

# Nuclear Medicine Equipment Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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## Abstracts

The global nuclear medicine equipment market size reached US\$ 2.9 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 4.3 Billion by 2028, exhibiting a growth rate (CAGR) of 6.79% during 2022-2028.

Nuclear medicine equipment are medical devices that utilize radionuclides or radioactive materials to generate anatomical images and record the progression of diseases. Radionuclides refer to the compounded cleaning molecules with excessive nuclear energy used for producing radiopharmaceuticals. The equipment are utilized for examining various biological processes, such as metabolism, tissue blood flow, functioning of cell receptors, neurotransmitter activity and apoptosis. They utilize specialized gamma cameras and single-photon emission-computed tomography (SPECT) imaging technologies for detecting movement disorders and different types of dementia. As a result, the equipment finds extensive applications for the treatment of various oncological, cardiovascular, gastrointestinal, endocrine and neurological disorders.

### Nuclear Medicine Equipment Market Trends:

The increasing prevalence of chronic medical ailments across the globe is one of the key factors creating a positive outlook for the market. Moreover, the rising geriatric population, which is more prone to age-related and associated diseases, is providing a thrust to the market growth. In line with this, the increasing requirement for personalized medicines among healthcare professionals and patients is also contributing to the growth of the market. Various technological advancements, such as the development of data integrated imaging systems and radiotracers, are acting as other growth-inducing factors. These systems enable the reconstruction and processing of computer-assisted

images and accurate recognition of medical conditions to compare diagnostic scans and monitor the progression of a disease. Healthcare institutions are also rapidly shifting from standalone to hybrid imaging solutions for generating precise and high-resolution images. Other factors, including extensive research and development (R&D) activities in the field of biotechnology, along with significant improvements in the medical infrastructure, especially in the developing economies, are anticipated to drive the market toward growth.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global nuclear medicine equipment market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on product, application and end user.

#### Breakup by Product:

Single-Photon Emission Computed Tomography

Standalone

Hybrid

Positron Emission Tomography

Standalone

Hybrid

Planar Scintigraphy

#### Breakup by Application:

Neurology

Oncology

Cardiology

Others

#### Breakup by End User:

Hospitals

Imaging Centers

Academic and Research Institutes

Others

#### Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

#### Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Biodex Medical Systems Inc. (Mirion Technologies Inc.), Cardinal Health Inc., CMR Naviscan Corporation, DDD-Diagnostic A/S, Digirad Corporation, General Electric Company, Koninklijke Philips N.V., Mediso Ltd., Neusoft Corporation, Siemens AG, SurgicEye GmbH and Toshiba Corporation.

#### Key Questions Answered in This Report:

How has the global nuclear medicine equipment market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global nuclear medicine equipment market?

What are the key regional markets?

What is the breakup of the market based on the product?

What is the breakup of the market based on the application?

What is the breakup of the market based on the end user?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global nuclear medicine equipment market and who are the key players?

What is the degree of competition in the industry?

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