

Dental X-ray Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

The global dental X-ray market size reached US\$ 1.7 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 2.7 Billion by 2028, exhibiting a growth rate (CAGR) of 8.0% during 2022-2028.

Dental X-ray is a medical imaging technique that helps healthcare providers to treat problems that cannot be diagnosed with an oral exam. This technique utilizes high energy electromagnetic radiations (X-rays), that are allowed to pass through the gums and cheeks, which appear as dark areas on the film and enables to capture the images of the hidden dental structures, malignant or benign masses. It assists in the early diagnosis of diseases and developmental problems, which further prevents damage to other areas of the mouth. These problems generally include cysts and tumors, bone loss in the jaw, tooth decay beneath existing fillings, and infections under gums. Dental X-ray also helps identify the teeth condition and position for implants, braces, dentures, and other dental procedures.

The rising number of smokers and the growing percentage of people suffering from stress and diabetes are increasing the risk of developing periodontal disorders and other tooth problems. This represents one of the key factors driving the market growth. Additionally, as head and neck radiation treatment for cancer can increase the chances of developing tooth decay, there is an escalating need for dental X-rays to help diagnose and prevent oral diseases in their early stage. In line with this, the growing focus of individuals on dental care is also contributing to the market growth. Moreover, several manufacturers are introducing lead-lined aprons and collars to protect the fetus from radiation exposure during pregnancy. They are also offering machines with high-speed X-rays, which is further stimulating the market growth. Apart from this, the emerging trend of cosmetic dentistry and innovative products is anticipated to bolster the market growth.

Key Market Segmentation:

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

Breakup by Type:

Intraoral

Bitewing X-rays

Periapical X-rays

Occlusal X-rays

Extraoral

Panoramic X-rays

Tomograms

Cephalometric Projections

Others

Breakup by Product:

Analog

Digital

Breakup by Application:

Medical

Cosmetic Dentistry

Forensic

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 Acteon Inc., Asahi Roentgen Co. Ltd., Carestream Dental LLC, Cefla S.C., Dentsply Sirona Inc., D?RR DENTAL SE, General Electric Company, Genoray Co. Ltd., Planet DDS, Planmeca OY, The Yoshida Dental Mfg. Co. Ltd. and Vatech Co. Ltd.

Key Questions Answered in This Report:

How has the global dental X-ray market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global dental X-ray market?

What are the key regional markets?

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

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

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

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 dental X-ray market and who are the key players?

What is the degree of competition in the industry?

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