

## **Global Neutron Capture Market Growth 2022-2028**

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#### **Abstracts**

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Neutron capture, type of nuclear reaction in which a target nucleus absorbs a neutron (uncharged particle), then emits a discrete quantity of electromagnetic energy (gammaray photon). The target nucleus and the product nucleus are isotopes, or forms of the same element. Neutron Absorber Material in this report.

The global market for Neutron Capture is estimated to increase from US\$ million in 2021 to reach US\$ million by 2028, exhibiting a CAGR of % during 2022-2028. Keeping in mind the uncertainties of COVID-19 and Russia-Ukraine War, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use sectors. These insights are included in the report as a major market contributor.

The APAC Neutron Capture market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The United States Neutron Capture market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The Europe Neutron Capture market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The China Neutron Capture market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

Global key Neutron Capture players cover 3M, Holtec International, Nikkeikin Aluminium Core Technology Company, Nippon Yakin Kogyo and MillenniTEK, etc. In terms of



revenue, the global largest two companies occupy a share nearly % in 2021.

#### Report Coverage

This latest report provides a deep insight into the global Neutron Capture market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, value chain analysis, etc.

This report aims to provide a comprehensive picture of the global Neutron Capture market, with both quantitative and qualitative data, to help readers understand how the Neutron Capture market scenario changed across the globe during the pandemic and Russia-Ukraine War.

The base year considered for analyses is 2021, while the market estimates and forecasts are given from 2022 to 2028. The market estimates are provided in terms of revenue in USD millions and volume in Tons.

#### Market Segmentation:

The study segments the Neutron Capture market and forecasts the market size by Type (Boron–stainless Steel Alloy, Boron-aluminum Alloy and Boron Carbide-aluminum Composites), by Application (Spent-fuel Storage Racks, Storage and Transportation Casks and Others,), and region (APAC, Americas, Europe, and Middle East & Africa).

#### Segmentation by type

Boron-stainless Steel Alloy

Boron-aluminum Alloy

Boron Carbide-aluminum Composites

Others

Segmentation by application

Spent-fuel Storage Racks



Stor	Storage and Transportation Casks		
Oth	ers		
Sogmontati	on by ragion		
Segmentati	on by region		
Ame	Americas		
	United States		
	Canada		
	Mexico		
	Brazil		
APA	AC .		
	China		
	Japan		
	Korea		
	Southeast Asia		
	India		
	Australia		
Euro	рре		
	Germany		
	France		

UK



Italy		
Russia		
Middle East & Africa		
Egypt		
South Africa		
Israel		
Turkey		
GCC Countries		
Major companies covered		
3M		
Holtec International		
Nikkeikin Aluminium Core Technology Company		
Nippon Yakin Kogyo		
MillenniTEK		
Lemer Pax		
Jiangsu Hailong Nuclear Technology		
Chapter Introduction		

Chapter 1: Scope of Neutron Capture, Research Methodology, etc.



Chapter 2: Executive Summary, global Neutron Capture market size (sales and revenue) and CAGR, Neutron Capture market size by region, by type, by application, historical data from 2017 to 2022, and forecast to 2028.

Chapter 3: Neutron Capture sales, revenue, average price, global market share, and industry ranking by company, 2017-2022

Chapter 4: Global Neutron Capture sales and revenue by region and by country. Country specific data and market value analysis for the U.S., Canada, Europe, China, Japan, South Korea, Southeast Asia, India, Latin America and Middle East & Africa.

Chapter 5, 6, 7, 8: Americas, APAC, Europe, Middle East & Africa, sales segment by country, by type, and type.

Chapter 9: Analysis of the current market trends, market forecast, opportunities and economic trends that are affecting the future marketplace

Chapter 10: Manufacturing cost structure analysis

Chapter 11: Sales channel, distributors, and customers

Chapter 12: Global Neutron Capture market size forecast by region, by country, by type, and application.

Chapter 13: Comprehensive company profiles of the leading players, including 3M, Holtec International, Nikkeikin Aluminium Core Technology Company, Nippon Yakin Kogyo, MillenniTEK, Lemer Pax and Jiangsu Hailong Nuclear Technology, etc.

Chapter 14: Research Findings and Conclusion



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