

X-Ray Detectors Market by Technology (FPD (Csl, A-si, A-se, Gadox, CMOS, Fixed, Portable, Digital, Retrofit), Line scan, CCD, CR), Application (Medical (Ortho, Mammography, Oncology, Chest, fluoroscopy, CVD, Surg), Vet, Defence, Industry) - Global Forecast to 2030

Market Report | 2025-07-22 | 287 pages | MarketsandMarkets

AVAILABLE LICENSES:

- Single User \$4950.00
- Multi User \$6650.00
- Corporate License \$8150.00
- Enterprise Site License \$10000.00

Report description:

The global market for X-ray detectors is projected to grow from USD 3.4 billion in 2025 to reach USD 4.4 billion in 2030, at a CAGR of 5.5% over the forecast period. The industry's growth is driven by multiple factors, such as the need for timely disease detection, the emphasis on early diagnosis, a growing patient population, and rising investments in modernizing healthcare infrastructure and digital imaging solutions. The demand for advanced diagnostic tools continues to increase, further broadening the clinical applications of X-ray detectors. Additionally, innovations like portable X-ray systems, AI-enabled imaging analysis applications, and increased sensitivity in detectors are enhancing the efficiency and accuracy of diagnostic imaging.

<https://www.marketsandmarkets.com/Images/x-ray-detectors-market-Overview.webp>

By technology, the flat-panel detectors segment is expected to grow at the highest CAGR during the forecast period. The X-ray detectors market is segmented by technology into flat-panel, computed radiography, line scans, charge-coupled devices, and photo-counting detectors. The flat-panel detectors segment is expected to grow at the highest CAGR during the forecast period. The growing demand for mobile X-ray systems in emergency departments, ICUs, and underserved areas drives hospitals to adopt lightweight, wireless flat-panel detectors. These advanced detectors offer fast, flexible, and high-resolution imaging, significantly enhancing bedside X-ray capabilities and supporting improved patient care in critical and high-pressure clinical environments. Additionally, portable and cable-free flat-panel detectors minimize the need to transfer critically ill patients from their point of care to central imaging facilities, thereby reducing risk and improving efficiency. During emergencies, public

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scott-international.com

www.scott-international.com

health situations, or in temporary or field-medicine environments, these easily portable and battery-operated X-ray units will help further reduce delays.

By portability type, the fixed flat-panel detectors segment accounted for the largest market share in 2024.

Based on the portability type, the market for X-ray detectors is divided into portable and fixed flat-panel detectors. The growth of fixed flat-panel detectors (FPDs) in X-ray imaging is driven by their widespread use in high-throughput clinical environments such as radiology departments, diagnostic centers, and hospitals where consistent, high-quality imaging is essential. Fixed FPDs offer superior image resolution, fast acquisition times, and enhanced durability, making them ideal for applications like chest radiography, orthopedic imaging, and mammography. Additionally, increasing investment in hospital infrastructure, rising demand for digital radiography systems, and the need for efficient workflow integration with PACS are further accelerating the adoption of fixed FPDs in routine diagnostic imaging.

By application, the medical applications segment accounted for the largest share of the market.

Based on the application, the market for X-ray detectors is divided into medical, dental, security/defense, veterinary, industrial, and other applications. The increase in demand for X-ray detectors used in medical imaging procedures arises principally from an ever-growing need to provide timely and accurate diagnoses of chronic ailments, e.g., cancer, cardiovascular diseases, and musculoskeletal disorders. Technological refinements in the detector systems directed towards the highest spatial resolution, lowest radiation dose, and fastest image acquisition simultaneously enhance diagnostic accuracy and clinical efficiency. The shift toward digital radiography, coupled with the rising use of portable and mobile imaging devices, is also crucial in increasing detector adoption, particularly as healthcare systems modernize and expand, especially in emerging markets.

By region, North America accounted for the largest market share in 2024.

The market for X-ray detectors encompasses five regions: North America, Europe, the Asia Pacific, Latin America, and the Middle East & Africa. The North American X-ray detector market is growing vigorously, driven by the high regional focus on enhancing the efficiency of healthcare, patient safety, and correct diagnosis. The trend towards less invasive and faster diagnosis procedures is compelling healthcare providers to adopt more advanced imaging devices that support rapid clinical decision-making. Furthermore, initiatives taken by the governments to enhance healthcare infrastructure, combined with the push towards digitalization in healthcare organizations, encourage the transition from conventional imaging systems to high-performance digital X-ray detectors. Moreover, the growing emphasis on decentralized healthcare provision is fuelling the demand for point-of-care and mobile imaging solutions.

The primary interviews conducted for this report can be categorized as follows:

-□By Respondent: Supply Side- 60% and Demand Side 40%

-□By Designation: Managers - 20%, CXO & Directors - 30%, and Executives - 50%

-□By Region: North America -40%, Europe -30%, Asia Pacific -20%, Latin America -5%, and the Middle East & Africa- 5%

List of Key Companies Profiled in the Report:

The prominent players in the X-ray detectors market are Varex Imaging (US), Canon (Japan), Thales Group (France), Analogic Corporation (US), Agfa-Gevaert Group (Belgium), Carestream Health (US), Drtech (South Korea), Detection Technology PLC (Finland), Fujifilm Holdings Corporation (Japan), and Hamamatsu Photonics K.K (Japan), among others.

Research Coverage:

This report studies the X-ray detectors market based on technology, type, application, and region. It also covers the factors affecting market growth, analyzes the various opportunities and challenges in the market, and provides details of the competitive landscape for market leaders. Furthermore, the report analyzes micro markets concerning their growth trends. It forecasts the revenue of the market segments relating to five central regions (and the respective countries in these regions).

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Key Benefits of Buying the Report:

The report will help market leaders/new entrants by providing the closest approximations of the X-ray detectors market's revenue numbers and subsegments. It will also help stakeholders better understand the competitive landscape and gain more insights to position their business better and make suitable go-to-market strategies. This report will enable stakeholders to understand the market's pulse and provide them with information on the key market drivers, restraints, opportunities, and challenges.

The report provides insights on the following pointers:

- Analysis of key drivers (investments to advance healthcare facilities and digital imaging technologies, rising target patient population), restraints (high cost of x-ray detectors, health hazards of full-body scanning), opportunities (rising healthcare expenditure across emerging economies and rising technological advancements), and challenges (lack of animal healthcare awareness in emerging countries and the increasing adoption of refurbished x-ray units).
- Product Development/Innovation: Detailed insights on upcoming technologies, research and development activities, and new product approvals/launches in the X-ray detectors market.
- Market Development: Comprehensive information about lucrative markets - the report analyses the market across varied regions.
- Market Diversification: Exhaustive information about new products, untapped geographies, recent developments, and investments in the X-ray detectors market
- Competitive Assessment: In-depth assessment of market shares, growth strategies, and product offerings of leading players. A detailed analysis of the key industry players has been done to provide insights into their key strategies, product launches/approvals, pipeline analysis, acquisitions, partnerships, agreements, collaborations, other recent developments, investment and funding activities, brand/product comparative analysis, and vendor valuation and financial metrics of the X-ray detectors market.

Table of Contents:

1	INTRODUCTION	26
1.1	STUDY OBJECTIVES	26
1.2	MARKET DEFINITION	26
1.3	STUDY SCOPE	27
1.3.1	MARKETS COVERED AND REGIONAL SCOPE	27
1.3.2	INCLUSIONS AND EXCLUSIONS	28
1.3.3	YEARS CONSIDERED	28
1.4	CURRENCY CONSIDERED	29
1.5	STAKEHOLDERS	29
1.6	SUMMARY OF CHANGES	29
2	RESEARCH METHODOLOGY	30
2.1	RESEARCH APPROACH	30
2.1.1	SECONDARY RESEARCH	31
2.1.1.1	Key secondary sources	31
2.1.2	PRIMARY RESEARCH	32
2.1.2.1	Primary sources	33
2.1.2.2	Key industry insights	34
2.1.2.3	Breakdown of primaries	34
2.2	MARKET SIZE ESTIMATION	35
2.2.1	BOTTOM-UP APPROACH	37
2.2.1.1	Company revenue estimation approach	37
2.2.1.2	Customer-based market estimation	38
2.2.1.3	CAGR projections	39
2.3	GROWTH FORECAST MODEL	39

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

2.4	DATA TRIANGULATION APPROACH	40
2.5	MARKET SHARE ESTIMATION	41
2.6	RESEARCH ASSUMPTIONS	41
2.7	RESEARCH LIMITATIONS	41
2.8	RISK ASSESSMENT	42
3	EXECUTIVE SUMMARY	43
4	PREMIUM INSIGHTS	47
4.1	X-RAY DETECTORS MARKET OVERVIEW	47
4.2	REGIONAL SNAPSHOT OF X-RAY DETECTORS MARKET	48
	?	
5	MARKET OVERVIEW	49
5.1	INTRODUCTION	49
5.2	MARKET DYNAMICS	49
5.2.1	DRIVERS	50
5.2.1.1	Rising investments in healthcare infrastructure and digital imaging technologies	50
5.2.1.2	Growing demand for X-ray detectors in security and industrial applications	50
5.2.1.3	Technological advancements in X-ray detectors	51
5.2.1.4	Increasing target patient population	51
5.2.2	RESTRAINTS	52
5.2.2.1	High cost of X-ray detectors	52
5.2.2.2	Health concerns associated with full-body X-ray scanning	52
5.2.2.3	Stringent regulatory and compliance requirements	52
5.2.3	OPPORTUNITIES	53
5.2.3.1	Rising demand for portable and mobile imaging	53
5.2.3.2	Growth opportunities in developing and emerging markets	53
5.2.3.3	Emerging non-medical uses of X-ray detectors	54
5.2.4	CHALLENGES	54
5.2.4.1	Lack of skilled radiologists and technicians	54
5.2.4.2	Rising adoption of refurbished X-ray units	55
5.2.4.3	Hospital budget constraints	55
5.3	TRENDS/DISRUPTIONS IMPACTING CUSTOMER BUSINESS	56
5.4	PRICING ANALYSIS	57
5.4.1	AVERAGE SELLING PRICE OF FLAT PANEL DETECTORS	57
5.4.2	AVERAGE SELLING PRICE, BY KEY PLAYER	57
5.4.3	AVERAGE SELLING PRICE TREND, BY REGION	58
5.5	VALUE CHAIN ANALYSIS	59
5.5.1	RESEARCH & DEVELOPMENT	60
5.5.2	RAW MATERIAL PROCUREMENT & PRODUCT DEVELOPMENT	60
5.5.3	MARKETING, SALES, AND DISTRIBUTION	60
5.5.4	POST-SALES SERVICES	61
5.6	SUPPLY CHAIN ANALYSIS	61
5.6.1	PROMINENT COMPANIES	61
5.6.2	SMALL AND MEDIUM-SIZED ENTERPRISES	61
5.6.3	SMALL AND MEDIUM-SIZED ENTERPRISES	62
5.6.4	END USERS	62
5.7	ECOSYSTEM MARKET MAP	62
5.8	INVESTMENT AND FUNDING SCENARIO	63

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

5.9	TECHNOLOGY ANALYSIS	65
5.9.1	KEY TECHNOLOGIES	65
5.9.1.1	Flat panel detectors	65
5.9.1.2	Photon counting detectors	66
5.9.2	COMPLEMENTARY TECHNOLOGIES	66
5.9.2.1	Artificial intelligence and machine learning	66
5.9.3	ADJACENT TECHNOLOGIES	67
5.9.3.1	Computed tomography	67
5.9.3.2	Magnetic resonance imaging	67
5.10	PATENT ANALYSIS	67
5.11	TRADE ANALYSIS	70
5.11.1	IMPORT SCENARIO (HS CODE 902214)	70
5.11.2	EXPORT SCENARIO (HS CODE 902214)	71
5.12	KEY CONFERENCES AND EVENTS, 2025-2026	73
5.13	REGULATORY LANDSCAPE	74
5.13.1	REGULATORY GUIDELINES	74
5.13.1.1	North America	74
5.13.1.1.1	US	74
5.13.1.1.2	Canada	74
5.13.1.2	Europe	75
5.13.1.2.1	UK	75
5.13.1.2.2	France	75
5.13.1.2.3	Germany	75
5.13.1.3	Asia Pacific	75
5.13.1.3.1	China	75
5.13.1.3.2	Japan	76
5.13.1.3.3	India	76
5.13.1.4	Latin America	76
5.13.1.4.1	Brazil	76
5.13.1.4.2	Mexico	77
5.13.1.5	Middle East & Africa	77
5.13.2	REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	77
5.14	PORTER'S FIVE FORCE ANALYSIS	79
5.14.1	BARGAINING POWER OF SUPPLIERS	80
5.14.2	BARGAINING POWER OF BUYERS	80
5.14.3	THREAT OF NEW ENTRANTS	81
5.14.4	THREAT OF SUBSTITUTES	81
5.14.5	INTENSITY OF COMPETITIVE RIVALRY	81
5.15	KEY STAKEHOLDERS AND BUYING CRITERIA	81
5.15.1	KEY STAKEHOLDERS IN BUYING PROCESS	81
5.15.2	KEY BUYING CRITERIA	82
?		
5.16	UNMET NEEDS	83
5.17	IMPACT OF AI ON X-RAY DETECTORS MARKET	83
5.17.1	INTRODUCTION	83
5.17.2	MARKET POTENTIAL OF AI ON X-RAY DETECTORS	83
5.17.3	AI USE CASES	84

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 5.17.4 KEY COMPANIES IMPLEMENTING AI 84
- 5.17.5 FUTURE OF GENERATIVE AI ON X-RAY DETECTORS MARKET 85
- 5.18 IMPACT OF 2025 US TARIFF 85
 - 5.18.1 INTRODUCTION 85
 - 5.18.2 KEY TARIFF RATES 86
 - 5.18.3 PRICE IMPACT ANALYSIS 86
 - 5.18.4 IMPACT ON COUNTRY/REGION 86
 - 5.18.4.1 US 86
 - 5.18.4.2 Europe 87
 - 5.18.4.3 Asia Pacific 87
 - 5.18.5 IMPACT ON END-USE INDUSTRIES 87
- 6 X-RAY DETECTORS MARKET, BY TECHNOLOGY 88
 - 6.1 INTRODUCTION 89
 - 6.2 FLAT PANEL DETECTORS 89
 - 6.2.1 INCREASING LAUNCHES OF FLAT PANEL DETECTORS BY KEY PLAYERS TO FUEL MARKET 89
 - 6.3 COMPUTED RADIOGRAPHY DETECTORS 90
 - 6.3.1 WIRELESS COMMUNICATION AND REMOTE MONITORING CAPABILITIES TO PROMOTE GROWTH 90
 - 6.4 LINE-SCAN DETECTORS 91
 - 6.4.1 INCREASING ADOPTION OF X-RAY DETECTORS IN SECURITY APPLICATIONS AND MEDICAL IMAGING TO FAVOR GROWTH 91
 - 6.5 CHARGE-COUPLED DEVICE DETECTORS 92
 - 6.5.1 COST-EFFECTIVENESS AND FAST PROCESSING CAPABILITIES TO AID GROWTH 92
 - 6.6 PHOTON-COUNTING DETECTORS 93
 - 6.6.1 RISING NEED FOR HIGH-RESOLUTION IMAGING WITH LOW RADIATION TO EXPEDITE GROWTH 93
- 7 FLAT PANEL DETECTORS MARKET 95
 - 7.1 INTRODUCTION 96
 - 7.2 BY TYPE 96
 - 7.2.1 CESIUM IODIDE FLAT PANEL DETECTORS 97
 - 7.2.1.1 High detective quantum efficiency to foster growth 97
 - 7.2.2 GADOLINIUM OXYSULFIDE FLAT PANEL DETECTORS 98
 - 7.2.2.1 Affordability, mechanical resilience, and adaptability to support growth 98
 - 7.2.3 AMORPHOUS SILICON FLAT PANEL DETECTORS 99
 - 7.2.3.1 Superior image quality and minimized radiation exposure to favor growth 99
 - 7.2.4 AMORPHOUS SELENIUM FLAT PANEL DETECTORS 100
 - 7.2.4.1 Enhanced sensitivity, robust durability, and extended lifespan to drive market 100
 - 7.2.5 CMOS FLAT PANEL DETECTORS 101
 - 7.2.5.1 Increasing use of CMOS in medical imaging, industrial inspection, and scientific research to aid growth 101
 - 7.2.6 OTHER FLAT PANEL DETECTORS 102
 - 7.3 BY PANEL TYPE 103
 - 7.3.1 LARGE-AREA FLAT PANEL DETECTORS 104
 - 7.3.1.1 Broader imaging coverage and improved workflow efficiency to amplify growth 104
 - 7.3.2 MEDIUM-AREA FLAT PANEL DETECTORS 104
 - 7.3.2.1 Increasing adoption of detectors in medical and industrial applications to stimulate growth 104
 - 7.3.3 SMALL-AREA FLAT PANEL DETECTORS 105
 - 7.3.3.1 Faster image acquisition and compact design to facilitate growth 105
 - 7.4 BY PORTABILITY 106
 - 7.4.1 PORTABLE FLAT PANEL DETECTORS 107

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 7.4.1.1 Reduced radiation exposure and user-friendly operation to encourage growth 107
- 7.4.2 FIXED FLAT PANEL DETECTORS 107
 - 7.4.2.1 Consistent and efficient imaging performance to contribute to growth 107
- 7.5 BY PLATFORM 108
 - 7.5.1 DIGITAL FLAT PANEL DETECTORS 109
 - 7.5.1.1 Increasing use of detectors for digital mammography and angiography to accelerate growth 109
 - 7.5.2 RETROFIT FLAT PANEL DETECTORS 110
 - 7.5.2.1 Ability to improve diagnostic capabilities and streamline workflow to promote growth 110
- 8 X-RAY DETECTORS MARKET, BY APPLICATION 111
 - 8.1 INTRODUCTION 112
 - 8.2 MEDICAL APPLICATIONS 112
 - 8.2.1 STATIC IMAGING APPLICATIONS 113
 - 8.2.1.1 Chest imaging application 114
 - 8.2.1.1.1 Need for diagnostic precision and improved patient outcomes to boost market 114
 - 8.2.1.1.2 Orthopedics application 115
 - 8.2.1.1.2.1 Increasing prevalence of obesity and related lifestyle disorders to spur growth 115
 - 8.2.1.1.3 Mammography application 116
 - 8.2.1.1.3.1 Growing incidence of breast cancer to propel market 116
 - 8.2.1.1.4 Oncology application 117
 - 8.2.1.1.4.1 Growing emphasis on early detection and timely treatment to drive market 117
 - 8.2.1.5 Other static imaging applications 118
 - 8.2.2 DYNAMIC IMAGING 118
 - 8.2.2.1 Fluoroscopy application 119
 - 8.2.2.1.1 Rising health awareness to bolster growth 119
 - 8.2.2.1.2 Surgical imaging 120
 - 8.2.2.1.2.1 Growing preference for minimally invasive techniques to fuel market 120
 - 8.2.2.3 Cardiovascular imaging application 121
 - 8.2.2.3.1 Rising demand for early diagnosis and effective management of cardiovascular diseases to propel market 121
 - 8.2.2.4 Spinal imaging application 122
 - 8.2.2.4.1 Growing integration of digital radiography to boost market 122
 - 8.3 DENTAL APPLICATIONS 123
 - 8.3.1 INCREASING PREVALENCE OF DENTAL CARIES AND PERIODONTAL DISEASES TO AID GROWTH 123
 - 8.4 SECURITY/DEFENSE APPLICATIONS 124
 - 8.4.1 HOMELAND SECURITY 125
 - 8.4.1.1 Need for surveillance in high-security environments to support growth 125
 - 8.4.2 PUBLIC & PRIVATE ENTERPRISES 126
 - 8.4.2.1 Evolving security needs to accelerate growth 126
 - 8.4.3 DEFENSE 127
 - 8.4.3.1 Rising use of X-ray detection systems in border checkpoints and crossings to facilitate growth 127
 - 8.5 VETERINARY APPLICATIONS 128
 - 8.5.1 RISING PET ADOPTION AND GROWING FOCUS ON ANIMAL HEALTH TO BOOST MARKET 128
 - 8.6 INDUSTRIAL APPLICATIONS 129
 - 8.6.1 NON-DESTRUCTIVE TESTING 130
 - 8.6.1.1 Stricter safety norms and aging infrastructure to contribute to growth 130
 - 8.6.2 ELECTRONIC INSPECTION 131
 - 8.6.2.1 Rising need for precision in electronics to augment growth 131

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

8.7 OTHER APPLICATIONS 132

?

9 X-RAY DETECTORS MARKET, BY REGION 133

9.1 INTRODUCTION 134

9.2 NORTH AMERICA 134

9.2.1 MACROECONOMIC OUTLOOK FOR NORTH AMERICA 135

9.2.2 US 140

9.2.2.1 Rising incidence of chronic conditions to spur growth 140

9.2.3 CANADA 142

9.2.3.1 Favorable government initiatives to bolster growth 142

9.3 EUROPE 144

9.3.1 MACROECONOMIC OUTLOOK FOR EUROPE 144

9.3.2 GERMANY 150

9.3.2.1 Booming automotive and defense sectors to aid growth 150

9.3.3 FRANCE 152

9.3.3.1 Shifting demography toward elderly population to facilitate growth 152

9.3.4 UK 153

9.3.4.1 Strategic investments in digital health technologies to foster growth 153

9.3.5 ITALY 154

9.3.5.1 Growing focus on security to boost market 154

9.3.6 SPAIN 156

9.3.6.1 Growing focus on digital health transformation to propel market 156

9.3.7 REST OF EUROPE 157

9.4 ASIA PACIFIC 159

9.4.1 MACROECONOMIC OUTLOOK FOR ASIA PACIFIC 159

9.4.2 JAPAN 165

9.4.2.1 Growing elderly population to drive market 165

9.4.3 CHINA 167

9.4.3.1 Decreasing prices of flat panel detectors to boost market 167

9.4.4 INDIA 168

9.4.4.1 Rising disposable incomes to facilitate growth 168

9.4.5 AUSTRALIA 170

9.4.5.1 Increasing focus on early detection and preventive care to boost market 170

9.4.6 SOUTH KOREA 171

9.4.6.1 Favorable insurance coverage to expedite growth 171

9.4.7 REST OF ASIA PACIFIC 173

9.5 LATIN AMERICA 174

9.5.1 MACROECONOMIC OUTLOOK FOR LATIN AMERICA 174

9.5.2 BRAZIL 180

9.5.2.1 Rising disease burden to contribute to growth 180

9.5.3 MEXICO 182

9.5.3.1 Increasing number of hospitals to expedite growth 182

9.5.4 REST OF LATIN AMERICA 183

9.6 MIDDLE EAST & AFRICA 185

9.6.1 MACROECONOMIC OUTLOOK FOR MIDDLE EAST & AFRICA 185

9.6.2 GCC COUNTRIES 191

9.6.2.1 Increasing adoption of AI and cloud-based imaging technologies to foster growth 191

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

9.6.3	REST OF MIDDLE EAST & AFRICA	192
10	COMPETITIVE LANDSCAPE	194
10.1	INTRODUCTION	194
10.2	KEY PLAYER STRATEGIES	194
10.2.1	OVERVIEW OF STRATEGIES ADOPTED BY KEY PLAYERS IN X-RAY DETECTORS MARKET	195
10.3	REVENUE ANALYSIS, 2021-2024	196
10.4	MARKET SHARE ANALYSIS, 2024	197
10.5	COMPANY VALUATION AND FINANCIAL METRICS	199
10.6	BRAND/PRODUCT COMPARISON	201
10.7	COMPANY EVALUATION MATRIX: KEY PLAYERS, 2024	202
10.7.1	STARS	202
10.7.2	EMERGING LEADERS	202
10.7.3	PERVASIVE PLAYERS	202
10.7.4	PARTICIPANTS	202
10.7.5	COMPANY FOOTPRINT: KEY PLAYERS, 2024	204
10.7.5.1	Company footprint	204
10.7.5.2	Region footprint	205
10.7.5.3	Technology footprint	206
10.7.5.4	Type footprint	207
10.7.5.5	Application footprint	208
10.8	COMPANY EVALUATION MATRIX: STARTUPS/SMES, 2024	209
10.8.1	PROGRESSIVE COMPANIES	209
10.8.2	RESPONSIVE COMPANIES	209
10.8.3	DYNAMIC COMPANIES	209
10.8.4	STARTING BLOCKS	209
10.8.5	COMPETITIVE BENCHMARKING OF STARTUPS/SMES, 2024	211
10.8.5.1	Detailed list of key startups/SMEs	211
10.8.5.2	Competitive benchmarking of key startups/SMEs	212
10.9	COMPETITIVE SCENARIO	213
10.9.1	PRODUCT LAUNCHES AND APPROVALS	213
10.9.2	DEALS	216
10.9.3	EXPANSIONS	217
	?	
11	COMPANY PROFILES	219
11.1	KEY PLAYERS	219
11.1.1	VAREX IMAGING	219
11.1.1.1	Business overview	219
11.1.1.2	Products offered	220
11.1.1.3	Recent developments	222
11.1.1.3.1	Product launches and approvals	222
11.1.1.4	MnM view	222
11.1.1.4.1	Key strengths	222
11.1.1.4.2	Strategic choices	222
11.1.1.4.3	Weaknesses and competitive threats	223
11.1.2	THALES	224
11.1.2.1	Business overview	224
11.1.2.2	Products offered	225

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 11.1.2.3 Recent developments 226
- 11.1.2.3.1 Product launches and approvals 226
- 11.1.2.4 MnM view 227
- 11.1.2.4.1 Key strengths 227
- 11.1.2.4.2 Strategic choices 227
- 11.1.2.4.3 Weaknesses and competitive threats 227
- 11.1.3 CANON INC. 228
- 11.1.3.1 Business overview 228
- 11.1.3.2 Products offered 229
- 11.1.3.3 Recent developments 230
- 11.1.3.3.1 Product launches and approvals 230
- 11.1.3.3.2 Deals 231
- 11.1.3.3.3 Expansions 231
- 11.1.3.4 MnM view 231
- 11.1.3.4.1 Key strengths 231
- 11.1.3.4.2 Strategic choices 232
- 11.1.3.4.3 Weaknesses and competitive threats 232
- 11.1.4 IRAY GROUP 233
- 11.1.4.1 Business overview 233
- 11.1.4.2 Products offered 233
- 11.1.4.3 MnM view 234
- 11.1.4.3.1 Key strengths 234
- 11.1.4.3.2 Strategic choices 234
- 11.1.4.3.3 Weaknesses and competitive threats 234
- ?
- 11.1.5 KONICA MINOLTA, INC. 235
- 11.1.5.1 Business overview 235
- 11.1.5.2 Products offered 236
- 11.1.5.3 Recent developments 237
- 11.1.5.3.1 Product launches and approvals 237
- 11.1.5.4 MnM view 237
- 11.1.5.4.1 Key strengths 237
- 11.1.5.4.2 Strategic choices 237
- 11.1.5.4.3 Weaknesses and competitive threats 237
- 11.1.6 AGFA-GEVAERT GROUP 238
- 11.1.6.1 Business overview 238
- 11.1.6.2 Products offered 239
- 11.1.6.3 Recent developments 241
- 11.1.6.3.1 Product launches and approvals 241
- 11.1.6.4 MnM view 241
- 11.1.6.4.1 Key strengths 241
- 11.1.6.4.2 Strategic choices 241
- 11.1.6.4.3 Weaknesses and competitive threats 241
- 11.1.7 CARESTREAM HEALTH 242
- 11.1.7.1 Business overview 242
- 11.1.7.2 Products offered 242
- 11.1.7.3 Recent developments 243

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 11.1.7.3.1 Product launches and approvals 243
- 11.1.7.3.2 Deals 244
- 11.1.8 FUJIFILM HOLDINGS CORPORATION 245
 - 11.1.8.1 Business overview 245
 - 11.1.8.2 Products offered 246
- 11.1.9 ANALOGIC CORPORATION 248
 - 11.1.9.1 Business overview 248
 - 11.1.9.2 Products offered 248
 - 11.1.9.3 Recent developments 249
 - 11.1.9.3.1 Deals 249
- 11.1.10 HAMAMATSU PHOTONICS K.K. 250
 - 11.1.10.1 Business overview 250
 - 11.1.10.2 Products offered 251
- 11.1.11 TELEDYNE TECHNOLOGIES INCORPORATED 253
 - 11.1.11.1 Business overview 253
 - 11.1.11.2 Products offered 254
 - 11.1.11.3 Recent developments 255
- ?
- 11.1.12 DRTECH 256
 - 11.1.12.1 Business overview 256
 - 11.1.12.2 Products offered 256
 - 11.1.12.3 Recent developments 257
 - 11.1.12.3.1 Product launches and approvals 257
- 11.1.13 DETECTION TECHNOLOGY PLC 259
 - 11.1.13.1 Business overview 259
 - 11.1.13.2 Products offered 260
 - 11.1.13.3 Recent developments 262
 - 11.1.13.3.1 Product launches and approvals 262
 - 11.1.13.3.2 Expansions 263
- 11.1.14 RIGAKU HOLDINGS CORPORATION 264
 - 11.1.14.1 Business overview 264
 - 11.1.14.2 Products offered 264
- 11.1.15 NEW MEDICAL IMAGING CO., LTD 266
 - 11.1.15.1 Business overview 266
 - 11.1.15.2 Products offered 266
 - 11.1.15.3 Recent developments 267
 - 11.1.15.3.1 Product launches and approvals 267
 - 11.1.15.3.2 Expansions 267
- 11.2 OTHER PLAYERS 268
 - 11.2.1 ASTEL 268
 - 11.2.2 MOXTEK, INC. 269
 - 11.2.3 PI HEALTHCARE SOLUTIONS 270
 - 11.2.4 IBIS S.R.L. 271
 - 11.2.5 VIEWWORKS CO., LTD 272
 - 11.2.6 KA IMAGING 273
 - 11.2.7 ACTEON 274
 - 11.2.8 RAYENCE 275

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

11.2.9 DECTRIS AG 276

11.2.10 BMI BIOMEDICAL INTERNATIONAL S.R.L. 277

12 APPENDIX 278

12.1 DISCUSSION GUIDE 278

12.2 KNOWLEDGESTORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL 283

12.3 CUSTOMIZATION OPTIONS 285

12.4 RELATED REPORTS 285

12.5 AUTHOR DETAILS 286

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

X-Ray Detectors Market by Technology (FPD (Csl, A-si, A-se, Gadox, CMOS, Fixed, Portable, Digital, Retrofit), Line scan, CCD, CR), Application (Medical (Ortho, Mammography, Oncology, Chest, fluoroscopy, CVD, Surg), Vet, Defence, Industry) - Global Forecast to 2030

Market Report | 2025-07-22 | 287 pages | MarketsandMarkets

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scott's-international.com

ORDER FORM:

Select license	License	Price
	Single User	\$4950.00
	Multi User	\$6650.00
	Corporate License	\$8150.00
	Enterprise Site License	\$10000.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scott's-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scott's-international.com

www.scott's-international.com

Zip Code*

Country*

Date

2026-03-16

Signature

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com