

Medical Radiation Detection, Monitoring & Safety Market by Detector (Gas-Filled, Scintillators, Solid-State), Product (Personal Dosimeters, Passive Dosimeters) Safety (Full-Body Protection) & End User (Hospitals, Non-Hospitals) - Global Forecast to 2027

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Abstracts

The global medical radiation detection, monitoring, & safety is projected to reach USD 1.4 billion by 2027 from USD 1.0 billion in 2022, at a CAGR of 6.8% during the forecast period. Growth in this market is mainly driven by factors such as the growing geriatric population, the growing number of radio diagnostic procedures performed, the increasing adoption of radiation therapy, and the implementation of favorable government initiatives, and the high prevalence of cancers.

'The gas-filled detectors segment accounted for the highest growth rate in the medical radiation detection, monitoring, & safety market, by detector type, during the forecast period.'

The medical radiation detection, monitoring, & safety market is segmented into gas-filled detectors, solid-state detectors, and scintillators based on type of detector. The gas-filled detectors accounted for the largest share of the medical radiation detection, monitoring, & safety market in 2021, mainly due to the favorable performance-to-cost ratio of gas-filled detectors and their wide applications in the medical imaging field.

'Hospitals segment accounted for the highest CAGR.'

Based on end users the medical radiation detection, monitoring, & safety market is segmented into hospitals and non-hospitals. In 2021, the hospitals segment accounted for the largest share of the medical radiation detection, monitoring, & safety market. The

increasing number of hospitals across the globe is driving the growth of this segment.

'Asia Pacific: The fastest-growing region medical radiation detection, monitoring, & safety market.'

The global medical radiation detection, monitoring, & safety market has been segmented into four major regions—North America, Europe, the Asia Pacific, and Rest of the World. The Asia Pacific region is projected to register the highest CAGR during the forecast period. Factors such as the growing number of hospitals, the rising incidence of cancer, an increased number of installations of radiological imaging systems, and the rising adoption of radiation therapy for the treatment of diseases are driving the growth of the Asia Pacific medical radiation detection, monitoring, & safety market.

The primary interviews conducted for this report can be categorized as follows:

By Company Type: Tier 1 - 40%, Tier 2 - 30%, and Tier 3 - 30%

By Designation: C-level - 27%, D-level - 18%, and Others - 55%

By Region: North America - 51%, Europe - 21%, Asia Pacific - 18%, Rest of the World - 10%

Lists of Companies Profiled in the Report:

Fortive (US)

Mirion Technologies, Inc. (US)

Thermo Fisher Scientific Inc. (US)

Ludlum Measurements, Inc. (US)

IBA Worldwide (Belgium)

AliMed, Inc. (US)

Polimaster Ltd. (Republic of Belarus)

AmRay Group (Ireland)

Infab, LLC (US)

Burlington Medical (US)

Bertin Instruments (France)

Radiation Detection Company (RDC) Inc. (US)

Arrow-Tech, Inc. (US)

Centronic (UK)

SE International, Inc. (US)

ATOMTEX (Belarus)

Nucleonix Systems (India)

Alpha Spectra, Inc. (US)

LND (US)

Bar-Ray Products (US)

Trivitron Healthcare (India)

Micron Technology, Inc. (UK)

Scionix Holland (Netherland)

Lite Tech Industries, LLC (US)

BLOXR Solutions, LLC (US).

Research Coverage:

Medical Radiation Detection, Monitoring & Safety Market by Detector (Gas-Filled, Scintillators, Solid-State),...

This report provides a detailed picture of the global medical radiation detection, monitoring, & safety market. It aims at estimating the size and future growth potential of the market across different segments, such as detector type, product, end user, and region. The report also includes an in-depth competitive analysis of the key market players, along with their company profiles, recent developments, and key market strategies.

Key Benefits of Buying the Report:

The report will help market leaders/new entrants by providing them with the closest approximations of the revenue numbers for the overall medical radiation detection, monitoring, & safety market and its subsegments. It will also help stakeholders better understand the competitive landscape and gain more insights to better position their business and make suitable go-to-market strategies. This report will enable stakeholders to understand the market's pulse and provide them with information on the key market drivers, opportunities, and challenges.

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*Details on Business Overview, Products Offered, Recent Developments, and MnM View (Key strengths/Right to Win, Strategic Choices Made, and Weaknesses and Competitive Threats) might not be captured in case of unlisted companies.

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