators Production, Value and Gross Margin (2018-2023)

4.1.4 Phoenix Product Portfolio

4.1.5 Phoenix Recent Developments

### 4.2 Adelphi Technology

4.2.1 Adelphi Technology Fixed Neutron Generators Company Information

4.2.2 Adelphi Technology Fixed Neutron Generators Business Overview

4.2.3 Adelphi Technology Fixed Neutron Generators Production, Value and Gross Margin (2018-2023)

4.2.4 Adelphi Technology Product Portfolio

4.2.5 Adelphi Technology Recent Developments

### 4.3 Thermo Fisher Scientific

4.3.1 Thermo Fisher Scientific Fixed Neutron Generators Company Information

4.3.2 Thermo Fisher Scientific Fixed Neutron Generators Business Overview

4.3.3 Thermo Fisher Scientific Fixed Neutron Generators Production, Value and Gross Margin (2018-2023)

4.3.4 Thermo Fisher Scientific Product Portfolio

4.3.5 Thermo Fisher Scientific Recent Developments

### 4.4 VNIIA

4.4.1 VNIIA Fixed Neutron Generators Company Information

4.4.2 VNIIA Fixed Neutron Generators Business Overview

4.4.3 VNIIA Fixed Neutron Generators Production, Value and Gross Margin (2018-2023)

4.4.4 VNIIA Product Portfolio

4.4.5 VNIIA Recent Developments

## **5 GLOBAL FIXED NEUTRON GENERATORS PRODUCTION BY REGION**

5.1 Global Fixed Neutron Generators Production Estimates and Forecasts by Region: 2018 VS 2022 VS 2029

5.2 Global Fixed Neutron Generators Production by Region: 2018-2029

5.2.1 Global Fixed Neutron Generators Production by Region: 2018-2023

5.2.2 Global Fixed Neutron Generators Production Forecast by Region (2024-2029)

5.3 Global Fixed Neutron Generators Production Value Estimates and Forecasts by Region: 2018 VS 2022 VS 2029

5.4 Global Fixed Neutron Generators Production Value by Region: 2018-2029

5.4.1 Global Fixed Neutron Generators Production Value by Region: 2018-2023

5.4.2 Global Fixed Neutron Generators Production Value Forecast by Region (2024-2029)

5.5 Global Fixed Neutron Generators Market Price Analysis by Region (2018-2023)

5.6 Global Fixed Neutron Generators Production and Value, YOY Growth

5.6.1 North America Fixed Neutron Generators Production Value Estimates and Forecasts (2018-2029)

5.6.2 Europe Fixed Neutron Generators Production Value Estimates and Forecasts (2018-2029)

5.6.3 China Fixed Neutron Generators Production Value Estimates and Forecasts (2018-2029)

5.6.4 Japan Fixed Neutron Generators Production Value Estimates and Forecasts (2018-2029)

## **6 GLOBAL FIXED NEUTRON GENERATORS CONSUMPTION BY REGION**

6.1 Global Fixed Neutron Generators Consumption Estimates and Forecasts by Region: 2018 VS 2022 VS 2029

6.2 Global Fixed Neutron Generators Consumption by Region (2018-2029)

6.2.1 Global Fixed Neutron Generators Consumption by Region: 2018-2029

6.2.2 Global Fixed Neutron Generators Forecasted Consumption by Region (2024-2029)

6.3 North America

6.3.1 North America Fixed Neutron Generators Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

6.3.2 North America Fixed Neutron Generators Consumption by Country (2018-2029)

6.3.3 United States

6.3.4 Canada

## 6.4 Europe

6.4.1 Europe Fixed Neutron Generators Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

6.4.2 Europe Fixed Neutron Generators Consumption by Country (2018-2029)

6.4.3 Germany

6.4.4 France

6.4.5 U.K.

6.4.6 Italy

6.4.7 Russia

## 6.5 Asia Pacific

6.5.1 Asia Pacific Fixed Neutron Generators Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

6.5.2 Asia Pacific Fixed Neutron Generators Consumption by Country (2018-2029)

6.5.3 China

6.5.4 Japan

6.5.5 South Korea

6.5.6 China Taiwan

6.5.7 Southeast Asia

6.5.8 India

6.5.9 Australia

## 6.6 Latin America, Middle East & Africa

6.6.1 Latin America, Middle East & Africa Fixed Neutron Generators Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

6.6.2 Latin America, Middle East & Africa Fixed Neutron Generators Consumption by Country (2018-2029)

6.6.3 Mexico

6.6.4 Brazil

6.6.5 Turkey

6.6.5 GCC Countries

## 7 SEGMENT BY TYPE

7.1 Global Fixed Neutron Generators Production by Type (2018-2029)

7.1.1 Global Fixed Neutron Generators Production by Type (2018-2029) & (Units)

7.1.2 Global Fixed Neutron Generators Production Market Share by Type (2018-2029)

7.2 Global Fixed Neutron Generators Production Value by Type (2018-2029)

7.2.1 Global Fixed Neutron Generators Production Value by Type (2018-2029) & (US\$ Million)

7.2.2 Global Fixed Neutron Generators Production Value Market Share by Type

(2018-2029)

7.3 Global Fixed Neutron Generators Price by Type (2018-2029)

## **8 SEGMENT BY APPLICATION**

8.1 Global Fixed Neutron Generators Production by Application (2018-2029)

8.1.1 Global Fixed Neutron Generators Production by Application (2018-2029) & (Units)

8.1.2 Global Fixed Neutron Generators Production by Application (2018-2029) & (Units)

8.2 Global Fixed Neutron Generators Production Value by Application (2018-2029)

8.2.1 Global Fixed Neutron Generators Production Value by Application (2018-2029) & (US\$ Million)

8.2.2 Global Fixed Neutron Generators Production Value Market Share by Application (2018-2029)

8.3 Global Fixed Neutron Generators Price by Application (2018-2029)

## **9 VALUE CHAIN AND SALES CHANNELS ANALYSIS OF THE MARKET**

9.1 Fixed Neutron Generators Value Chain Analysis

9.1.1 Fixed Neutron Generators Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 Fixed Neutron Generators Production Mode & Process

9.2 Fixed Neutron Generators Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 Fixed Neutron Generators Distributors

9.2.3 Fixed Neutron Generators Customers

## **10 GLOBAL FIXED NEUTRON GENERATORS ANALYZING MARKET DYNAMICS**

10.1 Fixed Neutron Generators Industry Trends

10.2 Fixed Neutron Generators Industry Drivers

10.3 Fixed Neutron Generators Industry Opportunities and Challenges

10.4 Fixed Neutron Generators Industry Restraints

## **11 REPORT CONCLUSION**

## **12 DISCLAIMER**



## List Of Tables

### LIST OF TABLES

Table 1. Secondary Sources

Table 2. Primary Sources

Table 3. Market Value Comparison by Type (2018 VS 2022 VS 2029) & (US\$ Million)

Table 4. Market Value Comparison by Application (2018 VS 2022 VS 2029) & (US\$ Million)

Table 5. Global Fixed Neutron Generators Production by Manufacturers (Units) & (2018-2023)

Table 6. Global Fixed Neutron Generators Production Market Share by Manufacturers

Table 7. Global Fixed Neutron Generators Production Value by Manufacturers (US\$ Million) & (2018-2023)

Table 8. Global Fixed Neutron Generators Production Value Market Share by Manufacturers (2018-2023)

Table 9. Global Fixed Neutron Generators Average Price (K US\$/Unit) of Key Manufacturers (2018-2023)

Table 10. Global Fixed Neutron Generators Industry Manufacturers Ranking, 2021 VS 2022 VS 2023

Table 11. Global Fixed Neutron Generators Manufacturers, Product Type & Application

Table 12. Global Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 13. Global Fixed Neutron Generators by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2022)

Table 14. Manufacturers Mergers & Acquisitions, Expansion Plans)

Table 15. Phoenix Fixed Neutron Generators Company Information

Table 16. Phoenix Business Overview

Table 17. Phoenix Fixed Neutron Generators Production (Units), Value (US\$ Million), Price (K US\$/Unit) and Gross Margin (2018-2023)

Table 18. Phoenix Product Portfolio

Table 19. Phoenix Recent Developments

Table 20. Adelphi Technology Fixed Neutron Generators Company Information

Table 21. Adelphi Technology Business Overview

Table 22. Adelphi Technology Fixed Neutron Generators Production (Units), Value (US\$ Million), Price (K US\$/Unit) and Gross Margin (2018-2023)

Table 23. Adelphi Technology Product Portfolio

Table 24. Adelphi Technology Recent Developments

Table 25. Thermo Fisher Scientific Fixed Neutron Generators Company Information

Table 26. Thermo Fisher Scientific Business Overview

- Table 27. Thermo Fisher Scientific Fixed Neutron Generators Production (Units), Value (US\$ Million), Price (K US\$/Unit) and Gross Margin (2018-2023)
- Table 28. Thermo Fisher Scientific Product Portfolio
- Table 29. Thermo Fisher Scientific Recent Developments
- Table 30. VNIIA Fixed Neutron Generators Company Information
- Table 31. VNIIA Business Overview
- Table 32. VNIIA Fixed Neutron Generators Production (Units), Value (US\$ Million), Price (K US\$/Unit) and Gross Margin (2018-2023)
- Table 33. VNIIA Product Portfolio
- Table 34. VNIIA Recent Developments
- Table 35. Global Fixed Neutron Generators Production Comparison by Region: 2018 VS 2022 VS 2029 (Units)
- Table 36. Global Fixed Neutron Generators Production by Region (2018-2023) & (Units)
- Table 37. Global Fixed Neutron Generators Production Market Share by Region (2018-2023)
- Table 38. Global Fixed Neutron Generators Production Forecast by Region (2024-2029) & (Units)
- Table 39. Global Fixed Neutron Generators Production Market Share Forecast by Region (2024-2029)
- Table 40. Global Fixed Neutron Generators Production Value Comparison by Region: 2018 VS 2022 VS 2029 (US\$ Million)
- Table 41. Global Fixed Neutron Generators Production Value by Region (2018-2023) & (US\$ Million)
- Table 42. Global Fixed Neutron Generators Production Value Market Share by Region (2018-2023)
- Table 43. Global Fixed Neutron Generators Production Value Forecast by Region (2024-2029) & (US\$ Million)
- Table 44. Global Fixed Neutron Generators Production Value Market Share Forecast by Region (2024-2029)
- Table 45. Global Fixed Neutron Generators Market Average Price (K US\$/Unit) by Region (2018-2023)
- Table 46. Global Fixed Neutron Generators Consumption Comparison by Region: 2018 VS 2022 VS 2029 (Units)
- Table 47. Global Fixed Neutron Generators Consumption by Region (2018-2023) & (Units)
- Table 48. Global Fixed Neutron Generators Consumption Market Share by Region (2018-2023)
- Table 49. Global Fixed Neutron Generators Forecasted Consumption by Region (2024-2029) & (Units)



Table 50. Global Fixed Neutron Generators Forecasted Consumption Market Share by Region (2024-2029)

Table 51. North America Fixed Neutron Generators Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (Units)

Table 52. North America Fixed Neutron Generators Consumption by Country (2018-2023) & (Units)

Table 53. North America Fixed Neutron Generators Consumption by Country (2024-2029) & (Units)

Table 54. Europe Fixed Neutron Generators Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (Units)

Table 55. Europe Fixed Neutron Generators Consumption by Country (2018-2023) & (Units)

Table 56. Europe Fixed Neutron Generators Consumption by Country (2024-2029) & (Units)

Table 57. Asia Pacific Fixed Neutron Generators Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (Units)

Table 58. Asia Pacific Fixed Neutron Generators Consumption by Country (2018-2023) & (Units)

Table 59. Asia Pacific Fixed Neutron Generators Consumption by Country (2024-2029) & (Units)

Table 60. Latin America, Middle East & Africa Fixed Neutron Generators Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (Units)

Table 61. Latin America, Middle East & Africa Fixed Neutron Generators Consumption by Country (2018-2023) & (Units)

Table 62. Latin America, Middle East & Africa Fixed Neutron Generators Consumption by Country (2024-2029) & (Units)

Table 63. Global Fixed Neutron Generators Production by Type (2018-2023) & (Units)

Table 64. Global Fixed Neutron Generators Production by Type (2024-2029) & (Units)

Table 65. Global Fixed Neutron Generators Production Market Share by Type (2018-2023)

Table 66. Global Fixed Neutron Generators Production Market Share by Type (2024-2029)

Table 67. Global Fixed Neutron Generators Production Value by Type (2018-2023) & (US\$ Million)

Table 68. Global Fixed Neutron Generators Production Value by Type (2024-2029) & (US\$ Million)

Table 69. Global Fixed Neutron Generators Production Value Market Share by Type (2018-2023)

Table 70. Global Fixed Neutron Generators Production Value Market Share by Type

(2024-2029)

Table 71. Global Fixed Neutron Generators Price by Type (2018-2023) & (K US\$/Unit)

Table 72. Global Fixed Neutron Generators Price by Type (2024-2029) & (K US\$/Unit)

Table 73. Global Fixed Neutron Generators Production by Application (2018-2023) & (Units)

Table 74. Global Fixed Neutron Generators Production by Application (2024-2029) & (Units)

Table 75. Global Fixed Neutron Generators Production Market Share by Application (2018-2023)

Table 76. Global Fixed Neutron Generators Production Market Share by Application (2024-2029)

Table 77. Global Fixed Neutron Generators Production Value by Application (2018-2023) & (US\$ Million)

Table 78. Global Fixed Neutron Generators Production Value by Application (2024-2029) & (US\$ Million)

Table 79. Global Fixed Neutron Generators Production Value Market Share by Application (2018-2023)

Table 80. Global Fixed Neutron Generators Production Value Market Share by Application (2024-2029)

Table 81. Global Fixed Neutron Generators Price by Application (2018-2023) & (K US\$/Unit)

Table 82. Global Fixed Neutron Generators Price by Application (2024-2029) & (K US\$/Unit)

Table 83. Key Raw Materials

Table 84. Raw Materials Key Suppliers

Table 85. Fixed Neutron Generators Distributors List

Table 86. Fixed Neutron Generators Customers List

Table 87. Fixed Neutron Generators Industry Trends

Table 88. Fixed Neutron Generators Industry Drivers

Table 89. Fixed Neutron Generators Industry Restraints

Table 90. Authors List of This Report

## List Of Figures

### LIST OF FIGURES

Figure 1. Research Methodology

Figure 2. Research Process

Figure 3. Key Executives Interviewed

Figure 4. Fixed Neutron Generators Product Picture

Figure 5. Market Value Comparison by Type (2018 VS 2022 VS 2029) & (US\$ Million)

Figure 6. Large Neutron Generator Product Picture

Figure 7. Small and Medium Neutron Generators Product Picture

Figure 8. Research Product Picture

Figure 9. Industrial Product Picture

Figure 10. Others Product Picture

Figure . Global Fixed Neutron Generators Production Value (US\$ Million), 2018 VS 2022 VS 2029

Figure 1. Global Fixed Neutron Generators Production Value (2018-2029) & (US\$ Million)

Figure 2. Global Fixed Neutron Generators Production Capacity (2018-2029) & (Units)

Figure 3. Global Fixed Neutron Generators Production (2018-2029) & (Units)

Figure 4. Global Fixed Neutron Generators Average Price (K US\$/Unit) & (2018-2029)

Figure 5. Global Fixed Neutron Generators Key Manufacturers, Manufacturing Sites & Headquarters

Figure 6. Global Fixed Neutron Generators Manufacturers, Date of Enter into This Industry

Figure 7. Global Top 5 and 10 Fixed Neutron Generators Players Market Share by Production Valu in 2022

Figure 8. Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2018 VS 2022

Figure 9. Global Fixed Neutron Generators Production Comparison by Region: 2018 VS 2022 VS 2029 (Units)

Figure 10. Global Fixed Neutron Generators Production Market Share by Region: 2018 VS 2022 VS 2029

Figure 11. Global Fixed Neutron Generators Production Value Comparison by Region: 2018 VS 2022 VS 2029 (US\$ Million)

Figure 12. Global Fixed Neutron Generators Production Value Market Share by Region: 2018 VS 2022 VS 2029

Figure 13. North America Fixed Neutron Generators Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 14. Europe Fixed Neutron Generators Production Value (US\$ Million) Growth

Rate (2018-2029)

Figure 15. China Fixed Neutron Generators Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 16. Japan Fixed Neutron Generators Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 17. Global Fixed Neutron Generators Consumption Comparison by Region: 2018 VS 2022 VS 2029 (Units)

Figure 18. Global Fixed Neutron Generators Consumption Market Share by Region: 2018 VS 2022 VS 2029

Figure 19. North America Fixed Neutron Generators Consumption and Growth Rate (2018-2029) & (Units)

Figure 20. North America Fixed Neutron Generators Consumption Market Share by Country (2018-2029)

Figure 21. United States Fixed Neutron Generators Consumption and Growth Rate (2018-2029) & (Units)

Figure 22. Canada Fixed Neutron Generators Consumption and Growth Rate (2018-2029) & (Units)

Figure 23. Europe Fixed Neutron Generators Consumption and Growth Rate (2018-2029) & (Units)

Figure 24. Europe Fixed Neutron Generators Consumption Market Share by Country (2018-2029)

Figure 25. Germany Fixed Neutron Generators Consumption and Growth Rate (2018-2029) & (Units)

Figure 26. France Fixed Neutron Generators Consumption and Growth Rate (2018-2029) & (Units)

Figure 27. U.K. Fixed Neutron Generators Consumption and Growth Rate (2018-2029) & (Units)

Figure 28. Italy Fixed Neutron Generators Consumption and Growth Rate (2018-2029) & (Units)

Figure 29. Netherlands Fixed Neutron Generators Consumption and Growth Rate (2018-2029) & (Units)

Figure 30. Asia Pacific Fixed Neutron Generators Consumption and Growth Rate (2018-2029) & (Units)

Figure 31. Asia Pacific Fixed Neutron Generators Consumption Market Share by Country (2018-2029)

Figure 32. China Fixed Neutron Generators Consumption and Growth Rate (2018-2029) & (Units)

Figure 33. Japan Fixed Neutron Generators Consumption and Growth Rate (2018-2029) & (Units)

Figure 34. South Korea Fixed Neutron Generators Consumption and Growth Rate (2018-2029) & (Units)

Figure 35. China Taiwan Fixed Neutron Generators Consumption and Growth Rate (2018-2029) & (Units)

Figure 36. Southeast Asia Fixed Neutron Generators Consumption and Growth Rate (2018-2029) & (Units)

Figure 37. India Fixed Neutron Generators Consumption and Growth Rate (2018-2029) & (Units)

Figure 38. Australia Fixed Neutron Generators Consumption and Growth Rate (2018-2029) & (Units)

Figure 39. Latin America, Middle East & Africa Fixed Neutron Generators Consumption and Growth Rate (2018-2029) & (Units)

Figure 40. Latin America, Middle East & Africa Fixed Neutron Generators Consumption Market Share by Country (2018-2029)

Figure 41. Mexico Fixed Neutron Generators Consumption and Growth Rate (2018-2029) & (Units)

Figure 42. Brazil Fixed Neutron Generators Consumption and Growth Rate (2018-2029) & (Units)

Figure 43. Turkey Fixed Neutron Generators Consumption and Growth Rate (2018-2029) & (Units)

Figure 44. GCC Countries Fixed Neutron Generators Consumption and Growth Rate (2018-2029) & (Units)

Figure 45. Global Fixed Neutron Generators Production Market Share by Type (2018-2029)

Figure 46. Global Fixed Neutron Generators Production Value Market Share by Type (2018-2029)

Figure 47. Global Fixed Neutron Generators Price (K US\$/Unit) by Type (2018-2029)

Figure 48. Global Fixed Neutron Generators Production Market Share by Application (2018-2029)

Figure 49. Global Fixed Neutron Generators Production Value Market Share by Application (2018-2029)

Figure 50. Global Fixed Neutron Generators Price (K US\$/Unit) by Application (2018-2029)

Figure 51. Fixed Neutron Generators Value Chain

Figure 52. Fixed Neutron Generators Production Mode & Process

Figure 53. Direct Comparison with Distribution Share

Figure 54. Distributors Profiles

Figure 55. Fixed Neutron Generators Industry Opportunities and Challenges

## Highlights

The global Fixed Neutron Generators market is projected to reach US\$ million by 2028 from an estimated US\$ million in 2022, at a CAGR of % during 2024 and 2029.

North American market for Fixed Neutron Generators is estimated to increase from \$ million in 2022 to reach \$ million by 2028, at a CAGR of % during the forecast period of 2023 through 2028.

Asia-Pacific market for Fixed Neutron Generators is estimated to increase from \$ million in 2022 to reach \$ million by 2029, at a CAGR of % during the forecast period of 2023 through 2029.

The major global companies of Fixed Neutron Generators include Phoenix, Adelphi Technology, Thermo Fisher Scientific and VNIIA, etc. In 2022, the world's top three vendors accounted for approximately % of the revenue.

The global market for Fixed Neutron Generators in Research is estimated to increase from \$ million in 2023 to \$ million by 2029, at a CAGR of % during the forecast period of 2023 through 2029.

Considering the economic change due to COVID-19 and Russia-Ukraine War Influence, Large Neutron Generator, which accounted for % of the global market of Fixed Neutron Generators in 2022, is expected to reach million US\$ by 2029, growing at a revised CAGR of % from 2023 to 2029.

## Report Scope

This report aims to provide a comprehensive presentation of the global market for Fixed Neutron Generators, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Fixed Neutron Generators.

The Fixed Neutron Generators market size, estimations, and forecasts are provided in terms of output/shipments (Units) and revenue (\$ millions), considering 2022 as the base year, with history and forecast data for the period from 2018 to 2029. This report segments the global Fixed Neutron Generators market comprehensively. Regional market sizes, concerning products by types, by application, and by players, are also provided. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

The report will help the Fixed Neutron Generators manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, production, and average price for the overall market and the sub-segments across the different segments, by company, product type, application, and regions.

### Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2017-2022. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Phoenix

Adelphi Technology

Thermo Fisher Scientific

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