

Europe Image Intensifier Tube Market Forecast to 2028 - COVID-19 Impact and Regional Analysis by Generation (Generation 1, Generation 2, and Generation 3) and End User (Military, Healthcare and Biotech, and Others)

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Abstracts

The Europe image intensifier tube market is expected to grow from US\$ 271.57 million in 2022 to US\$ 385.06 million by 2028. It is estimated to grow at a CAGR of 6.0% from 2022 to 2028.

Rising Demand for X-Ray Machines is Driving the Europe Image Intensifier Tube Market

Image intensifier tubes are installed into x-ray machines to convert transmitted x-rays into a brightened and visible light image. A majority of x-ray machine manufacturers are also majorly focusing on the development of advanced x-ray scanner systems for healthcare, medical, and security applications. A few of the recent developments by x-ray machine manufacturers are mentioned below:

- In December 2020, Arcoma AB announced the launch of its new Omnera 500A x-ray system across the American market. OMNERA 500A is offered with new intelligent automation features to help improve workflow and efficiency without compromising patient care.
- In February 2022, Carestream Health announced the launch of its new DRX Compass, a configurable digital radiology solution designed for providing accurate and convenient functionality to provide radiologists with an enhanced operational efficiency.

- In August 2022, General Electric launched its new Definium 656 HD x-ray system, designed to deliver consistent, highly automated, efficient examination. Such examination outputs impart clinical confidence while simplifying workflows, improving consistency, and reducing errors to help keep radiology departments running smoothly.

Such developments in x-ray technologies are generating the demand for the incorporation of new image intensifier tubes in these radiology products, which is catalyzing the growth of the Europe image intensifier tube market.

Europe Image Intensifier Tube Market Overview

Based on geography, the Europe image intensifier tube market is segmented into Germany, France, Italy, the UK, Russia, and the Rest of Europe. Over the years, the increasing defense spending across European countries to enhance their military capabilities and empower their troops with technically advanced weapons and equipment is positively impacting the Europe image intensifier tube market growth. Thus, the increasing military expenditure across the region is influencing the rise in the adoption of equipment such as binoculars integrated with image intensifier tubes for better vision during military operations. For instance, in 2019, Photonics received a contract from the Armasuisse to supply 4G image intensifier tubes for modernizing the night vision equipment of the Swiss Armed Forces. These factors are driving the Europe image intensifier tube market. Europe has one of the most developed healthcare industries across the globe. The rate of technology adoption across the region's healthcare industry has also significantly increased over the years owing to the government's constant support to adopt digital and advanced technologies for disease detection and cure. Earth observation and space research sectors are also investing significantly in procuring advanced observation devices. These factors are further contributing to the rising demand for image intensifier tubes across Europe.

Europe Image Intensifier Tube Market Revenue and Forecast to 2028 (US\$ Million)

Europe Image Intensifier Tube Market Segmentation

The Europe image intensifier tube market is segmented into generation, and country.

Based on generation, the Europe image intensifier tube market is segmented into generation 1, generation 2, and generation 3. The generation 1 segment registered the largest market share in 2022.

Based on end user, the Europe image intensifier tube market is segmented into military, electronics & semiconductors, others. The military segment held the largest market share in 2022.

Based on country, the Europe image intensifier tube market is segmented into France, Germany, Italy, the UK, Russia, and the Rest of Europe. Russia dominated the market share in 2022.

ASELSAN AS; Canon Electron Tubes & Devices Co Ltd; Elbit Systems Ltd; Hamamatsu Photonics (Hakuto Taiwan Ltd); Harder Digital Ingenieur- und Industriegesellschaft mbH; L3Harris Technologies Inc; Photek Ltd; and Photonis Technologies SAS are the leading companies operating in the Europe image intensifier tube market.

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