

## **China X-Ray Inspection Systems Market - Industry Trends and Forecast to 2030**

Market Report | 2023-09-01 | 127 pages | Data Bridge Market Research

### **AVAILABLE LICENSES:**

- Single User License \$3500.00
- Corporate Users License \$4200.00

### **Report description:**

China X-ray inspection systems market is expected to reach USD 115,734.45 thousand by 2030, at a CAGR of 9.3% during the forecast period of 2023 to 2030. The new market report contains data for the historic year 2021, the base year of calculation is 2022 and the forecast period is 2023 to 2030.

### **Market Segmentation**

China X-Ray Inspection Systems Market, By Offering (Hardware, Software, and Services), Imaging Technique (Film Based Imaging and Digital Imaging), Dimension (2d, 3d), Product Type (Packaged Products, Un-Packaged Products, Pumped, and Others), Scanning Technology (HD Technology, Ultra-HD Technology, and Others), Number Of Lanes (Single Lane, Multi-Lane, and Others), End-User (Oil & Gas, Power Generation, Government Infrastructure, Food & Beverage, Aerospace, Automotive, Pharmaceuticals & Nutraceuticals, and Others), Country (China) - Industry Trends and Forecast to 2030

Some of the major factors contributing to the growth of the market are:

- Rising adoption in food and beverage sector for X-ray inspection systems
- Increase in automation across various application

### **Market Players**

Some of the major players operating in China X-ray inspection systems market are:

- Sesotec GmbH
- ISHIDA CO.LTD.
- Loma Systems
- Mekitec group
- ANRITSU
- METTLER TOLEDO

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- Shimadzu Corporation
- SYSTEM SQUARE INC.
- Viscom AG
- North Star Imaging Inc.
- Nikon Corporation
- A&D Company
- Limited, Smiths Detection Group Ltd.
- Scienscope

## **Table of Contents:**

TABLE OF CONTENTS	
1 INTRODUCTION	13
1.1 OBJECTIVES OF THE STUDY	13
1.2 MARKET DEFINITION	13
1.3 OVERVIEW OF THE CHINA X-RAY INSPECTION SYSTEMS MARKET	13
1.4 CURRENCY AND PRICING	15
1.5 LIMITATIONS	15
1.6 MARKETS COVERED	15
2 MARKET SEGMENTATION	19
2.1 MARKETS COVERED	19
2.2 YEARS CONSIDERED FOR THE STUDY	20
2.3 GEOGRAPHIC SCOPE	20
2.4 DBMR TRIPOD DATA VALIDATION MODEL	21
2.5 PRIMARY INTERVIEWS WITH KEY OPINION LEADERS	24
2.6 DBMR MARKET POSITION GRID	25
2.7 MULTIVARIATE MODELLING	26
2.8 OFFERING TIMELINE	27
2.9 END-USER COVERAGE GRID	28
2.10 SECONDARY SOURCES	29
2.11 ASSUMPTIONS	29
3 EXECUTIVE SUMMARY	30
4 PREMIUM INSIGHTS	33
4.1 PORTER'S FIVE FORCES	34
4.2 VALUE CHAIN ANALYSIS	35
4.3 COMPANY COMPARATIVE ANALYSIS	37
4.4 IMPORTANCE OF X-RAY INSPECTION SYSTEMS IN DIFFERENT VERTICALS	39
4.5 PRICING ANALYSIS	40
4.6 TECHNOLOGICAL TRENDS	41
4.7 REGULATORY STANDARDS	42
5 MARKET OVERVIEW	44
5.1 DRIVERS	46
5.1.1 INCREASE IN DEMAND FOR NON-DESTRUCTIVE TESTING	46
5.1.2 TECHNOLOGICAL ADVANCEMENTS IN X-RAY INSPECTION SYSTEMS	46
5.1.3 DEVELOPMENT OF PORTABLE/MOBILE INSPECTION SYSTEMS	47?
5.2 RESTRAINTS	48
5.2.1 HIGH COSTS ASSOCIATED WITH X-RAY INSPECTION SYSTEMS	48

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

5.2.2	POTENTIAL RADIATION EXPOSURE BY X-RAY INSPECTION SYSTEMS	48
5.3	OPPORTUNITIES	49
5.3.1	RISING ADOPTION IN THE FOOD AND BEVERAGE SECTOR	49
5.3.2	INCREASING PARTNERSHIP, ACQUISITION, AND COLLABORATION AMONG MARKET PLAYERS	49
5.3.3	HIGH INCREASE IN AUTOMATION ACROSS VARIOUS APPLICATION	50
5.3.4	PRESENCE OF DIFFERENT SCANNING TECHNOLOGY FOR X-RAY INSPECTION SYSTEMS	50
5.4	CHALLENGES	51
5.4.1	REGULATORY COMPLIANCE ASSOCIATED WITH X-RAY INSPECTION SYSTEMS	51
5.4.2	PRESENCE OF ALTERNATIVE INSPECTION SYSTEMS	52
6	CHINA X-RAY INSPECTION SYSTEMS MARKET, BY OFFERING	53
6.1	OVERVIEW	54
6.2	HARDWARE	55
6.3	SOFTWARE	55
6.4	SERVICES	55
6.4.1	SUPPORT & MAINTENANCE	55
6.4.2	INSTALLATION & INTEGRATION	56
6.4.3	TRAINING	56
7	CHINA X-RAY INSPECTION SYSTEMS MARKET, BY IMAGING TECHNIQUE	57
7.1	OVERVIEW	58
7.2	DIGITAL IMAGING	59
7.3	FILM BASED IMAGING	59
8	CHINA X-RAY INSPECTION SYSTEMS MARKET, BY DIMENSION	60
8.1	OVERVIEW	61
8.2	2D	62
8.3	3D	62
9	CHINA X-RAY INSPECTION SYSTEMS MARKET, BY PRODUCT TYPE	63
9.1	OVERVIEW	64
9.2	PACKAGED PRODUCTS	65
9.3	UN-PACKAGED PRODUCTS	65
9.4	PUMPED	65
9.4.1	SEMI-SOLIDS	65
9.4.2	FLUIDS	65
9.5	OTHERS	66
10	CHINA X-RAY INSPECTION SYSTEMS MARKET, BY SCANNING TECHNOLOGY	67
10.1	OVERVIEW	68
10.2	HD TECHNOLOGY	69
10.3	ULTRA-HD TECHNOLOGY	69
10.4	OTHERS	69
11	CHINA X-RAY INSPECTION SYSTEMS MARKET, BY NUMBER OF LANES	70
11.1	OVERVIEW	71
11.2	SINGLE LANE	72
11.3	DUAL LANE	72
11.4	MULTI LANE	72
12	CHINA X-RAY INSPECTION SYSTEMS MARKET, BY END-USE	73
12.1	OVERVIEW	74
12.2	FOOD & BEVERAGE	75
12.2.1	BY OFFERING	75

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

12.2.1.1	HARDWARE	75
12.2.1.2	SOFTWARE	75
12.2.1.3	SERVICES	76
12.2.1.3.1	SUPPORT & MAINTENANCE	76
12.2.1.3.2	INSTALLATION & INTEGRATION	76
12.2.1.3.3	TRAINING	76
12.2.2	BY IMAGING TECHNIQUE	76
12.2.2.1	DIGITAL IMAGING	77
12.2.2.2	FILM BASED IMAGING	77
12.3	SEMICONDUCTOR	77
12.3.1	BY OFFERING	77
12.3.1.1	HARDWARE	77
12.3.1.2	SOFTWARE	77
12.3.1.3	SERVICES	78
12.3.1.3.1	SUPPORT & MAINTENANCE	78
12.3.1.3.2	INSTALLATION & INTEGRATION	78
12.3.1.3.3	TRAINING	78
12.3.2	BY IMAGING TECHNIQUE	78
12.3.2.1	DIGITAL IMAGING	79
12.3.2.2	FILM BASED IMAGING	79?
12.4	PHARMACEUTICALS & NUTRACEUTICALS	79
12.4.1	BY OFFERING	79
12.4.1.1	HARDWARE	79
12.4.1.2	SOFTWARE	79
12.4.1.3	SERVICES	80
12.4.1.3.1	SUPPORT & MAINTENANCE	80
12.4.1.3.2	INSTALLATION & INTEGRATION	80
12.4.1.3.3	TRAINING	80
12.4.2	BY IMAGING TECHNIQUE	80
12.4.2.1	DIGITAL IMAGING	81
12.4.2.2	FILM BASED IMAGING	81
12.5	AUTOMOTIVE	81
12.5.1	BY OFFERING	81
12.5.1.1	HARDWARE	81
12.5.1.2	SOFTWARE	81
12.5.1.3	SERVICES	81
12.5.1.3.1	SUPPORT & MAINTENANCE	82
12.5.1.3.2	INSTALLATION & INTEGRATION	82
12.5.1.3.3	TRAINING	82
12.5.2	BY IMAGING TECHNIQUE	82
12.5.2.1	DIGITAL IMAGING	82
12.5.2.2	FILM BASED IMAGING	82
12.6	OIL & GAS	83
12.6.1	BY OFFERING	83
12.6.1.1	HARDWARE	83
12.6.1.2	SOFTWARE	83
12.6.1.3	SERVICES	83

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

12.6.1.3.1	SUPPORT & MAINTENANCE	84
12.6.1.3.2	INSTALLATION & INTEGRATION	84
12.6.1.3.3	TRAINING	84
12.6.2	BY IMAGING TECHNIQUE	84
12.6.2.1	DIGITAL IMAGING	84
12.6.2.2	FILM BASED IMAGING	84?
12.7	AEROSPACE	85
12.7.1	BY OFFERING	85
12.7.1.1	HARDWARE	85
12.7.1.2	SOFTWARE	85
12.7.1.3	SERVICES	85
12.7.1.3.1	SUPPORT & MAINTENANCE	86
12.7.1.3.2	INSTALLATION & INTEGRATION	86
12.7.1.3.3	TRAINING	86
12.7.2	BY IMAGING TECHNIQUE	86
12.7.2.1	DIGITAL IMAGING	86
12.7.2.2	FILM BASED IMAGING	86
12.8	POWER GENERATION	86
12.8.1	BY OFFERING	87
12.8.1.1	HARDWARE	87
12.8.1.2	SOFTWARE	87
12.8.1.3	SERVICES	87
12.8.1.3.1	SUPPORT & MAINTENANCE	87
12.8.1.3.2	INSTALLATION & INTEGRATION	87
12.8.1.3.3	TRAINING	88
12.8.2	BY IMAGING TECHNIQUE	88
12.8.2.1	DIGITAL IMAGING	88
12.8.2.2	FILM BASED IMAGING	88
12.9	GOVERNMENT INFRASTRUCTURE	88
12.9.1	BY TYPE	89
12.9.1.1	AIRPORT	89
12.9.1.2	RAILWAY	89
12.9.1.3	OTHERS	89
12.9.2	BY OFFERING	89
12.9.2.1	HARDWARE	89
12.9.2.2	SOFTWARE	89
12.9.2.3	SERVICES	90
12.9.2.3.1	SUPPORT & MAINTENANCE	90
12.9.2.3.2	INSTALLATION & INTEGRATION	90
12.9.2.3.3	TRAINING	90
12.9.3	BY IMAGING TECHNIQUE	90
12.9.3.1	DIGITAL IMAGING	91
12.9.3.2	FILM BASED IMAGING	91
12.10	OTHERS	91?
13	CHINA X-RAY INSPECTION SYSTEMS MARKET, COMPANY LANDSCAPE	92
13.1	COMPANY SHARE ANALYSIS: CHINA	92
14	SWOT ANALYSIS	93

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

15 COMPANY PROFILINGS	94
15.1 METTLER TOLEDO	94
15.1.1 COMPANY SNAPSHOT	94
15.1.2 REVENUE ANALYSIS	95
15.1.3 PRODUCT PORTFOLIO	95
15.1.4 RECENT DEVELOPMENTS	96
15.2 SHIMADZU CORPORATION	97
15.2.1 COMPANY SNAPSHOT	97
15.2.2 REVENUE ANALYSIS	97
15.2.3 PRODUCT PORTFOLIO	98
15.2.4 RECENT DEVELOPMENT	98
15.3 SMITHS DETECTION GROUP LTD	99
15.3.1 COMPANY SNAPSHOT	99
15.3.2 REVENUE ANALYSIS	99
15.3.3 PRODUCT PORTFOLIO	100
15.3.4 RECENT DEVELOPMENTS	100
15.4 NIKON METROLOGY INC.	101
15.4.1 COMPANY SNAPSHOT	101
15.4.2 REVENUE ANALYSIS	101
15.4.3 PRODUCT PORTFOLIO	102
15.4.4 RECENT DEVELOPMENT	102
15.5 ANRITSU	103
15.5.1 COMPANY SNAPSHOT	103
15.5.2 REVENUE ANALYSIS	103
15.5.3 PRODUCT PORTFOLIO	104
15.5.4 RECENT DEVELOPMENTS	104
15.6 A&D COMPANY, LIMITED	106
15.6.1 COMPANY SNAPSHOT	106
15.6.2 REVENUE ANALYSIS	107
15.6.3 PRODUCT PORTFOLIO	107
15.6.4 RECENT DEVELOPMENTS	107
15.7 ISHIDA CO.,LTD.	109
15.7.1 COMPANY SNAPSHOT	109
15.7.2 PRODUCT PORTFOLIO	109
15.7.3 RECENT DEVELOPMENT	109
15.8 LOMA SYSTEMS	111
15.8.1 COMPANY SNAPSHOT	111
15.8.2 PRODUCT PORTFOLIO	111
15.8.3 RECENT DEVELOPMENTS	112
15.9 MEKITEC GROUP	113
15.9.1 COMPANY SNAPSHOT	113
15.9.2 PRODUCT PORTFOLIO	113
15.9.3 RECENT DEVELOPMENTS	113
15.10 NORTH STAR IMAGING INC.	115
15.10.1 COMPANY SNAPSHOT	115
15.10.2 PRODUCT PORTFOLIO	115
15.11 SCIENSCOPE	117

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

15.11.1 COMPANY SNAPSHOT	117
15.11.3 RECENT DEVELOPMENTS	117
15.12 SESOTEC GMBH	119
15.12.1 COMPANY SNAPSHOT	119
15.12.2 PRODUCT PORTFOLIO	119
15.12.3 RECENT DEVELOPMENTS	120
15.13 SYSTEM SQUARE INC.	121
15.13.1 COMPANY SNAPSHOT	121
15.14 VISCOM AG	122
15.14.1 COMPANY SNAPSHOT	122
15.14.2 REVENUE ANALYSIS	122
15.14.4 RECENT DEVELOPMENTS	123
16 QUESTIONNAIRE	124
17 RELATED REPORTS	127

## China X-Ray Inspection Systems Market - Industry Trends and Forecast to 2030

Market Report | 2023-09-01 | 127 pages | Data Bridge Market Research

To place an Order with Scotts International:

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

### ORDER FORM:

Select license	License	Price
	Single User License	\$3500.00
	Corporate Users License	\$4200.00
		VAT
		Total

\*Please circle the relevant license option. For any questions please contact support@scotts-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"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2025-05-07"/>
		Signature	<input type="text"/>

**Scotts International. EU Vat number: PL 6772247784**

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

www.scotts-international.com