

Middle East and Africa X-Ray Photoelectron Spectroscopy Market

Market Report | 2024-07-01 | 147 pages | Data Bridge Market Research

AVAILABLE LICENSES:

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

Report description:

The Middle East Asia and Africa X-Ray Photoelectron Spectroscopy market is expected to reach USD 58.20 million by 2031 from USD 42.23 million in 2023, growing at a CAGR of 4.5% in the forecast period of 2024 to 2031.

Market Segmentation:

Middle East Asia and Africa X-ray Photoelectron Spectroscopy market, By Usage (Element Detection, Contamination Detection, Density Estimation, and Empirical Formula Determination), Application (Material Science, Surface Chemistry, Medical Devices, Thin Films and Coatings, Microelectronic Devices, Medical and Biological Samples, Geologic Materials and Others), X-ray Spot Size (Upto 50 ?m, 51-200 ?m, and Above 200 ?m), Method (Qualitative Method, Quantitative Method, and Semi-Quantitative Method), Industry (Semiconductors & Electronics, Metal & Energy, Healthcare, Chemical, Automotive, Aerospace & Defense, Packaging, Printing, and Others), Countries (South Africa, Egypt, Saudi Arabia, U.A.E., Israel, and rest of Middle East and Africa)-Industry Trends and Forecast to 2031

Overview of Middle East Asia and Africa X-Ray Photoelectron Spectroscopy Market Dynamics:

Driver

- Rise in demand for medical research

Restrain

- High cost associated With X-ray devices

Opportunity

- Growth in semiconductors and electronics industries

Market Players:

The key market players operating in Middle East and Africa X-ray photoelectron spectroscopy market are listed below:

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- Thermo Fisher Scientific Inc.
- HORIBA, Ltd.
- SPECS GmbH
- Staib Instruments
- Scienta Omicron

Table of Contents:

1 INTRODUCTION	25
1.1 OBJECTIVES OF THE STUDY	25
1.2 MARKET DEFINITION	25
1.3 OVERVIEW OF THE MIDDLE EAST AND AFRICA X-RAY PHOTOELECTRON SPECTROSCOPY MARKET	25
1.4 CURRENCY AND PRICING	26
1.5 LIMITATIONS	26
1.6 MARKETS COVERED	27
2 MARKET SEGMENTATION	29
2.1 MARKETS COVERED	29
2.2 GEOGRAPHICAL SCOPE	30
2.3 YEARS CONSIDERED FOR THE STUDY	31
2.4 DBMR TRIPOD DATA VALIDATION MODEL	32
2.5 PRIMARY INTERVIEWS WITH KEY OPINION LEADERS	35
2.6 MULTIVARIATE MODELLING	36
2.7 DBMR MARKET POSITION GRID	37
2.8 VENDOR SHARE ANALYSIS	38
2.9 SECONDARY SOURCES	39
2.10 ASSUMPTIONS	39
3 EXECUTIVE SUMMARY	40
4 PREMIUM INSIGHTS	45
4.1 PESTEL ANALYSIS	46
4.2 PORTER'S FIVE FORCES ANALYSIS	47
5 MARKET OVERVIEW	48
5.1 DRIVERS	50
5.1.1 RISE IN DEMAND FOR MEDICAL RESEARCH	50
5.1.2 RISE IN PREVALENCE OF ELDERLY DISORDERS	51
5.1.3 RISING HYPHENATED TECHNOLOGY POPULARITY	51
5.1.4 GROWING HEALTHCARE AND PHARMACEUTICAL SECTOR	52
5.2 RESTRAINTS	53
5.2.1 HIGH COST ASSOCIATED WITH X-RAY DEVICES	53
5.2.2 LIMITED SAMPLE TYPES OF X-RAY PHOTOELECTRONS	53
5.3 OPPORTUNITIES	54
5.3.1 GROWTH IN SEMICONDUCTOR AND ELECTRONIC INDUSTRIES	54
5.3.2 INCREASE IN THE NUMBER OF RESEARCH AND DEVELOPMENT ACTIVITIES	54
5.3.3 CAPABILITY IN HANDLING COMPLEX ANALYTICAL TASKS	55
5.4 CHALLENGES	56
5.4.1 COMPLEXITY IN OPERATING AND MAINTAINING XPS SYSTEMS	56

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

5.4.2 ENVIRONMENTAL CONCERNS ASSOCIATED WITH THE USE OF XPS INSTRUMENT	56
6 MIDDLE EAST AND AFRICA X-RAY PHOTOELECTRON SPECTROSCOPY MARKET, BY USAGE	57
6.1 OVERVIEW	58
6.2 ELEMENT DETECTION	61
6.3 CONTAMINATION DETECTION	62
6.4 DENSITY ESTIMATION	62
6.5 EMPIRICAL FORMULA DETERMINATION	63
7 MIDDLE EAST AND AFRICA X-RAY PHOTOELECTRON SPECTROSCOPY MARKET, BY APPLICATION	64
7.1 OVERVIEW	65
7.2 MATERIAL SCIENCE	68
7.2.1 METALS	68
7.2.2 POLYMERS	68
7.2.3 COMPOSITES	68
7.2.4 CERAMICS	68
7.3 SURFACE CHEMISTRY	69
7.4 MEDICAL DEVICES	69
7.5 THIN FILMS AND COATINGS	70
7.6 MICROELECTRONIC DEVICES	70
7.7 MEDICAL AND BIOLOGICAL SAMPLES	71
7.8 GEOLOGIC MATERIALS	71
7.9 OTHERS	72
8 MIDDLE EAST AND AFRICA X-RAY PHOTOELECTRON SPECTROSCOPY MARKET, BY X-RAY SPOT SIZE	73
8.1 OVERVIEW	74
8.2 UPTO 50 MM	77
8.3 51-200 μ M	78
8.4 ABOVE 200 μ M	78
9 MIDDLE EAST AND AFRICA X-RAY PHOTOELECTRON SPECTROSCOPY MARKET, BY METHOD	79
9.1 OVERVIEW	80
9.2 QUALITATIVE METHOD	83
9.3 QUANTITATIVE METHOD	83
9.4 SEMI-QUANTITATIVE METHOD	84
10 MIDDLE EAST AND AFRICA X-RAY PHOTOELECTRON SPECTROSCOPY MARKET, BY INDUSTRY	85
10.1 OVERVIEW	86
10.2 SEMICONDUCTORS & ELECTRONICS	89
10.3 METAL & ENERGY	90
10.4 HEALTHCARE	90
10.5 CHEMICAL	91
10.6 AUTOMOTIVE	91
10.7 AEROSPACE & DEFENCE	92
10.8 PACKAGING	92
10.9 PRINTING	93
10.10 OTHERS	93
11 MIDDLE EAST AND AFRICA X-RAY PHOTOELECTRON SPECTROSCOPY MARKET, BY REGION	94
11.1 MIDDLE EAST AND AFRICA	96
11.1.1 SAUDI ARABIA	99
11.1.2 SOUTH AFRICA	101
11.1.3 U.A.E.	103

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

11.1.4 EGYPT	105
11.1.5 KUWAIT	107
11.1.6 ISRAEL	109
11.1.7 REST OF MIDDLE EAST AND AFRICA	111
12 MIDDLE EAST AND AFRICA X-RAY PHOTOELECTRON SPECTROSCOPY MARKET: COMPANY LANDSCAPE	112
12.1 COMPANY SHARE ANALYSIS: MIDDLE EAST AND AFRICA	112
13 SWOT ANALYSIS	113
14 COMPANY PROFILES	114
14.1 THERMO FISHER SCIENTIFIC INC.	114
14.1.1 COMPANY SNAPSHOT	114
14.1.2 REVENUE ANALYSIS	114
14.1.3 COMPANY SHARE ANALYSIS	115
14.1.4 PRODUCT PORTFOLIO	115
14.1.5 RECENT DEVELOPMENT	116
14.2 HORIBA, LTD.	117
14.2.1 COMPANY SNAPSHOT	117
14.2.2 REVENUE ANALYSIS	117
14.2.3 COMPANY SHARE ANALYSIS	118
14.2.4 PRODUCT PORTFOLIO	118
14.2.5 RECENT DEVELOPMENT	119
14.3 SPECS GMBH	120
14.3.1 COMPANY SNAPSHOT	120
14.3.2 COMPANY SHARE ANALYSIS	120
14.3.3 PRODUCT PORTFOLIO	121
14.3.4 RECENT DEVELOPMENT	121
14.4 STAIB INSTRUMENTS	122
14.4.1 COMPANY SNAPSHOT	122
14.4.2 COMPANY SHARE ANALYSIS	122
14.4.3 PRODUCT PORTFOLIO	123
14.4.4 RECENT DEVELOPMENT	123
14.5 SCIENTA OMICRON	124
14.5.1 COMPANY SNAPSHOT	124
14.5.2 COMPANY SHARE ANALYSIS	124
14.5.3 PRODUCT PORTFOLIO	125
14.5.4 RECENT DEVELOPMENT	126
14.6 BRUKER	127
14.6.1 COMPANY SNAPSHOT	127
14.6.2 REVENUE ANALYSIS	127
14.6.3 PRODUCT PORTFOLIO	128
14.6.4 RECENT DEVELOPMENT	129
14.7 HITACHI HIGH-TECH INDIA PRIVATE LIMITED (HITACHI, LTD.)	130
14.7.1 COMPANY SNAPSHOT	130
14.7.2 PRODUCT PORTFOLIO	130
14.7.3 RECENT DEVELOPMENT	131
14.8 INTERTEK GROUP PLC	132
14.8.1 COMPANY SNAPSHOT	132
14.8.2 REVENUE ANALYSIS	132

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

14.8.3	PRODUCT PORTFOLIO	133
14.8.4	RECENT DEVELOPMENT	133
14.9	JEOL LTD.	134
14.9.1	COMPANY SNAPSHOT	134
14.9.2	REVENUE ANALYSIS	134
14.9.3	PRODUCT PORTFOLIO	135
14.9.4	RECENT DEVELOPMENT	135
14.10	KRATOS ANALYTICAL LTD (A SHIMADZU GROUP COMPANY)	136
14.10.1	COMPANY SNAPSHOT	136
14.10.2	PRODUCT PORTFOLIO	136
14.10.3	RECENT DEVELOPMENT	136
14.11	LANSCIENTIFIC.	137
14.11.1	COMPANY SNAPSHOT	137
14.11.2	PRODUCT PORTFOLIO	137
14.11.3	RECENT DEVELOPMENT	137
14.12	NOVA LTD.	138
14.12.1	COMPANY SNAPSHOT	138
14.12.2	REVENUE ANALYSIS	138
14.12.3	PRODUCT PORTFOLIO	139
14.12.4	RECENT DEVELOPMENT	139
14.13	SPECTRIS (MALVERN PANALYTICAL LTD)	140
14.13.1	COMPANY SNAPSHOT	140
14.13.2	REVENUE ANALYSIS	140
14.13.3	PRODUCT PORTFOLIO	141
14.13.4	RECENT DEVELOPMENT	141
14.14	ULVAC-PHI, INCORPORATED	142
14.14.1	COMPANY SNAPSHOT	142
14.14.2	PRODUCT PORTFOLIO	142
14.14.3	RECENT DEVELOPMENT	143
15	QUESTIONNAIRE	144
16	RELATED REPORTS	147

Middle East and Africa X-Ray Photoelectron Spectroscopy Market

Market Report | 2024-07-01 | 147 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="2025-05-11"/>
		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