

Global Medical Radiation Detection Market Size study, by Detection Type (Gas-Filled Detectors, Scintillators, Solid-State), by Product Type (Personal Dosimeters, Area Process Dosimeters, Surface Contamination Monitors, Others), by End-User (Hospitals, Ambulatory Surgical Centres, Clinics, Others) and Regional Forecasts 2022-2028

<https://marketpublishers.com/r/GA13B012DB78EN.html>

Date: May 2022

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: GA13B012DB78EN

Abstracts

Global Medical Radiation Detection Market is valued at approximately USD 0.94 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 6.8 % over the forecast period 2022-2028. A radiation detector or particle detector is a device that measures the ionization of many types of radiation, like- beta radiation, gamma radiation, and alpha radiation with the matter. Thus, creating electrons and positively charged ions. Rising use of radiation therapy for diagnosis and treatment. The rising prevalence of cancers and rising R&D for technological advancements have driven the adoption of Medical Radiation Detection across the projected period. For Instance: According to an article published at Eureka Alert in April 2020, researchers at the Los Alamos National Laboratory and Argonne National Laboratory developed a new X-ray detector prototype that will revolutionize medical imaging while simultaneously enhancing resolution in security scanners and research applications, resulting in a significant reduction in radiation exposure and associated health hazards. Also, potential rise of the market in emerging economies and expanding diagnostic laboratories in developed countries are most likely to boost the overall growth of the Medical Radiation Detection market. However, lack of skilled professionals and the high cost of diagnosis can obstruct the market's expansion over the projection period of 2022-2028.

The key regions considered for the global Medical Radiation Detection market study include Asia Pacific, North America, Europe, Latin America and Rest of the World. North America is the leading region across the world. Rising awareness about the safety of radiation detection is driving the market growth in North America. Whereas, Asia Pacific is also anticipated to exhibit the highest growth rate over the forecast period 2022-2028. The market is expected to grow during the projected period, due to rising disposable income.

Major market players included in this report are:

Mirion Technologies Inc.

Sun Nuclear Corporation

Fortive Corporation

Biodex Medical System, Inc.

Thermo Fischer Scientific

Polimaster, Inc.

IBA Worldwide

AmRay Group

PTW Freiburg GmbH

Infab Corporation

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Detection Type:

Gas-Filled Detectors

Scintillators

Solid-State

By Product Type:

Personal Dosimeters

Area Process Dosimeters

Surface Contamination Monitors

Others

By End-User:

Hospitals

Ambulatory Surgical Centres

Clinics

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global Medical Radiation Detection Market in Market Study:

Global Medical Radiation Detection Market Size study, by Detection Type (Gas-Filled Detectors, Scintillators,...

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

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