

# Global Gamma-Neutron Backpack Radiation Detector Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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## Abstracts

According to our (Global Info Research) latest study, the global Gamma-Neutron Backpack Radiation Detector 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.

Gamma-Neutron Backpack Radiation Detector is a portable device designed to detect and identify gamma-ray and neutron radiation. It is commonly used in the field of radiation monitoring and safety inspection, especially in the detection of nuclear materials and radioactive substances.

As the demand for nuclear safety and radiation monitoring increases, the demand for gamma-neutron backpack radiation detectors in the market is also rising. Especially in the fields of nuclear safety, environmental monitoring and emergency response, the demand for equipment continues to grow.

This report is a detailed and comprehensive analysis for global Gamma-Neutron Backpack Radiation Detector 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 Gamma-Neutron Backpack Radiation Detector market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Gamma-Neutron Backpack Radiation Detector market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Gamma-Neutron Backpack Radiation Detector market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Gamma-Neutron Backpack Radiation Detector market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (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 Gamma-Neutron Backpack Radiation Detector
- 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 Gamma-Neutron Backpack Radiation Detector 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 Polimaster, Teledyne FLIR, Thermo Fisher Scientific, ATOMTEX, Kromek, Mirion Technologies, CAEN, NUVIATech Instruments, Berkeley Nucleonics, Cerex Advanced Fabrics, etc.

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

#### Market Segmentation

Gamma-Neutron Backpack Radiation Detector 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

0-10 Sv/h

>10 Sv/h

#### Market segment by Application

Mapping of Contaminated Areas

Critical Infrastructure Safety

Public Events Security

Others

#### Major players covered

Polimaster

Teledyne FLIR

Thermo Fisher Scientific

ATOMTEX

Kromek

Mirion Technologies

CAEN

NUVIATech Instruments

Berkeley Nucleonics

Cerex Advanced Fabrics

Ludlum Measurements

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 Gamma-Neutron Backpack Radiation Detector product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Gamma-Neutron Backpack Radiation Detector, with price, sales quantity, revenue, and global market share of Gamma-Neutron Backpack Radiation Detector from 2020 to 2025.

Chapter 3, the Gamma-Neutron Backpack Radiation Detector competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Gamma-Neutron Backpack Radiation Detector 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 Gamma-Neutron Backpack Radiation Detector 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 Gamma-Neutron Backpack Radiation Detector.

Chapter 14 and 15, to describe Gamma-Neutron Backpack Radiation Detector sales channel, distributors, customers, research findings and conclusion.

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