

Adaptive Optics - Global Market Outlook (2017-2023)

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Abstracts

According to Statistics MRC, the Global Adaptive Optics market is expected to grow from \$220.8 million in 2016 to reach \$2,190.90 million by 2023 with a CAGR of 38.7%. Rising adoption of adaptive optics in ophthalmology and various retinal imaging, increased government funds and advancements in technology are the factors driving the market growth. However, strict regulations in product approvals and technical concerns in construction of adaptive optics are the factors restraining the market growth.

By End user, the military and defense segment holds the largest share owing to its wide applications of adaptive optics in this sector. The adaptive optics are used in this sector to develop the state-of-the art defense weapons and highly sophisticated guidance systems. They are also used as a method for improving the effectiveness of direct energy weapons. Geographically, Asia Pacific is anticipated to grow at a higher rate due to increasing defense spending from countries such as China and India. In addition, factors such as expanding astronomical practices and rising investments for research and development across various sectors, including biomedical and healthcare are driving the growth of adaptive optics in this region.

Some of the key players in the Adaptive Optics market are Thorlabs, Inc, Adaptica S.R.L., Teledyne e2v (UK) Ltd, Boston Micromachines Corporation, Iris Ao, Inc, Northrop Grumman Corporation, Hamamatsu Photonics K.K., Active Optical Systems, LLC, Imagine Optic Sa, ALPAO S.A.S, Flexible Optical B.V., Turn Ltd, Baker Adaptive Optics, Holoeye Photonics AG and CILAS.

End Users Covered:

Military & Defense

Electronics

Communication & Other Applications

Consumer

Astronomy

Industrial & Manufacturing

Manufacturing

Biomedical

Healthcare

Components Covered:

Control System

Wavefront Sensor

Wavefront Modulator

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

France

Italy

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 7 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends.

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Contents

1 EXECUTIVE SUMMARY

2 PREFACE

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
 - 2.4.1 Data Mining
 - 2.4.2 Data Analysis
 - 2.4.3 Data Validation
 - 2.4.4 Research Approach
- 2.5 Research Sources
 - 2.5.1 Primary Research Sources
 - 2.5.2 Secondary Research Sources
 - 2.5.3 Assumptions

3 MARKET TREND ANALYSIS

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 End User Analysis
- 3.7 Emerging Markets
- 3.8 Futuristic Market Scenario

4 PORTERS FIVE FORCE ANALYSIS

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

5 GLOBAL ADAPTIVE OPTICS MARKET, BY END USER

- 5.1 Introduction
- 5.2 Military & Defense
 - 5.2.1 Laser Defense System
 - 5.2.1.1 High-Energy Lasers
 - 5.2.2 Surveillance
 - 5.2.2.1 Light Detection & Ranging
 - 5.2.3 Biometric Security
 - 5.2.4 Other Military & Defense Applications
- 5.3 Electronics
- 5.4 Communication & Other Applications
 - 5.4.1 Sensing
 - 5.4.2 Free-Space Optical Communication (FSOC)
 - 5.4.3 Other Applications
- 5.5 Consumer
 - 5.5.1 Camera Lenses
 - 5.5.2 Head-Mounted Display
 - 5.5.3 Other Consumer Devices
- 5.6 Astronomy
- 5.7 Industrial & Manufacturing
 - 5.7.1 3D Printing
 - 5.7.2 Precision Manufacturing
 - 5.7.3 Machine Vision
- 5.8 Manufacturing
- 5.9 Biomedical
 - 5.9.1 Biomedical Microscopy
 - 5.9.1.1 Adaptive Scanning Optical Microscope
 - 5.9.2 Ophthalmology
 - 5.9.2.1 Retinal Imaging
 - 5.9.3 Cell Analysis
 - 5.9.4 Other Applications
 - 5.9.4.1 Atomic Force Microscope
 - 5.9.4.2 3D Bioprinting
- 5.10 Healthcare

6 GLOBAL ADAPTIVE OPTICS MARKET, BY COMPONENT

- 6.1 Introduction
- 6.2 Control System

- 6.3 Wavefront Sensor
- 6.4 Wavefront Modulator
 - 6.4.1 Deformable Mirror

7 GLOBAL ADAPTIVE OPTICS MARKET, BY GEOGRAPHY

- 7.1 Introduction
- 7.2 North America
 - 7.2.1 US
 - 7.2.2 Canada
 - 7.2.3 Mexico
- 7.3 Europe
 - 7.3.1 Germany
 - 7.3.2 UK
 - 7.3.3 Italy
 - 7.3.4 France
 - 7.3.5 Spain
 - 7.3.6 Rest of Europe
- 7.4 Asia Pacific
 - 7.4.1 Japan
 - 7.4.2 China
 - 7.4.3 India
 - 7.4.4 Australia
 - 7.4.5 New Zealand
 - 7.4.6 South Korea
 - 7.4.7 Rest of Asia Pacific
- 7.5 South America
 - 7.5.1 Argentina
 - 7.5.2 Brazil
 - 7.5.3 Chile
 - 7.5.4 Rest of South America
- 7.6 Middle East & Africa
 - 7.6.1 Saudi Arabia
 - 7.6.2 UAE
 - 7.6.3 Qatar
 - 7.6.4 South Africa
 - 7.6.5 Rest of Middle East & Africa

8 KEY DEVELOPMENTS

- 8.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 8.2 Acquisitions & Mergers
- 8.3 New Product Launch
- 8.4 Expansions
- 8.5 Other Key Strategies

9 COMPANY PROFILING

- 9.1 Thorlabs, Inc.
- 9.2 Adaptica S.R.L.
- 9.3 Teledyne e2v (UK) Ltd
- 9.4 Boston Micromachines Corporation
- 9.5 Iris Ao, Inc
- 9.6 NORTHROP GRUMMAN CORPORATION
- 9.7 Hamamatsu Photonics K.K.
- 9.8 Active Optical Systems, LLC
- 9.9 Imagine Optic Sa
- 9.10 ALPAO S.A.S.
- 9.11 Flexible Optical B.V.
- 9.12 Turn Ltd.
- 9.13 Baker Adaptive Optics
- 9.14 Holoeye Photonics AG
- 9.15 CILAS

List Of Tables

LIST OF TABLES

- Table 1 Global Adaptive Optics Market Outlook, By Region (2014-2023) (US \$MN)
- Table 2 Global Adaptive Optics Market Outlook, By End User (2014-2023) (US \$MN)
- Table 3 Global Adaptive Optics Market Outlook, By Military & Defense (2014-2023) (US \$MN)
- Table 4 Global Adaptive Optics Market Outlook, By Laser Defense System (2014-2023) (US \$MN)
- Table 5 Global Adaptive Optics Market Outlook, By Surveillance (2014-2023) (US \$MN)
- Table 6 Global Adaptive Optics Market Outlook, By Biometric Security (2014-2023) (US \$MN)
- Table 7 Global Adaptive Optics Market Outlook, By Other Military & Defense Applications (2014-2023) (US \$MN)
- Table 8 Global Adaptive Optics Market Outlook, By Electronics (2014-2023) (US \$MN)
- Table 9 Global Adaptive Optics Market Outlook, By Communication & Other Applications (2014-2023) (US \$MN)
- Table 10 Global Adaptive Optics Market Outlook, By Sensing (2014-2023) (US \$MN)
- Table 11 Global Adaptive Optics Market Outlook, By Free-Space Optical Communication (FSOC) (2014-2023) (US \$MN)
- Table 12 Global Adaptive Optics Market Outlook, By Other Applications (2014-2023) (US \$MN)
- Table 13 Global Adaptive Optics Market Outlook, By Consumer (2014-2023) (US \$MN)
- Table 14 Global Adaptive Optics Market Outlook, By Camera Lenses (2014-2023) (US \$MN)
- Table 15 Global Adaptive Optics Market Outlook, By Head-Mounted Display (2014-2023) (US \$MN)
- Table 16 Global Adaptive Optics Market Outlook, By Other Consumer Devices (2014-2023) (US \$MN)
- Table 17 Global Adaptive Optics Market Outlook, By Astronomy (2014-2023) (US \$MN)
- Table 18 Global Adaptive Optics Market Outlook, By Industrial & Manufacturing (2014-2023) (US \$MN)
- Table 19 Global Adaptive Optics Market Outlook, By 3D Printing (2014-2023) (US \$MN)
- Table 20 Global Adaptive Optics Market Outlook, By Precision Manufacturing (2014-2023) (US \$MN)
- Table 21 Global Adaptive Optics Market Outlook, By Machine Vision (2014-2023) (US \$MN)
- Table 22 Global Adaptive Optics Market Outlook, By Manufacturing (2014-2023) (US \$MN)

\$MN)

Table 23 Global Adaptive Optics Market Outlook, By Biomedical (2014-2023) (US \$MN)

Table 24 Global Adaptive Optics Market Outlook, By Biomedical Microscopy (2014-2023) (US \$MN)

Table 25 Global Adaptive Optics Market Outlook, By Ophthalmology (2014-2023) (US \$MN)

Table 26 Global Adaptive Optics Market Outlook, By Cell Analysis (2014-2023) (US \$MN)

Table 27 Global Adaptive Optics Market Outlook, By Other Applications (2014-2023) (US \$MN)

Table 28 Global Adaptive Optics Market Outlook, By Healthcare (2014-2023) (US \$MN)

Table 29 Global Adaptive Optics Market Outlook, By Component (2014-2023) (US \$MN)

Table 30 Global Adaptive Optics Market Outlook, By Control System (2014-2023) (US \$MN)

Table 31 Global Adaptive Optics Market Outlook, By Wavefront Sensor (2014-2023) (US \$MN)

Table 32 Global Adaptive Optics Market Outlook, By Wavefront Modulator (2014-2023) (US \$MN)

Table 33 Global Adaptive Optics Market Outlook, By Deformable Mirror (2014-2023) (US \$MN)

Table 34 North America Adaptive Optics Market Outlook, By Country (2014-2023) (US \$MN)

Table 35 North America Adaptive Optics Market Outlook, By End User (2014-2023) (US \$MN)

Table 36 North America Adaptive Optics Market Outlook, By Military & Defense (2014-2023) (US \$MN)

Table 37 North America Adaptive Optics Market Outlook, By Laser Defense System (2014-2023) (US \$MN)

Table 38 North America Adaptive Optics Market Outlook, By Surveillance (2014-2023) (US \$MN)

Table 39 North America Adaptive Optics Market Outlook, By Biometric Security (2014-2023) (US \$MN)

Table 40 North America Adaptive Optics Market Outlook, By Other Military & Defense Applications (2014-2023) (US \$MN)

Table 41 North America Adaptive Optics Market Outlook, By Electronics (2014-2023) (US \$MN)

Table 42 North America Adaptive Optics Market Outlook, By Communication & Other Applications (2014-2023) (US \$MN)

Table 43 North America Adaptive Optics Market Outlook, By Sensing (2014-2023) (US \$MN)

Table 44 North America Adaptive Optics Market Outlook, By Free-Space Optical Communication (FSOC) (2014-2023) (US \$MN)

Table 45 North America Adaptive Optics Market Outlook, By Other Applications (2014-2023) (US \$MN)

Table 46 North America Adaptive Optics Market Outlook, By Consumer (2014-2023) (US \$MN)

Table 47 North America Adaptive Optics Market Outlook, By Camera Lenses (2014-2023) (US \$MN)

Table 48 North America Adaptive Optics Market Outlook, By Head-Mounted Display (2014-2023) (US \$MN)

Table 49 North America Adaptive Optics Market Outlook, By Other Consumer Devices (2014-2023) (US \$MN)

Table 50 North America Adaptive Optics Market Outlook, By Astronomy (2014-2023) (US \$MN)

Table 51 North America Adaptive Optics Market Outlook, By Industrial & Manufacturing (2014-2023) (US \$MN)

Table 52 North America Adaptive Optics Market Outlook, By 3D Printing (2014-2023) (US \$MN)

Table 53 North America Adaptive Optics Market Outlook, By Precision Manufacturing (2014-2023) (US \$MN)

Table 54 North America Adaptive Optics Market Outlook, By Machine Vision (2014-2023) (US \$MN)

Table 55 North America Adaptive Optics Market Outlook, By Manufacturing (2014-2023) (US \$MN)

Table 56 North America Adaptive Optics Market Outlook, By Biomedical (2014-2023) (US \$MN)

Table 57 North America Adaptive Optics Market Outlook, By Biomedical Microscopy (2014-2023) (US \$MN)

Table 58 North America Adaptive Optics Market Outlook, By Ophthalmology (2014-2023) (US \$MN)

Table 59 North America Adaptive Optics Market Outlook, By Cell Analysis (2014-2023) (US \$MN)

Table 60 North America Adaptive Optics Market Outlook, By Other Applications (2014-2023) (US \$MN)

Table 61 North America Adaptive Optics Market Outlook, By Healthcare (2014-2023) (US \$MN)

Table 62 North America Adaptive Optics Market Outlook, By Component (2014-2023)

(US \$MN)

Table 63 North America Adaptive Optics Market Outlook, By Control System (2014-2023) (US \$MN)

Table 64 North America Adaptive Optics Market Outlook, By Wavefront Sensor (2014-2023) (US \$MN)

Table 65 North America Adaptive Optics Market Outlook, By Wavefront Modulator (2014-2023) (US \$MN)

Table 66 North America Adaptive Optics Market Outlook, By Deformable Mirror (2014-2023) (US \$MN)

Table 67 Europe Adaptive Optics Market Outlook, By Country (2014-2023) (US \$MN)

Table 68 Europe Adaptive Optics Market Outlook, By End User (2014-2023) (US \$MN)

Table 69 Europe Adaptive Optics Market Outlook, By Military & Defense (2014-2023) (US \$MN)

Table 70 Europe Adaptive Optics Market Outlook, By Laser Defense System (2014-2023) (US \$MN)

Table 71 Europe Adaptive Optics Market Outlook, By Surveillance (2014-2023) (US \$MN)

Table 72 Europe Adaptive Optics Market Outlook, By Biometric Security (2014-2023) (US \$MN)

Table 73 Europe Adaptive Optics Market Outlook, By Other Military & Defense Applications (2014-2023) (US \$MN)

Table 74 Europe Adaptive Optics Market Outlook, By Electronics (2014-2023) (US \$MN)

Table 75 Europe Adaptive Optics Market Outlook, By Communication & Other Applications (2014-2023) (US \$MN)

Table 76 Europe Adaptive Optics Market Outlook, By Sensing (2014-2023) (US \$MN)

Table 77 Europe Adaptive Optics Market Outlook, By Free-Space Optical Communication (FSOC) (2014-2023) (US \$MN)

Table 78 Europe Adaptive Optics Market Outlook, By Other Applications (2014-2023) (US \$MN)

Table 79 Europe Adaptive Optics Market Outlook, By Consumer (2014-2023) (US \$MN)

Table 80 Europe Adaptive Optics Market Outlook, By Camera Lenses (2014-2023) (US \$MN)

Table 81 Europe Adaptive Optics Market Outlook, By Head-Mounted Display (2014-2023) (US \$MN)

Table 82 Europe Adaptive Optics Market Outlook, By Other Consumer Devices (2014-2023) (US \$MN)

Table 83 Europe Adaptive Optics Market Outlook, By Astronomy (2014-2023) (US \$MN)

Table 84 Europe Adaptive Optics Market Outlook, By Industrial & Manufacturing

(2014-2023) (US \$MN)

Table 85 Europe Adaptive Optics Market Outlook, By 3D Printing (2014-2023) (US \$MN)

Table 86 Europe Adaptive Optics Market Outlook, By Precision Manufacturing (2014-2023) (US \$MN)

Table 87 Europe Adaptive Optics Market Outlook, By Machine Vision (2014-2023) (US \$MN)

Table 88 Europe Adaptive Optics Market Outlook, By Manufacturing (2014-2023) (US \$MN)

Table 89 Europe Adaptive Optics Market Outlook, By Biomedical (2014-2023) (US \$MN)

Table 90 Europe Adaptive Optics Market Outlook, By Biomedical Microscopy (2014-2023) (US \$MN)

Table 91 Europe Adaptive Optics Market Outlook, By Ophthalmology (2014-2023) (US \$MN)

Table 92 Europe Adaptive Optics Market Outlook, By Cell Analysis (2014-2023) (US \$MN)

Table 93 Europe Adaptive Optics Market Outlook, By Other Applications (2014-2023) (US \$MN)

Table 94 Europe Adaptive Optics Market Outlook, By Healthcare (2014-2023) (US \$MN)

Table 95 Europe Adaptive Optics Market Outlook, By Component (2014-2023) (US \$MN)

Table 96 Europe Adaptive Optics Market Outlook, By Control System (2014-2023) (US \$MN)

Table 97 Europe Adaptive Optics Market Outlook, By Wavefront Sensor (2014-2023) (US \$MN)

Table 98 Europe Adaptive Optics Market Outlook, By Wavefront Modulator (2014-2023) (US \$MN)

Table 99 Europe Adaptive Optics Market Outlook, By Deformable Mirror (2014-2023) (US \$MN)

Table 100 Asia Pacific Adaptive Optics Market Outlook, By Country (2014-2023) (US \$MN)

Table 101 Asia Pacific Adaptive Optics Market Outlook, By End User (2014-2023) (US \$MN)

Table 102 Asia Pacific Adaptive Optics Market Outlook, By Military & Defense (2014-2023) (US \$MN)

Table 103 Asia Pacific Adaptive Optics Market Outlook, By Laser Defense System (2014-2023) (US \$MN)

Table 104 Asia Pacific Adaptive Optics Market Outlook, By Surveillance (2014-2023) (US \$MN)

Table 105 Asia Pacific Adaptive Optics Market Outlook, By Biometric Security (2014-2023) (US \$MN)

Table 106 Asia Pacific Adaptive Optics Market Outlook, By Other Military & Defense Applications (2014-2023) (US \$MN)

Table 107 Asia Pacific Adaptive Optics Market Outlook, By Electronics (2014-2023) (US \$MN)

Table 108 Asia Pacific Adaptive Optics Market Outlook, By Communication & Other Applications (2014-2023) (US \$MN)

Table 109 Asia Pacific Adaptive Optics Market Outlook, By Sensing (2014-2023) (US \$MN)

Table 110 Asia Pacific Adaptive Optics Market Outlook, By Free-Space Optical Communication (FSOC) (2014-2023) (US \$MN)

Table 111 Asia Pacific Adaptive Optics Market Outlook, By Other Applications (2014-2023) (US \$MN)

Table 112 Asia Pacific Adaptive Optics Market Outlook, By Consumer (2014-2023) (US \$MN)

Table 113 Asia Pacific Adaptive Optics Market Outlook, By Camera Lenses (2014-2023) (US \$MN)

Table 114 Asia Pacific Adaptive Optics Market Outlook, By Head-Mounted Display (2014-2023) (US \$MN)

Table 115 Asia Pacific Adaptive Optics Market Outlook, By Other Consumer Devices (2014-2023) (US \$MN)

Table 116 Asia Pacific Adaptive Optics Market Outlook, By Astronomy (2014-2023) (US \$MN)

Table 117 Asia Pacific Adaptive Optics Market Outlook, By Industrial & Manufacturing (2014-2023) (US \$MN)

Table 118 Asia Pacific Adaptive Optics Market Outlook, By 3D Printing (2014-2023) (US \$MN)

Table 119 Asia Pacific Adaptive Optics Market Outlook, By Precision Manufacturing (2014-2023) (US \$MN)

Table 120 Asia Pacific Adaptive Optics Market Outlook, By Machine Vision (2014-2023) (US \$MN)

Table 121 Asia Pacific Adaptive Optics Market Outlook, By Manufacturing (2014-2023) (US \$MN)

Table 122 Asia Pacific Adaptive Optics Market Outlook, By Biomedical (2014-2023) (US \$MN)

Table 123 Asia Pacific Adaptive Optics Market Outlook, By Biomedical Microscopy

(2014-2023) (US \$MN)

Table 124 Asia Pacific Adaptive Optics Market Outlook, By Ophthalmology (2014-2023) (US \$MN)

Table 125 Asia Pacific Adaptive Optics Market Outlook, By Cell Analysis (2014-2023) (US \$MN)

Table 126 Asia Pacific Adaptive Optics Market Outlook, By Other Applications (2014-2023) (US \$MN)

Table 127 Asia Pacific Adaptive Optics Market Outlook, By Healthcare (2014-2023) (US \$MN)

Table 128 Asia Pacific Adaptive Optics Market Outlook, By Component (2014-2023) (US \$MN)

Table 129 Asia Pacific Adaptive Optics Market Outlook, By Control System (2014-2023) (US \$MN)

Table 130 Asia Pacific Adaptive Optics Market Outlook, By Wavefront Sensor (2014-2023) (US \$MN)

Table 131 Asia Pacific Adaptive Optics Market Outlook, By Wavefront Modulator (2014-2023) (US \$MN)

Table 132 Asia Pacific Adaptive Optics Market Outlook, By Deformable Mirror (2014-2023) (US \$MN)

Table 133 South America Adaptive Optics Market Outlook, By Country (2014-2023) (US \$MN)

Table 134 South America Adaptive Optics Market Outlook, By End User (2014-2023) (US \$MN)

Table 135 South America Adaptive Optics Market Outlook, By Military & Defense (2014-2023) (US \$MN)

Table 136 South America Adaptive Optics Market Outlook, By Laser Defense System (2014-2023) (US \$MN)

Table 137 South America Adaptive Optics Market Outlook, By Surveillance (2014-2023) (US \$MN)

Table 138 South America Adaptive Optics Market Outlook, By Biometric Security (2014-2023) (US \$MN)

Table 139 South America Adaptive Optics Market Outlook, By Other Military & Defense Applications (2014-2023) (US \$MN)

Table 140 South America Adaptive Optics Market Outlook, By Electronics (2014-2023) (US \$MN)

Table 141 South America Adaptive Optics Market Outlook, By Communication & Other Applications (2014-2023) (US \$MN)

Table 142 South America Adaptive Optics Market Outlook, By Sensing (2014-2023) (US \$MN)

Table 143 South America Adaptive Optics Market Outlook, By Free-Space Optical Communication (FSOC) (2014-2023) (US \$MN)

Table 144 South America Adaptive Optics Market Outlook, By Other Applications (2014-2023) (US \$MN)

Table 145 South America Adaptive Optics Market Outlook, By Consumer (2014-2023) (US \$MN)

Table 146 South America Adaptive Optics Market Outlook, By Camera Lenses (2014-2023) (US \$MN)

Table 147 South America Adaptive Optics Market Outlook, By Head-Mounted Display (2014-2023) (US \$MN)

Table 148 South America Adaptive Optics Market Outlook, By Other Consumer Devices (2014-2023) (US \$MN)

Table 149 South America Adaptive Optics Market Outlook, By Astronomy (2014-2023) (US \$MN)

Table 150 South America Adaptive Optics Market Outlook, By Industrial & Manufacturing (2014-2023) (US \$MN)

Table 151 South America Adaptive Optics Market Outlook, By 3D Printing (2014-2023) (US \$MN)

Table 152 South America Adaptive Optics Market Outlook, By Precision Manufacturing (2014-2023) (US \$MN)

Table 153 South America Adaptive Optics Market Outlook, By Machine Vision (2014-2023) (US \$MN)

Table 154 South America Adaptive Optics Market Outlook, By Manufacturing (2014-2023) (US \$MN)

Table 155 South America Adaptive Optics Market Outlook, By Biomedical (2014-2023) (US \$MN)

Table 156 South America Adaptive Optics Market Outlook, By Biomedical Microscopy (2014-2023) (US \$MN)

Table 157 South America Adaptive Optics Market Outlook, By Ophthalmology (2014-2023) (US \$MN)

Table 158 South America Adaptive Optics Market Outlook, By Cell Analysis (2014-2023) (US \$MN)

Table 159 South America Adaptive Optics Market Outlook, By Other Applications (2014-2023) (US \$MN)

Table 160 South America Adaptive Optics Market Outlook, By Healthcare (2014-2023) (US \$MN)

Table 161 South America Adaptive Optics Market Outlook, By Component (2014-2023) (US \$MN)

Table 162 South America Adaptive Optics Market Outlook, By Control System

(2014-2023) (US \$MN)

Table 163 South America Adaptive Optics Market Outlook, By Wavefront Sensor

(2014-2023) (US \$MN)

Table 164 South America Adaptive Optics Market Outlook, By Wavefront Modulator

(2014-2023) (US \$MN)

Table 165 South America Adaptive Optics Market Outlook, By Deformable Mirror

(2014-2023) (US \$MN)

Table 166 Middle East & Africa Adaptive Optics Market Outlook, By Country

(2014-2023) (US \$MN)

Table 167 Middle East & Africa Adaptive Optics Market Outlook, By End User

(2014-2023) (US \$MN)

Table 168 Middle East & Africa Adaptive Optics Market Outlook, By Military & Defense

(2014-2023) (US \$MN)

Table 169 Middle East & Africa Adaptive Optics Market Outlook, By Laser Defense System (2014-2023) (US \$MN)

Table 170 Middle East & Africa Adaptive Optics Market Outlook, By Surveillance

(2014-2023) (US \$MN)

Table 171 Middle East & Africa Adaptive Optics Market Outlook, By Biometric Security

(2014-2023) (US \$MN)

Table 172 Middle East & Africa Adaptive Optics Market Outlook, By Other Military & Defense Applications (2014-2023) (US \$MN)

Table 173 Middle East & Africa Adaptive Optics Market Outlook, By Electronics

(2014-2023) (US \$MN)

Table 174 Middle East & Africa Adaptive Optics Market Outlook, By Communication & Other Applications (2014-2023) (US \$MN)

Table 175 Middle East & Africa Adaptive Optics Market Outlook, By Sensing

(2014-2023) (US \$MN)

Table 176 Middle East & Africa Adaptive Optics Market Outlook, By Free-Space Optical Communication (FSOC) (2014-2023) (US \$MN)

Table 177 Middle East & Africa Adaptive Optics Market Outlook, By Other Applications

(2014-2023) (US \$MN)

Table 178 Middle East & Africa Adaptive Optics Market Outlook, By Consumer

(2014-2023) (US \$MN)

Table 179 Middle East & Africa Adaptive Optics Market Outlook, By Camera Lenses (2014-2023) (US \$MN)

Table 180 Middle East & Africa Adaptive Optics Market Outlook, By Head-Mounted Display (2014-2023) (US \$MN)

Table 181 Middle East & Africa Adaptive Optics Market Outlook, By Other Consumer Devices (2014-2023) (US \$MN)

Table 182 Middle East & Africa Adaptive Optics Market Outlook, By Astronomy (2014-2023) (US \$MN)

Table 183 Middle East & Africa Adaptive Optics Market Outlook, By Industrial & Manufacturing (2014-2023) (US \$MN)

Table 184 Middle East & Africa Adaptive Optics Market Outlook, By 3D Printing (2014-2023) (US \$MN)

Table 185 Middle East & Africa Adaptive Optics Market Outlook, By Precision Manufacturing (2014-2023) (US \$MN)

Table 186 Middle East & Africa Adaptive Optics Market Outlook, By Machine Vision (2014-2023) (US \$MN)

Table 187 Middle East & Africa Adaptive Optics Market Outlook, By Manufacturing (2014-2023) (US \$MN)

Table 188 Middle East & Africa Adaptive Optics Market Outlook, By Biomedical (2014-2023) (US \$MN)

Table 189 Middle East & Africa Adaptive Optics Market Outlook, By Biomedical Microscopy (2014-2023) (US \$MN)

Table 190 Middle East & Africa Adaptive Optics Market Outlook, By Ophthalmology (2014-2023) (US \$MN)

Table 191 Middle East & Africa Adaptive Optics Market Outlook, By Cell Analysis (2014-2023) (US \$MN)

Table 192 Middle East & Africa Adaptive Optics Market Outlook, By Other Applications (2014-2023) (US \$MN)

Table 193 Middle East & Africa Adaptive Optics Market Outlook, By Healthcare (2014-2023) (US \$MN)

Table 194 Middle East & Africa Adaptive Optics Market Outlook, By Component (2014-2023) (US \$MN)

Table 195 Middle East & Africa Adaptive Optics Market Outlook, By Control System (2014-2023) (US \$MN)

Table 196 Middle East & Africa Adaptive Optics Market Outlook, By Wavefront Sensor (2014-2023) (US \$MN)

Table 197 Middle East & Africa Adaptive Optics Market Outlook, By Wavefront Modulator (2014-2023) (US \$MN)

Table 198 Middle East & Africa Adaptive Optics Market Outlook, By Deformable Mirror (2014-2023) (US \$MN)

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