X-Ray Detectors Market by Type, Panel Size, Portability, Type of System, Application - Global Forecast to 2021

Description: X-Ray Detectors Market by Type (Flat Panel, CR, CCD, Line-Scan), Panel Size (Large, Small), Portability (Fixed, Portable), Type of System (Retrofit, New Digital), Application (Medical, Dental, Security, Veterinary, Industrial) - Global Forecast to 2021

The global X-ray detectors market is expected to reach USD 2.89 billion by 2021 from USD 2.21 billion in 2016, at a CAGR of 5.5% during the forecast period. The market segments the X-ray detectors market based on type, application, and region. Based on FPDs type, the X-ray detectors market is segmented into FPDs market by type of systems, FPDs market by Panel size, FPDs market by portability.

The growth of this market is mainly driven by factors such as technological advancements, rising geriatric population, government and venture capital funding, rising incidences of orthopedic and cardiovascular procedures, and reimbursement cuts for analog systems. Moreover, factors such as development of wireless detectors, growing medical tourism in Asian countries, and untapped emerging markets offer growth opportunities to players in the X-ray detectors market. However, High initial cost of Digital X-ray systems and stringent regulatory procedures for product launch may hinder the growth of this market during the forecast period.

The X-ray detectors market is segmented based on types, applications, regions, and it's again segmented on the basis of FPDs market, by Type of systems, FPDs market by Panel Size, FPDs market by Portability. The X-ray detectors, by type segment are expected to provide lucrative growth opportunities for market players in the forecast period. Factors driving the growth in this segment include high flexibility and easy-to-use tools, and advanced technology.

Based on the applications, the X-ray detectors market is segmented into medical applications, Dental applications, security applications, Veterinary applications and industrial applications. Medical applications segment is expected to grow at the highest rate in the forecast period. The growth in this segment can primarily be attributed to the advancement in the medical technology, rising geriatric population, Increasing ortho and cardio procedures.

Asia is poised to be fastest-growing region in the X-ray detectors market from 2016 to 2021. The high growth in this market is attributed to the growing geriatric population, growing adoption of digital imaging systems, rising disposable income, growing number of awareness programs and symposia, and growing venture capital investments.

Apart from the comprehensive geographical analysis, product analysis, and market sizing; the report also provides a competitive landscape that covers the growth strategies adopted by industry players in the last three years. In addition, the company profiles comprise basic views on the key players and their product portfolios, developments, and strategies adopted. The above-mentioned market research data, current market sizes, and forecast of future trends will help key players and new entrants make informed decisions regarding product offerings, geographical focus, change in strategic approach, R&D investments for innovations in products and technologies, and levels of output in order to remain successful. Prominent players in the X-ray detectors market include Varian Medical Systems (U.S.), PerkinElmer, Inc. (U.S.), Canon, Inc. (U.S.), Konica Minolta, Inc. (Japan), Agfa healthcare (Belgium), Analogic Corporation (U.S.), Fujifilm Medical Systems (Japan), Teledyne Dalsa (U.S.), Thales Group (France), and YXLON International (Germany).

Reasons to Buy the Report:

The report will enrich both established firms as well as new entrants/smaller firms to gauge the pulse of the market, which in turn will help firms garner greater market shares. Firms purchasing the report can use any one or a combination of the below mentioned five strategies (market penetration, product development/innovation, market development, market diversification, and competitive assessment) for strengthening their market shares.

The report provides insights on the following pointers:
- Market Penetration: Comprehensive information on the product portfolios of the top players in the market-ray detectors market. The report analyzes this market by type, applications and region

- Product Development/Innovation: Detailed insights on upcoming technologies, R&D activities, and new product launches in the X-ray detectors market

- Competitive Assessment: In-depth assessment of market strategies, geographical and business segments, and product portfolios of the leading players in the X-ray detectors market

- Market Development: Comprehensive information about lucrative emerging markets. The report analyzes the market for various X-ray detectors type, application and detectors across the regions.

- Market Diversification: Exhaustive information about new products and services, untapped geographies, recent developments, and investments in the medical image analysis software market

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