

**North America Dental Radiography Equipment Market Forecast to 2028 - COVID-19 Impact and Regional Analysis by Product (Intraoral X-Ray System, Extraoral X-Ray System, Intraoral Plate Scanners, and Cone-Beam Computed Tomography Imaging) and End User (Dental Clinics, Hospitals, Ambulatory Surgical Centers, and Others)**

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**AVAILABLE LICENSES:**

- Single User Price \$3000.00
- Site Price \$4000.00
- Enterprise Price \$5000.00

**Report description:**

The North America dental radiography equipment market is expected to grow from US\$ 1,119.02 million in 2022 to US\$ 1,709.66 million by 2028. It is estimated to register a CAGR of 7.3% from 2022 to 2028.

Rising Prevalence of Oral Cancer is Boosting the North America Dental Radiography Equipment Market

Oral squamous cell carcinoma (OSCC) is the most common oral cavity cancer, constituting 95% of all cancers of this area. OSCC can be localized in the floor of the mouth, tongue, upper and lower gingiva, buccal mucous membrane, the retromolar triangle, and the palate. Every year, over half a million new cases of OSCC are diagnosed worldwide. According to the Global Cancer Observatory (GCO), the annual incidence of OSCC was 377,713 cases globally in 2020, with the number recorded in North America (27,469). According to the same source, the incidence of OSCC is anticipated to rise by up to 40% by 2040, with a corresponding increase in death rates. Smoking and alcohol consumption are among the two major risk factors for oral cancer, and it works collectively to increase the risk by up to 35%. Imaging studies are performed as part of the routine work-up in OSCC. Dental radiographs, panoramic radiographs, magnetic resonance imaging with diffusion-weighted and dynamic sequences, perfusion computed tomography, cone beam computed tomography, single-photon emission computed tomography, hybrid methods (PET/CT, PET/MRI, and SPECT/CT), and ultrasound are the imaging modalities used for this purpose. Cross-sectional imaging has become the foundation in the pretreatment evaluation of oral cancer, as it provides accurate information about the extent and spread of the disease that can help decide the appropriate management strategy and indicate prognosis. Thus, the rising prevalence of oral cancer drives the demand for radiographs, also referred to as x-rays, which boosts the growth of the North

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America dental radiography equipment market .

## North America Dental Radiography Equipment Market Overview

The North America dental radiography equipment market is segmented into the US, Canada, and Mexico. The North America dental radiography equipment market is estimated to have the largest share in the US. The growth of the dental radiography equipment market in the US can be attributed to significant growth in the aging population across the country, regular dental check-ups, and technological improvements across the region. In the US population, untreated caries is present in more than 1 in 5 adults. A research study titled "Update on the Prevalence of Untreated Caries in the US Adult Population, 2017-2020," published in December 2021, stated that the estimated prevalence of coronal and root caries was 17.9% and 10.1%, respectively, in the US, and the conditions were most prevalent in males belonging to the age group 30-49. Furthermore, the prevalence of untreated caries accounts for ~20% among adults in the country. Therefore, the high prevalence of dental diseases is anticipated to raise the demand for dental disease diagnosis through dental radiographs (X-rays). Moreover, technological advancements in dental imaging methodologies are allowing companies to launch new and innovative products. For instance, in October 2019, Dentsply Sirona, a US-based dental equipment manufacturer, launched Schick AE, a new generation of intraoral sensors with multiple technological improvements and optimizations.

## North America Dental Radiography Equipment Market Revenue and Forecast to 2028 (US\$ Million)

### North America Dental Radiography Equipment Market Segmentation

The North America dental radiography equipment market is segmented into product, end user, and country. Based on product, the market is subsegmented into intraoral X-ray system, extraoral X-ray system, intraoral plate scanners, and cone-beam computed tomography imaging. The intraoral X-ray system segment registered the largest market share in 2022.

Based on end user, the North America dental radiography equipment market is segmented into dental clinics, hospitals, ambulatory surgical centers, and others. The hospitals segment held the largest market share in 2022.

Based on country, the North America dental radiography equipment market is segmented into the US, Canada, and Mexico. The US dominated the market in 2022.

Acteon Group; Carestream Dental LLC; Dentsply Sirona Inc.; Envista Holdings Corporation; General Electric Co; Koninklijke Philips NV; Planmeca; Siemens Healthcare GmbH; and Vatech Co., Ltd are among the leading companies operating in the North America dental radiography equipment market.

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