

North America X-ray Detector Market Analysis, Companies Profiles, Size, Share, Growth, Trends and Forecast to 2025

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Abstracts

The North America x-ray detector Market is accounted to reach USD 1,604.9 million by 2025 from USD 975.2 million in 2017, at a CAGR of 6.4% in the forecast period 2018 to 2025.

The major factors contributing to the growth of the market includes factors such as growing geriatric population and chronic diseases, as well as growing government initiatives.

The key market players for North America x-ray detector market are listed below:

Varex imaging

PerkinElmer Inc.,

Canon Inc.

Amptek, Inc.

Moxtek, INC.,

Rigaku Corporation,

Teledyne Dalsa,

Detection Technology OYJ,

Thales Group,

Fujifilm Holdings,

Agfa-Gevaert

The market is further segmented into:

Type

Application

end-user

Geography

The North America x-ray detector market is segmented on the basis of product type, application, end-user and geography. The report provides data for 2016 to 2025, 2017 being the current year while 2018 to 2025 is the forecast period for the report.

The North America X-ray detector market is segmented into 4 product types, namely flat panel detectors (FPD), computed radiography detectors (CRD), line scan detectors and, charged coupled devices detectors (CCD). North America x-ray detector market is dominated by FPDs with 77.9% market share in 2018, growing at a CAGR of 7.0% in the forecast period. FPDs are extremely sensitive and faster than a photographic film. These detectors are used in direct digital radiography (DDR) for the conversion of X-rays to light or charge which can be read out using thin film transistors (TFT array). They are applied through all the forms of radiography allowing high sensitivity, high resolution, low noise and superior image quality.

The FPD are further segmented on the basis of panel size into large area, medium area, and small area FPD. Also based on technology the market is segmented into direct and indirect FPD. In 2018, indirect FPD dominate the market with 91.1% market share, growing at a CAGR of 7.3% in the forecast period. The indirect FPD is further segmented into cesium iodide (CsI) indirect FPD and gadolinium oxysulfide indirect FPD.

Based on portability, the market is segmented into fixed detectors and portable detectors. In 2018, the portable detector segment dominated the market with 88.4% market share, with a growing CAGR of 7.2% in the forecast period.

On the basis of applications, the market is segmented into medical imaging, dental imaging, security, veterinary, and industrial. North America x-ray detector market is dominated by medical application with 68.9% market share in 2018, growing at a CAGR of 7.1% in the forecast period. The medical imaging application is further sub segmented into static imaging (general radiography and mammography) and dynamic imaging (general fluoroscopy, surgical imaging, and cardiovascular imaging).

On the basis of end users the market is segmented into Hospitals, Diagnostic Laboratories, Original Equipment Manufacturers (OEM's), Clinics, and, ICU. North America x-ray detector market is dominated by Hospitals with 43.9% market share in 2018, growing at a CAGR of 6.9% in the forecast period. The market for hospitals is expected to be growing owing to declining prices and technological development of flat panel detectors across all geographies.

Based on geography, the market is segmented into 5 geographical regions, North America, Europe, Asia-Pacific, South America and Middle East and Africa

Based on geography, the North America x-ray detector market is segmented into geographical regions, such as,

North- America,

South America

Europe

Asia-Pacific

Middle East and Africa

Covered in this report

The report covers the present scenario and the growth prospects of the North America x-

ray detector for 2018-2025. To calculate the market size, the report considers the revenue generated from the sales of the web conferencing and unified communication and collaboration (UC&C) and video conferencing, secondary resources and doing in-depth company share analysis of major 10 players in the market.

You can request one free hour of our analyst's time when you purchase this market report. Details are provided within the report.

Contents

1. INTRODUCTION

- 1.1. Objectives Of The Study
- 1.2. Market Definition
- 1.3. Overview Of North America X-Ray Detector Market
- 1.4. Currency And Pricing
- 1.5. Limitation
- 1.6. Markets Covered

2. MARKET SEGMENTATION

- 2.1. Markets Covered
- 2.2. Geographic Scope
- 2.3. Years Considered For The Study
- 2.4. Currency And Pricing
- 2.5. Research Methodology
- 2.6. Primary Interviews With Key Opinion Leaders
- 2.7. Secondary Sources
- 2.8. Assumptions

3. EXECUTIVE SUMMARY

4. MARKET OVERVIEW

- 4.1. Drivers
 - 4.1.1. Growing Geriatric Population And Chronic Diseases
 - 4.1.2. Growing Government Initiatives
 - 4.1.3. Declining Prices And Benefits Offered By Digital Detectors
 - 4.1.4. Reimbursement Cuts For Analog X-Rays Will Increase The Demand For Digital Systems
- 4.2. Restraints
 - 4.2.1. Strict Regulatory Process
- 4.3. Opportunities
 - 4.3.1. Development Of Wireless X-Ray Detectors
 - 4.3.2. Growing Medical Tourism In Asia
 - 4.3.3. Emerging Markets
- 4.4. Challenges

4.4.1. High Cost Of Digital X-Ray System

5. PREMIUM INSIGHTS

6. NORTH AMERICA X-RAY DETECTOR MARKET, BY TYPE

6.1. Overview

6.1.1. Flat Panel Detector

6.1.2. Fpds On The Basis Of Product Type

6.1.2.1. Indirect Flat-Panel Detectors (Fpds)

6.1.2.2. Direct Flat-Panel Detectors (Fpds)

6.1.3. Fpds On The Basis Of Panel Size

6.1.3.1. Large-Area Flat-Panel Detectors

6.1.3.2. Small-Area Flat-Panel Detectors

6.1.4. Fpds On The Basis Of Portability

6.1.4.1. Portable/Wireless Detectors

6.1.4.2. Fixed/Wired Detectors

6.1.5. Fpds On The Basis Of Type Of System

6.1.5.1. New Digital X-Ray Systems

6.1.5.2. Retrofit X-Ray Systems

6.2. Computed Radiography (Cr) Detectors

6.3. Charge Couple Device (Ccd)

6.4. Line-Scan Detector

7. NORTH AMERICA X-RAY DETECTOR MARKET, BY APPLICATION

7.1. Overview

7.2. Medical Application

7.2.1. Static Imaging

7.2.1.1. General Radiography

7.2.1.2. Mammography

7.2.2. Dynamic

7.2.2.1. General Fluoroscopy

7.2.2.2. Surgical Imaging

7.2.2.3. Cardiovascular Imaging

7.3. Dental

7.4. Security

7.5. Veterinary

7.6. Industrial

8. NORTH AMERICA X-RAY DETECTOR MARKET, BY END USER

- 8.1. Overview
- 8.2. Hospitals
- 8.3. Diagnostic Laboratories
- 8.4. Original Equipment Manufacturers (Oem'S)
- 8.5. Clinics
- 8.6. Icu

9. NORTH AMERICA X-RAY DETECTOR MARKET BY GEOGRAPHY

- 9.1. Overview
- 9.2. North America
 - 9.2.1. U.S.
 - 9.2.2. Canada
 - 9.2.3. Mexico

10. NORTH AMERICA X- RAY DETCTOR MARKET, COMPANY LANDSCAPE

- 10.1. Company Share Analysis: North America

11. COMPANY PROFILES

- 11.1. Varex Imaging Corporation
 - 11.1.1. Company Overview
 - 11.1.2. Varex Imaging Corporation: Revenue Analysis
 - 11.1.3. Product Portfolio
 - 11.1.4. Recent Developments
- 11.2. Amptek, Inc.
 - 11.2.1. Company Overview
 - 11.2.2. Amptek, Inc.:Company Snapshot
 - 11.2.3. Product Portfolio
 - 11.2.4. Recent Developments
- 11.3. Perkinelmer, Inc.
 - 11.3.1. Company Overview
 - 11.3.2. Perkinelmer, Inc.: Revenue Analysis
 - 11.3.3. Product Portfolio
 - 11.3.4. Recent Developments

- 11.4. Moxtek, Inc.
 - 11.4.1. Company Overview
 - 11.4.2. Moxtek, Inc.: Company Snapshot
 - 11.4.3. Product Portfolio
 - 11.4.4. Recent Developments
- 11.5. Thales Group
 - 11.5.1. Company Overview
 - 11.5.2. Thales Group:Revenue Analysis
 - 11.5.3. Product Portfolio
 - 11.5.4. Recent Developments
- 11.6. Fujifilm Holdings
 - 11.6.1. Company Overview
 - 11.6.2. Fujifilm Holdings:Revenue Analysis
 - 11.6.3. Product Portfolio
 - 11.6.4. Recent Developments
- 11.7. Cannon, Inc.
 - 11.7.1. Company Overview
 - 11.7.2. Cannon, Inc.: Revenue Analysis
 - 11.7.3. Product Portfolio
 - 11.7.4. Recent Developments
- 11.8. Konica Minolta Medical
 - 11.8.1. Company Overview
 - 11.8.2. Konica Minolta Medical:Revenue Analysis
 - 11.8.3. Product Portfolio
 - 11.8.4. Recent Developments
- 11.9. Agfa-Gevaert Group
 - 11.9.1. Company Overview
 - 11.9.2. Agfa-Gevaert Group: Revenue Analysis
 - 11.9.3. Product Portfolio
 - 11.9.4. Recent Developments
- 11.10. Rigaku Corporation
 - 11.10.1. Company Overview
 - 11.10.2. Rigaku Corporation:Revenue Analysis
 - 11.10.3. Product Portfolio
 - 11.10.4. Recent Developments
- 11.11. Detection Technology Oyj
 - 11.11.1. Company Overview
 - 11.11.2. Detection Technology Oyj: Revenue Analysis
 - 11.11.3. Product Portfolio

- 11.11.4. Recent Developments
- 11.12. Teledyne Dalsa
 - 11.12.1. Company Overview
 - 11.12.2. Revenue Analysis
 - 11.12.3. Product Portfolio
 - 11.12.4. Recent Developments

12. RELATED REPORTS

List Of Tables

LIST OF TABLES

- Table 1 Medicare Reimbursement Cuts For X-Ray On The Basis Of Technology
- Table 2 List Of Recent Product Launched By Few Companies
- Table 3 List Of Average Cost Savings For Few Travelled Destination
- Table 4 North America X-Ray Detector Market, By Country, 2016-2025 (Usd Million)
- Table 5 North America X-Ray Detector Market, By Type, 2016 – 2025 (Usd Million)
- Table 6 North America Fpds Market, By Product Type, 2016 - 2025 (Usd Million)
- Table 7 North America Fpds Market, By Product Type, 2016 - 2025 (Usd Million)
- Table 8 North America Fpds Market, By Panel Size, By Indirect Fpds, 2016 - 2025 (Usd Million)
- Table 9 North America Fpds Market, By Types Of System, By Indirect Fpds, 2016 - 2025 (Usd Million)
- Table 10 North America Fpds Market, By Portability, By Indirect Fpds, 2016 - 2025 (Usd Million)
- Table 11 North America X-Ray Detector Market, By Application, 2016-2025 (Usd Million)
- Table 12 North America X Ray Detector Market By Medical Application, 2016 - 2025 (Usd Million)
- Table 13 North America Medical Application, By Static Imaging, 2016 - 2025 (Usd Million)
- Table 14 North America Medical Application, By Dynamic Imaging, 2016 - 2025 (Usd Million)
- Table 15 North America X-Ray Detector Market, By End User, 2016-2025 (Usd Million)
- Table 16 U.S. X-Ray Detector Market, By Type, Asp, 2016 – 2025 (Usd)
- Table 17 U.S. X-Ray Detector Market, By Type, 2016 – 2025 (Thousand Units)
- Table 18 U.S. X-Ray Detector Market, By Type, 2016 – 2025 (Usd Million)
- Table 19 U.S. Fpds Market, By Product Type, 2016 - 2025 (Usd Million)
- Table 20 U.S. Fpds Market, By Product Type, 2016 - 2025 (Usd Million)
- Table 21 U.S. Fpds Market, By Panel Size, By Indirect Fpds, 2018 - 2025 (Usd Million)
- Table 22 U.S. Fpds Market, By Types Of System, By Indirect Fpds, 2016 - 2025 (Usd Million)
- Table 23 U.S. Fpds Market, By Portability, By Indirect Fpds, 2016- 2025 (Usd Million)
- Table 24 U.S. X-Ray Detector Market, By Application, 2016-2025 (Usd Million)
- Table 25 U.S. Medical Application, By Medical Application, 2016 - 2025 (Usd Million)
- Table 26 U.S. Medical Application, By Static Imaging, 2016 - 2025 (Usd Million)
- Table 27 U.S. Medical Application, By Dynamic Imaging, 2016 - 2025 (Usd Million)

- Table 28 U.S. X-Ray Detector Market, By End User, 2016-2025 (Usd Million)
- Table 29 Canada X-Ray Detector Market, By Type, Asp, 2016 – 2025 (Usd)
- Table 30 Canada X-Ray Detector Market, By Type, 2016 – 2025 (Thousand Units)
- Table 31 Canada X-Ray Detector Market, By Type, 2016 – 2025 (Usd Million)
- Table 32 Canada Fpds Market, By Product Type, 2016 - 2025 (Usd Million)
- Table 33 Canada Fpds Market, By Product Type, 2016 - 2025 (Usd Million)
- Table 34 Canada Fpds Market, By Panel Size, By Indirect Fpds, 2016 - 2025 (Usd Million)
- Table 35 Canada Fpds Market, By Type Of System, By Indirect Fpds, 2016 - 2025 (Usd Million)
- Table 36 Canada Fpds Market, By Portability, By Indirect Fpds, 2016 - 2025 (Usd Million)
- Table 37 Canada X-Ray Detector Market, By Application, 2016-2025 (Usd Million)
- Table 38 Canada Medical Application, By Medical Applications, 2016 - 2025 (Usd Million)
- Table 39 Canada Medical Application, By Static Imaging, 2016 - 2025 (Usd Million)
- Table 40 Canada Medical Application, By Dynamic Imaging, 2016 - 2025 (Usd Million)
- Table 41 Canada X-Ray Detector Market, By End User, 2016-2025 (Usd Million)
- Table 42 Mexico X-Ray Detector Market, By Type, Asp, 2016 – 2025 (Usd)
- Table 43 Mexico X-Ray Detector Market, By Type, 2016 – 2025 (Thousand Units)
- Table 44 Mexico X-Ray Detector Market, By Type, 2016 – 2025 (Usd Million)
- Table 45 Mexico Fpds Market, By Product Type, 2016 - 2025 (Usd Million)
- Table 46 Mexico Fpds Market, By Product Type, 2016 - 2025 (Usd Million)
- Table 47 Mexico Fpds Market, By Panel Size, By Indirect Fpds, 2018 - 2025 (Usd Million)
- Table 48 Mexico Fpds Market, By Type Of System, By Indirect Fpds, 2016 - 2025 (Usd Million)
- Table 49 Mexico Fpds Market, By Portability, By Indirect Fpds, 2016 - 2025 (Usd Million)
- Table 50 Mexico X-Ray Detector Market, By Application, 2016-2025 (Usd Million)
- Table 51 Mexico Medical Application, By Medical Application, 2016 - 2025 (Usd Million)
- Table 52 Mexico Medical Application, By Static Imaging, 2016 - 2025 (Usd Million)
- Table 53 Mexico Medical Application, By Dynamic Imaging, 2016 - 2025 (Usd Million)
- Table 54 Mexico X-Ray Detector Market, By End User, 2016-2025 (Usd Million)

List Of Figures

LIST OF FIGURES

- Figure 1 North America X-Ray Detector Market: Segmentation
- Figure 2 North America X-Ray Detector Market: Data Triangulation
- Figure 3 North America X-Ray Detector Market: Research Snapshot
- Figure 4 North America X-Ray Detector Market: Bottom Up Approach
- Figure 5 North America X-Ray Detector Market: Top Down Approach
- Figure 6 North America X-Ray Detector Methods Market: Interview Demographics
- Figure 7 North America X-Ray Detector Market: Segmentation
- Figure 9 Drivers, Restraints, Opportunities, And Challenges Of X-Ray Detector Market
- Figure 10 Growing Geriatric Population And Chronic Diseases Are Expected To Drive The Market For X-Ray Detector Methods In The Forecast Period 2018 To 2025
- Figure 11 Flat Panel Detectors Segment Is Expected To Account For The Largest Share Of The North America X-Ray Detector Methods Market In 2018 & 2025
- Figure 12 North America X-Ray Detector Market: By Type, 2017
- Figure 13 North America X-Ray Detector Market: By Application, 2017
- Figure 14 North America X-Ray Detector Market: By End User, 2017
- Figure 15 North America X-Ray Detector Market: Snapshot (2017)
- Figure 16 North America X-Ray Detector Market: By Country (2017)
- Figure 17 North America X-Ray Detector Market: By Country (2018)
- Figure 18 North America X-Ray Detector Market, By Country (2018 & 2025)
- Figure 19 North America X-Ray Detector Market, By Type (2018 & 2025)
- Figure 20 North America X-Ray Detector Market: Company Share 2017 (%)

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