

Global Backscatter X-ray Devices Market Size study, By Type (Handheld, Non-handheld), By Application (Customs and Border Protection, Law Enforcement, Airport/Aviation, Military and Defense, Others), and Regional Forecasts 2022-2028

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Abstracts

Global Backscatter X-ray Devices Market is valued approximately USD 180.84 million in 2021 and is anticipated to grow with a healthy growth rate of more than 4.6% over the forecast period 2022-2028.

Backscatter X-ray is an advanced X-ray imaging technology. The backscatter X-ray devices detect the radiation that reflects from the target. This device is gaining huge traction in applications such as law enforcement, customs & border protection, military and defense, airport/aviation, and many others. The growing number of terrorist attacks and illegal immigration, rising adoption of security solutions at public gathering spaces, increase in smuggling of narcotics are the primary factors that are spurring the market demand across the globe. For instance, according to Statista, in 2017, there were almost 18, 753 deaths were caused because of the terrorist attacks around the world, and the amount increased and reached 29,389 fatalities in 2020. Accordingly, rising incidences of terrorist attacks worldwide are fueling the demand for backscatter X-ray devices, thus, in turn, accelerating the market growth in the near future. However, the high installation and maintenance costs and rising privacy concerns associated with backscatter X-ray body scanners impede the growth of the market over the forecast period of 2022-2028. Also, technological advancements in X-ray screening systems and the development of low-cost products are anticipated to act as a catalyzing factor for the market demand during the forecast period.

The key regions considered for the global Backscatter X-ray Devices 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 rising adoption of novel technologies and the presence of the leading market companies. Whereas, Asia-Pacific is anticipated to exhibit the highest CAGR over the forecast period 2022-2028. Factors such as the increasing number of terrorist attacks, rising investments in R&D activities, as well as the growth of emerging nations such as India and China, would create lucrative growth prospects for the Backscatter X-ray Devices market across the Asia-Pacific region.

Major market players included in this report are:

Rapiscan Systems Inc.
Nuctech Company Limited
Viken Detection
Laurus Systems, Inc.
Scanna MSC Ltd.
Autoclear LLC
Tek8, Inc
Rrg engineering technologies (p) limited
Dongguan Houjie Huabao Electronic Technology
Denterprise International Inc.,

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 Type

Handheld

Non-handheld

By Application

Customs and Border Protection

Law Enforcement

Airport/Aviation

Military and Defense

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 Backscatter X-ray Devices 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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