

Global Irradiation Apparatus Market Size study, By Usage (Diagnostic Purposes, Therapeutic Purposes, Dental Purposes, Chiropractic Diagnostic Purposes, Industrial & Research Applications), By Product (Gamma Rays, X- Rays, High Speed Neutrons, Electrons, Alphabeta Particles), By Applications (Hospital, Industry, Laboratory, Other), and Regional Forecasts 2022-2028

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Abstracts

Global Irradiation Apparatus Market is valued approximately USD XX million in 2021 and is anticipated to grow with a healthy growth rate of more than XX % over the forecast period 2022-2028. The Irradiation Apparatus can be defined as an electrical equipment designed to generate ionising radiation as a by-product. Irradiation apparatus have wide range of application such as sterilisation of medical devices, dental, podiatric diagnosis, veterinary and research application among others. The rising number of geriatric populations and increasing adoption of portable apparatus in healthcare sector as well as recent product launches from leading market players are factors that are accelerating the global market demand. For instance, according to United Nations (UN) Estimates – In 2019, there were around 703 million persons aged 65 years or over in the world. The number of older persons is projected to double to 1.5 billion by end of 2050. Furthermore, as per World Health Organization (WHO) – in 2020, Globally the share of the population aged 60 years was estimated at 1 billion and the world's population of people aged 60 years and older would reach to 2.1 billion by end of 2050. Furthermore, leading market players are coming up with new products to leverage the growing demand for irradiation apparatus. For instance, in January 2022, US based Iveda launched its new commercial-grade, AI-driven Ultraviolet

Germicidal Irradiation (UVGI) product. The new Iveda Smart UVC vents disinfects the air by irradiating ultraviolet light on the passing air. This new device intended for disinfecting offices, meeting rooms and workspaces. Also, growing technological advancements in healthcare sector and surging healthcare infrastructure in the emerging economies are anticipated to act as a catalyzing factor for the market demand during the forecast period. However, a cost of the irradiation apparatus coupled with strict rules and norms associated with the usage of irradiation apparatus impede the growth of the market over the forecast period of 2022-2028.

The key regions considered for the global Irradiation Apparatus Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America is the leading region across the world in terms of market share owing to the growing number of product innovations and rising number of geriatric individuals in the region. Whereas, Asia Pacific is anticipated to exhibit a significant growth rate over the forecast period 2022-2028. Factors such as growing healthcare sector and increasing penetration of leading market players in the region, would create lucrative growth prospects for the global Irradiation Apparatus Market across the Asia Pacific region.

Major market players included in this report are:

Hitachi, Ltd

YXLON International

Koninklijke Philips N.V.

KaVo Dental

Techno-Aide

Ziehm Imaging GmbH

AMETEK.Inc.

Allengers

PROTEC GmbH & Co. KG

Narang Medical Limited

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 Usage

Diagnostic Purposes

Therapeutic Purposes

Dental Purposes

Chiropractic Diagnostic Purposes

Industrial & Research Applications

By Product

Gamma Rays

X- Rays

High Speed Neutrons

Electrons

Alphabeta Particles)

By Applications

Hospital

Industry

Laboratory

Other

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 Irradiation Apparatus Market in Market Study:

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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