

# **Global Microstructured Semiconductor Neutron Detector (MSND) Supply, Demand and Key Producers, 2023-2029**

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## **Abstracts**

The global Microstructured Semiconductor Neutron Detector (MSND) market size is expected to reach \$ 53 million by 2029, rising at a market growth of 5.6% CAGR during the forecast period (2023-2029).

The MSND is a core technology developed as an alternative to He-3 for thermal neutron detection. MSNDs can be configured in custom or RDT standard configurations (e.g. Domino) to provide compact, high efficiency neutron detectors that maximize SWAP-C parameters.

This report studies the global Microstructured Semiconductor Neutron Detector (MSND) production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Microstructured Semiconductor Neutron Detector (MSND), and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Microstructured Semiconductor Neutron Detector (MSND) that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Microstructured Semiconductor Neutron Detector (MSND) total production and demand, 2018-2029, (K Units)

Global Microstructured Semiconductor Neutron Detector (MSND) total production value,

2018-2029, (USD Million)

Global Microstructured Semiconductor Neutron Detector (MSND) production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Microstructured Semiconductor Neutron Detector (MSND) consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Microstructured Semiconductor Neutron Detector (MSND) domestic production, consumption, key domestic manufacturers and share

Global Microstructured Semiconductor Neutron Detector (MSND) production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Microstructured Semiconductor Neutron Detector (MSND) production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Microstructured Semiconductor Neutron Detector (MSND) production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Microstructured Semiconductor Neutron Detector (MSND) market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Radiation Detection Technologies and Rotunda Scientific Technologies etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Microstructured Semiconductor Neutron Detector (MSND) market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by

year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

#### Global Microstructured Semiconductor Neutron Detector (MSND) Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Microstructured Semiconductor Neutron Detector (MSND) Market, Segmentation by Type

Dual-sided

Single-sided

#### Global Microstructured Semiconductor Neutron Detector (MSND) Market, Segmentation by Application

Homeland Security

Fundamental Research

Industrial Monitoring

Others

Companies Profiled:

Radiation Detection Technologies

Rotunda Scientific Technologies

Key Questions Answered

1. How big is the global Microstructured Semiconductor Neutron Detector (MSND) market?
2. What is the demand of the global Microstructured Semiconductor Neutron Detector (MSND) market?
3. What is the year over year growth of the global Microstructured Semiconductor Neutron Detector (MSND) market?
4. What is the production and production value of the global Microstructured Semiconductor Neutron Detector (MSND) market?
5. Who are the key producers in the global Microstructured Semiconductor Neutron Detector (MSND) market?
6. What are the growth factors driving the market demand?

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