

Global Diffraction Gratings Market Growth 2025-2031

<https://marketpublishers.com/r/GD4AF8431A7EN.html>

Date: December 2024

Pages: 139

Price: US\$ 3,660.00 (Single User License)

ID: GD4AF8431A7EN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

The global Diffraction Gratings market size is predicted to grow from US\$ 240 million in 2025 to US\$ 335 million in 2031; it is expected to grow at a CAGR of 5.7% from 2025 to 2031.

A diffraction grating is an optical element that diffracts energy into its constituent wavelengths. The groove density, depth and profile of a diffraction grating dictate the spectral range, efficiency, resolution and performance of the diffraction grating. A diffraction grating is a periodically structure of subsequent most evenly spaced grating lines. Those grooves or opaque lines diffract the incident light depending on its periodicity and microstructure. Depending on the light's incidence angle, rainbow-colored patterns are discernible on a projection surface behind a transmission or reflection grating (except for gratings of the zero order). The colored patterns are known as optical spectrum. It is used as the key component in optical spectroscopy, telecommunication multiplexing or laser systems. Fiber Bragg Grating is not included in this report.

Global Diffraction Gratings key players include HORIBA, Newport Corporation, Edmund Optics, Shimadzu Corporation, Lightsmyth (Finisar), etc. Global top five manufacturers hold a share about 50%. North America is the largest market, with a share about 35%, followed by Japan, with a share about 20 percent. In terms of product, Holographic Gratings is the largest segment, with a share about 50%. And in terms of application, the largest application is Monochromator and Spectrometer, followed by Laser, Optical Telecom, Astronomy, etc.

LP Information, Inc. (LPI) ' newest research report, the "Diffraction Gratings Industry Forecast" looks at past sales and reviews total world Diffraction Gratings sales in 2024, providing a comprehensive analysis by region and market sector of projected Diffraction

Gratings sales for 2025 through 2031. With Diffraction Gratings sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Diffraction Gratings industry.

This Insight Report provides a comprehensive analysis of the global Diffraction Gratings landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Diffraction Gratings portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Diffraction Gratings market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Diffraction Gratings and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Diffraction Gratings.

This report presents a comprehensive overview, market shares, and growth opportunities of Diffraction Gratings market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Ruled Gratings

Holographic Gratings

Segmentation by Application:

Monochromator and Spectrometer

Laser

Optical Telecom

Astronomy

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

HORIBA

MKS Instruments(Newport Corporation)

Edmund Optics

Shimadzu Corporation

Kaiser Optical Systems

Lightsmyth (Finisar)

Plymouth Grating Lab

Zeiss

Optometrics (Dynasil)

Headwall Photonics

Spectrogon AB

Jenoptik

Spectrum Scientific

Photop Technologies

Wasatch Photonics

GratingWorks

Shenyang Yibeite Optics

Key Questions Addressed in this Report

What is the 10-year outlook for the global Diffraction Gratings market?

What factors are driving Diffraction Gratings market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Diffraction Gratings market opportunities vary by end market size?

How does Diffraction Gratings break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Diffraction Gratings Annual Sales 2020-2031
 - 2.1.2 World Current & Future Analysis for Diffraction Gratings by Geographic Region, 2020, 2024 & 2031
 - 2.1.3 World Current & Future Analysis for Diffraction Gratings by Country/Region, 2020, 2024 & 2031
- 2.2 Diffraction Gratings Segment by Type
 - 2.2.1 Ruled Gratings
 - 2.2.2 Holographic Gratings
- 2.3 Diffraction Gratings Sales by Type
 - 2.3.1 Global Diffraction Gratings Sales Market Share by Type (2020-2025)
 - 2.3.2 Global Diffraction Gratings Revenue and Market Share by Type (2020-2025)
 - 2.3.3 Global Diffraction Gratings Sale Price by Type (2020-2025)
- 2.4 Diffraction Gratings Segment by Application
 - 2.4.1 Monochromator and Spectrometer
 - 2.4.2 Laser
 - 2.4.3 Optical Telecom
 - 2.4.4 Astronomy
 - 2.4.5 Others
- 2.5 Diffraction Gratings Sales by Application
 - 2.5.1 Global Diffraction Gratings Sale Market Share by Application (2020-2025)
 - 2.5.2 Global Diffraction Gratings Revenue and Market Share by Application (2020-2025)
 - 2.5.3 Global Diffraction Gratings Sale Price by Application (2020-2025)

3 GLOBAL BY COMPANY

3.1 Global Diffraction Gratings Breakdown Data by Company

3.1.1 Global Diffraction Gratings Annual Sales by Company (2020-2025)

3.1.2 Global Diffraction Gratings Sales Market Share by Company (2020-2025)

3.2 Global Diffraction Gratings Annual Revenue by Company (2020-2025)

3.2.1 Global Diffraction Gratings Revenue by Company (2020-2025)

3.2.2 Global Diffraction Gratings Revenue Market Share by Company (2020-2025)

3.3 Global Diffraction Gratings Sale Price by Company

3.4 Key Manufacturers Diffraction Gratings Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Diffraction Gratings Product Location Distribution

3.4.2 Players Diffraction Gratings Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR DIFFRACTION GRATINGS BY GEOGRAPHIC REGION

4.1 World Historic Diffraction Gratings Market Size by Geographic Region (2020-2025)

4.1.1 Global Diffraction Gratings Annual Sales by Geographic Region (2020-2025)

4.1.2 Global Diffraction Gratings Annual Revenue by Geographic Region (2020-2025)

4.2 World Historic Diffraction Gratings Market Size by Country/Region (2020-2025)

4.2.1 Global Diffraction Gratings Annual Sales by Country/Region (2020-2025)

4.2.2 Global Diffraction Gratings Annual Revenue by Country/Region (2020-2025)

4.3 Americas Diffraction Gratings Sales Growth

4.4 APAC Diffraction Gratings Sales Growth

4.5 Europe Diffraction Gratings Sales Growth

4.6 Middle East & Africa Diffraction Gratings Sales Growth

5 AMERICAS

5.1 Americas Diffraction Gratings Sales by Country

5.1.1 Americas Diffraction Gratings Sales by Country (2020-2025)

5.1.2 Americas Diffraction Gratings Revenue by Country (2020-2025)

- 5.2 Americas Diffraction Gratings Sales by Type (2020-2025)
- 5.3 Americas Diffraction Gratings Sales by Application (2020-2025)
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

- 6.1 APAC Diffraction Gratings Sales by Region
 - 6.1.1 APAC Diffraction Gratings Sales by Region (2020-2025)
 - 6.1.2 APAC Diffraction Gratings Revenue by Region (2020-2025)
- 6.2 APAC Diffraction Gratings Sales by Type (2020-2025)
- 6.3 APAC Diffraction Gratings Sales by Application (2020-2025)
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

7 EUROPE

- 7.1 Europe Diffraction Gratings by Country
 - 7.1.1 Europe Diffraction Gratings Sales by Country (2020-2025)
 - 7.1.2 Europe Diffraction Gratings Revenue by Country (2020-2025)
- 7.2 Europe Diffraction Gratings Sales by Type (2020-2025)
- 7.3 Europe Diffraction Gratings Sales by Application (2020-2025)
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa Diffraction Gratings by Country
 - 8.1.1 Middle East & Africa Diffraction Gratings Sales by Country (2020-2025)

- 8.1.2 Middle East & Africa Diffraction Gratings Revenue by Country (2020-2025)
- 8.2 Middle East & Africa Diffraction Gratings Sales by Type (2020-2025)
- 8.3 Middle East & Africa Diffraction Gratings Sales by Application (2020-2025)
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Diffraction Gratings
- 10.3 Manufacturing Process Analysis of Diffraction Gratings
- 10.4 Industry Chain Structure of Diffraction Gratings

11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
 - 11.1.1 Direct Channels
 - 11.1.2 Indirect Channels
- 11.2 Diffraction Gratings Distributors
- 11.3 Diffraction Gratings Customer

12 WORLD FORECAST REVIEW FOR DIFFRACTION GRATINGS BY GEOGRAPHIC REGION

- 12.1 Global Diffraction Gratings Market Size Forecast by Region
 - 12.1.1 Global Diffraction Gratings Forecast by Region (2026-2031)
 - 12.1.2 Global Diffraction Gratings Annual Revenue Forecast by Region (2026-2031)
- 12.2 Americas Forecast by Country (2026-2031)
- 12.3 APAC Forecast by Region (2026-2031)
- 12.4 Europe Forecast by Country (2026-2031)

12.5 Middle East & Africa Forecast by Country (2026-2031)

12.6 Global Diffraction Gratings Forecast by Type (2026-2031)

12.7 Global Diffraction Gratings Forecast by Application (2026-2031)

13 KEY PLAYERS ANALYSIS

13.1 HORIBA

13.1.1 HORIBA Company Information

13.1.2 HORIBA Diffraction Gratings Product Portfolios and Specifications

13.1.3 HORIBA Diffraction Gratings Sales, Revenue, Price and Gross Margin
(2020-2025)

13.1.4 HORIBA Main Business Overview

13.1.5 HORIBA Latest Developments

13.2 MKS Instruments(Newport Corporation)

13.2.1 MKS Instruments(Newport Corporation) Company Information

13.2.2 MKS Instruments(Newport Corporation) Diffraction Gratings Product Portfolios
and Specifications

13.2.3 MKS Instruments(Newport Corporation) Diffraction Gratings Sales, Revenue,
Price and Gross Margin (2020-2025)

13.2.4 MKS Instruments(Newport Corporation) Main Business Overview

13.2.5 MKS Instruments(Newport Corporation) Latest Developments

13.3 Edmund Optics

13.3.1 Edmund Optics Company Information

13.3.2 Edmund Optics Diffraction Gratings Product Portfolios and Specifications

13.3.3 Edmund Optics Diffraction Gratings Sales, Revenue, Price and Gross Margin
(2020-2025)

13.3.4 Edmund Optics Main Business Overview

13.3.5 Edmund Optics Latest Developments

13.4 Shimadzu Corporation

13.4.1 Shimadzu Corporation Company Information

13.4.2 Shimadzu Corporation Diffraction Gratings Product Portfolios and Specifications

13.4.3 Shimadzu Corporation Diffraction Gratings Sales, Revenue, Price and Gross
Margin (2020-2025)

13.4.4 Shimadzu Corporation Main Business Overview

13.4.5 Shimadzu Corporation Latest Developments

13.5 Kaiser Optical Systems

13.5.1 Kaiser Optical Systems Company Information

13.5.2 Kaiser Optical Systems Diffraction Gratings Product Portfolios and
Specifications

13.5.3 Kaiser Optical Systems Diffraction Gratings Sales, Revenue, Price and Gross Margin (2020-2025)

13.5.4 Kaiser Optical Systems Main Business Overview

13.5.5 Kaiser Optical Systems Latest Developments

13.6 Lightsmyth (Finisar)

13.6.1 Lightsmyth (Finisar) Company Information

13.6.2 Lightsmyth (Finisar) Diffraction Gratings Product Portfolios and Specifications

13.6.3 Lightsmyth (Finisar) Diffraction Gratings Sales, Revenue, Price and Gross Margin (2020-2025)

13.6.4 Lightsmyth (Finisar) Main Business Overview

13.6.5 Lightsmyth (Finisar) Latest Developments

13.7 Plymouth Grating Lab

13.7.1 Plymouth Grating Lab Company Information

13.7.2 Plymouth Grating Lab Diffraction Gratings Product Portfolios and Specifications

13.7.3 Plymouth Grating Lab Diffraction Gratings Sales, Revenue, Price and Gross Margin (2020-2025)

13.7.4 Plymouth Grating Lab Main Business Overview

13.7.5 Plymouth Grating Lab Latest Developments

13.8 Zeiss

13.8.1 Zeiss Company Information

13.8.2 Zeiss Diffraction Gratings Product Portfolios and Specifications

13.8.3 Zeiss Diffraction Gratings Sales, Revenue, Price and Gross Margin (2020-2025)

13.8.4 Zeiss Main Business Overview

13.8.5 Zeiss Latest Developments

13.9 Optometrics (Dynasil)

13.9.1 Optometrics (Dynasil) Company Information

13.9.2 Optometrics (Dynasil) Diffraction Gratings Product Portfolios and Specifications

13.9.3 Optometrics (Dynasil) Diffraction Gratings Sales, Revenue, Price and Gross Margin (2020-2025)

13.9.4 Optometrics (Dynasil) Main Business Overview

13.9.5 Optometrics (Dynasil) Latest Developments

13.10 Headwall Photonics

13.10.1 Headwall Photonics Company Information

13.10.2 Headwall Photonics Diffraction Gratings Product Portfolios and Specifications

13.10.3 Headwall Photonics Diffraction Gratings Sales, Revenue, Price and Gross Margin (2020-2025)

13.10.4 Headwall Photonics Main Business Overview

13.10.5 Headwall Photonics Latest Developments

13.11 Spectrogon AB

- 13.11.1 Spectrogon AB Company Information
- 13.11.2 Spectrogon AB Diffraction Gratings Product Portfolios and Specifications
- 13.11.3 Spectrogon AB Diffraction Gratings Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.11.4 Spectrogon AB Main Business Overview
- 13.11.5 Spectrogon AB Latest Developments
- 13.12 Jenoptik
 - 13.12.1 Jenoptik Company Information
 - 13.12.2 Jenoptik Diffraction Gratings Product Portfolios and Specifications
 - 13.12.3 Jenoptik Diffraction Gratings Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.12.4 Jenoptik Main Business Overview
 - 13.12.5 Jenoptik Latest Developments
- 13.13 Spectrum Scientific
 - 13.13.1 Spectrum Scientific Company Information
 - 13.13.2 Spectrum Scientific Diffraction Gratings Product Portfolios and Specifications
 - 13.13.3 Spectrum Scientific Diffraction Gratings Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.13.4 Spectrum Scientific Main Business Overview
 - 13.13.5 Spectrum Scientific Latest Developments
- 13.14 Photop Technologies
 - 13.14.1 Photop Technologies Company Information
 - 13.14.2 Photop Technologies Diffraction Gratings Product Portfolios and Specifications
 - 13.14.3 Photop Technologies Diffraction Gratings Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.14.4 Photop Technologies Main Business Overview
 - 13.14.5 Photop Technologies Latest Developments
- 13.15 Wasatch Photonics
 - 13.15.1 Wasatch Photonics Company Information
 - 13.15.2 Wasatch Photonics Diffraction Gratings Product Portfolios and Specifications
 - 13.15.3 Wasatch Photonics Diffraction Gratings Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.15.4 Wasatch Photonics Main Business Overview
 - 13.15.5 Wasatch Photonics Latest Developments
- 13.16 GratingWorks
 - 13.16.1 GratingWorks Company Information
 - 13.16.2 GratingWorks Diffraction Gratings Product Portfolios and Specifications
 - 13.16.3 GratingWorks Diffraction Gratings Sales, Revenue, Price and Gross Margin (2020-2025)

- 13.16.4 GratingWorks Main Business Overview
- 13.16.5 GratingWorks Latest Developments
- 13.17 Shenyang Yibeite Optics
 - 13.17.1 Shenyang Yibeite Optics Company Information
 - 13.17.2 Shenyang Yibeite Optics Diffraction Gratings Product Portfolios and Specifications
 - 13.17.3 Shenyang Yibeite Optics Diffraction Gratings Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.17.4 Shenyang Yibeite Optics Main Business Overview
 - 13.17.5 Shenyang Yibeite Optics Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

LIST OF TABLES

- Table 1. Diffraction Gratings Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Table 2. Diffraction Gratings Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)
- Table 3. Major Players of Ruled Gratings
- Table 4. Major Players of Holographic Gratings
- Table 5. Global Diffraction Gratings Sales byType (2020-2025) & (K Units)
- Table 6. Global Diffraction Gratings Sales Market Share byType (2020-2025)
- Table 7. Global Diffraction Gratings Revenue byType (2020-2025) & (\$ million)
- Table 8. Global Diffraction Gratings Revenue Market Share byType (2020-2025)
- Table 9. Global Diffraction Gratings Sale Price byType (2020-2025) & (USD/Unit)
- Table 10. Global Diffraction Gratings Sale by Application (2020-2025) & (K Units)
- Table 11. Global Diffraction Gratings Sale Market Share by Application (2020-2025)
- Table 12. Global Diffraction Gratings Revenue by Application (2020-2025) & (\$ million)
- Table 13. Global Diffraction Gratings Revenue Market Share by Application (2020-2025)
- Table 14. Global Diffraction Gratings Sale Price by Application (2020-2025) & (USD/Unit)
- Table 15. Global Diffraction Gratings Sales by Company (2020-2025) & (K Units)
- Table 16. Global Diffraction Gratings Sales Market Share by Company (2020-2025)
- Table 17. Global Diffraction Gratings Revenue by Company (2020-2025) & (\$ millions)
- Table 18. Global Diffraction Gratings Revenue Market Share by Company (2020-2025)
- Table 19. Global Diffraction Gratings Sale Price by Company (2020-2025) & (USD/Unit)
- Table 20. Key Manufacturers Diffraction Gratings Producing Area Distribution and Sales

Area

Table 21. Players Diffraction Gratings Products Offered

Table 22. Diffraction Gratings Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

Table 23. New Products and Potential Entrants

Table 24. Market M&A Activity & Strategy

Table 25. Global Diffraction Gratings Sales by Geographic Region (2020-2025) & (K Units)

Table 26. Global Diffraction Gratings Sales Market Share Geographic Region (2020-2025)

Table 27. Global Diffraction Gratings Revenue by Geographic Region (2020-2025) & (\$ millions)

Table 28. Global Diffraction Gratings Revenue Market Share by Geographic Region (2020-2025)

Table 29. Global Diffraction Gratings Sales by Country/Region (2020-2025) & (K Units)

Table 30. Global Diffraction Gratings Sales Market Share by Country/Region (2020-2025)

Table 31. Global Diffraction Gratings Revenue by Country/Region (2020-2025) & (\$ millions)

Table 32. Global Diffraction Gratings Revenue Market Share by Country/Region (2020-2025)

Table 33. Americas Diffraction Gratings Sales by Country (2020-2025) & (K Units)

Table 34. Americas Diffraction Gratings Sales Market Share by Country (2020-2025)

Table 35. Americas Diffraction Gratings Revenue by Country (2020-2025) & (\$ millions)

Table 36. Americas Diffraction Gratings Sales byType (2020-2025) & (K Units)

Table 37. Americas Diffraction Gratings Sales by Application (2020-2025) & (K Units)

Table 38. APAC Diffraction Gratings Sales by Region (2020-2025) & (K Units)

Table 39. APAC Diffraction Gratings Sales Market Share by Region (2020-2025)

Table 40. APAC Diffraction Gratings Revenue by Region (2020-2025) & (\$ millions)

Table 41. APAC Diffraction Gratings Sales byType (2020-2025) & (K Units)

Table 42. APAC Diffraction Gratings Sales by Application (2020-2025) & (K Units)

Table 43. Europe Diffraction Gratings Sales by Country (2020-2025) & (K Units)

Table 44. Europe Diffraction Gratings Revenue by Country (2020-2025) & (\$ millions)

Table 45. Europe Diffraction Gratings Sales byType (2020-2025) & (K Units)

Table 46. Europe Diffraction Gratings Sales by Application (2020-2025) & (K Units)

Table 47. Middle East & Africa Diffraction Gratings Sales by Country (2020-2025) & (K Units)

Table 48. Middle East & Africa Diffraction Gratings Revenue Market Share by Country (2020-2025)

Table 49. Middle East & Africa Diffraction Gratings Sales byType (2020-2025) & (K Units)

Table 50. Middle East & Africa Diffraction Gratings Sales by Application (2020-2025) & (K Units)

Table 51. Key Market Drivers & Growth Opportunities of Diffraction Gratings

Table 52. Key Market Challenges & Risks of Diffraction Gratings

Table 53. Key IndustryTrends of Diffraction Gratings

Table 54. Diffraction Gratings Raw Material

Table 55. Key Suppliers of Raw Materials

Table 56. Diffraction Gratings Distributors List

Table 57. Diffraction Gratings Customer List

Table 58. Global Diffraction Gratings SalesForecast by Region (2026-2031) & (K Units)

Table 59. Global Diffraction Gratings RevenueForecast by Region (2026-2031) & (\$ millions)

Table 60. Americas Diffraction Gratings SalesForecast by Country (2026-2031) & (K Units)

Table 61. Americas Diffraction Gratings Annual RevenueForecast by Country (2026-2031) & (\$ millions)

Table 62. APAC Diffraction Gratings SalesForecast by Region (2026-2031) & (K Units)

Table 63. APAC Diffraction Gratings Annual RevenueForecast by Region (2026-2031) & (\$ millions)

Table 64. Europe Diffraction Gratings SalesForecast by Country (2026-2031) & (K Units)

Table 65. Europe Diffraction Gratings RevenueForecast by Country (2026-2031) & (\$ millions)

Table 66. Middle East & Africa Diffraction Gratings SalesForecast by Country (2026-2031) & (K Units)

Table 67. Middle East & Africa Diffraction Gratings RevenueForecast by Country (2026-2031) & (\$ millions)

Table 68. Global Diffraction Gratings SalesForecast byType (2026-2031) & (K Units)

Table 69. Global Diffraction Gratings RevenueForecast byType (2026-2031) & (\$ millions)

Table 70. Global Diffraction Gratings SalesForecast by Application (2026-2031) & (K Units)

Table 71. Global Diffraction Gratings RevenueForecast by Application (2026-2031) & (\$ millions)

Table 72. HORIBA Basic Information, Diffraction Gratings Manufacturing Base, Sales Area and Its Competitors

Table 73. HORIBA Diffraction Gratings Product Portfolios and Specifications

Table 74. HORIBA Diffraction Gratings Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 75. HORIBA Main Business

Table 76. HORIBA Latest Developments

Table 77. MKS Instruments(Newport Corporation) Basic Information, Diffraction Gratings Manufacturing Base, Sales Area and Its Competitors

Table 78. MKS Instruments(Newport Corporation) Diffraction Gratings Product Portfolios and Specifications

Table 79. MKS Instruments(Newport Corporation) Diffraction Gratings Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 80. MKS Instruments(Newport Corporation) Main Business

Table 81. MKS Instruments(Newport Corporation) Latest Developments

Table 82. Edmund Optics Basic Information, Diffraction Gratings Manufacturing Base, Sales Area and Its Competitors

Table 83. Edmund Optics Diffraction Gratings Product Portfolios and Specifications

Table 84. Edmund Optics Diffraction Gratings Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 85. Edmund Optics Main Business

Table 86. Edmund Optics Latest Developments

Table 87. Shimadzu Corporation Basic Information, Diffraction Gratings Manufacturing Base, Sales Area and Its Competitors

Table 88. Shimadzu Corporation Diffraction Gratings Product Portfolios and Specifications

Table 89. Shimadzu Corporation Diffraction Gratings Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 90. Shimadzu Corporation Main Business

Table 91. Shimadzu Corporation Latest Developments

Table 92. Kaiser Optical Systems Basic Information, Diffraction Gratings Manufacturing Base, Sales Area and Its Competitors

Table 93. Kaiser Optical Systems Diffraction Gratings Product Portfolios and Specifications

Table 94. Kaiser Optical Systems Diffraction Gratings Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 95. Kaiser Optical Systems Main Business

Table 96. Kaiser Optical Systems Latest Developments

Table 97. Lightsmyth (Finisar) Basic Information, Diffraction Gratings Manufacturing Base, Sales Area and Its Competitors

Table 98. Lightsmyth (Finisar) Diffraction Gratings Product Portfolios and Specifications

Table 99. Lightsmyth (Finisar) Diffraction Gratings Sales (K Units), Revenue (\$ Million),

Price (USD/Unit) and Gross Margin (2020-2025)

Table 100. Lightsmyth (Finisar) Main Business

Table 101. Lightsmyth (Finisar) Latest Developments

Table 102. Plymouth Grating Lab Basic Information, Diffraction Gratings Manufacturing Base, Sales Area and Its Competitors

Table 103. Plymouth Grating Lab Diffraction Gratings Product Portfolios and Specifications

Table 104. Plymouth Grating Lab Diffraction Gratings Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 105. Plymouth Grating Lab Main Business

Table 106. Plymouth Grating Lab Latest Developments

Table 107. Zeiss Basic Information, Diffraction Gratings Manufacturing Base, Sales Area and Its Competitors

Table 108. Zeiss Diffraction Gratings Product Portfolios and Specifications

Table 109. Zeiss Diffraction Gratings Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 110. Zeiss Main Business

Table 111. Zeiss Latest Developments

Table 112. Optometrics (Dynasil) Basic Information, Diffraction Gratings Manufacturing Base, Sales Area and Its Competitors

Table 113. Optometrics (Dynasil) Diffraction Gratings Product Portfolios and Specifications

Table 114. Optometrics (Dynasil) Diffraction Gratings Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 115. Optometrics (Dynasil) Main Business

Table 116. Optometrics (Dynasil) Latest Developments

Table 117. Headwall Photonics Basic Information, Diffraction Gratings Manufacturing Base, Sales Area and Its Competitors

Table 118. Headwall Photonics Diffraction Gratings Product Portfolios and Specifications

Table 119. Headwall Photonics Diffraction Gratings Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 120. Headwall Photonics Main Business

Table 121. Headwall Photonics Latest Developments

Table 122. Spectrogon AB Basic Information, Diffraction Gratings Manufacturing Base, Sales Area and Its Competitors

Table 123. Spectrogon AB Diffraction Gratings Product Portfolios and Specifications

Table 124. Spectrogon AB Diffraction Gratings Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 125. Spectrogon AB Main Business
Table 126. Spectrogon AB Latest Developments
Table 127. Jenoptik Basic Information, Diffraction Gratings Manufacturing Base, Sales Area and Its Competitors
Table 128. Jenoptik Diffraction Gratings Product Portfolios and Specifications
Table 129. Jenoptik Diffraction Gratings Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
Table 130. Jenoptik Main Business
Table 131. Jenoptik Latest Developments
Table 132. Spectrum Scientific Basic Information, Diffraction Gratings Manufacturing Base, Sales Area and Its Competitors
Table 133. Spectrum Scientific Diffraction Gratings Product Portfolios and Specifications
Table 134. Spectrum Scientific Diffraction Gratings Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
Table 135. Spectrum Scientific Main Business
Table 136. Spectrum Scientific Latest Developments
Table 137. PhotopTechnologies Basic Information, Diffraction Gratings Manufacturing Base, Sales Area and Its Competitors
Table 138. PhotopTechnologies Diffraction Gratings Product Portfolios and Specifications
Table 139. PhotopTechnologies Diffraction Gratings Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
Table 140. PhotopTechnologies Main Business
Table 141. PhotopTechnologies Latest Developments
Table 142. Wasatch Photonics Basic Information, Diffraction Gratings Manufacturing Base, Sales Area and Its Competitors
Table 143. Wasatch Photonics Diffraction Gratings Product Portfolios and Specifications
Table 144. Wasatch Photonics Diffraction Gratings Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
Table 145. Wasatch Photonics Main Business
Table 146. Wasatch Photonics Latest Developments
Table 147. GratingWorks Basic Information, Diffraction Gratings Manufacturing Base, Sales Area and Its Competitors
Table 148. GratingWorks Diffraction Gratings Product Portfolios and Specifications
Table 149. GratingWorks Diffraction Gratings Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
Table 150. GratingWorks Main Business
Table 151. GratingWorks Latest Developments
Table 152. Shenyang Yibeite Optics Basic Information, Diffraction Gratings

Manufacturing Base, Sales Area and Its Competitors

Table 153. Shenyang Yibeite Optics Diffraction Gratings Product Portfolios and Specifications

Table 154. Shenyang Yibeite Optics Diffraction Gratings Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 155. Shenyang Yibeite Optics Main Business

Table 156. Shenyang Yibeite Optics Latest Developments

LIST OFFIGURES

Figure 1. Picture of Diffraction Gratings

Figure 2. Diffraction Gratings Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global Diffraction Gratings Sales Growth Rate 2020-2031 (K Units)

Figure 7. Global Diffraction Gratings Revenue Growth Rate 2020-2031 (\$ millions)

Figure 8. Diffraction Gratings Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)

Figure 9. Diffraction Gratings Sales Market Share by Country/Region (2024)

Figure 10. Diffraction Gratings Sales Market Share by Country/Region (2020, 2024 & 2031)

Figure 11. Product Picture of Ruled Gratings

Figure 12. Product Picture of Holographic Gratings

Figure 13. Global Diffraction Gratings Sales Market Share byType in 2025

Figure 14. Global Diffraction Gratings Revenue Market Share byType (2020-2025)

Figure 15. Diffraction Gratings Consumed in Monochromator and Spectrometer

Figure 16. Global Diffraction Gratings Market: Monochromator and Spectrometer (2020-2025) & (K Units)

Figure 17. Diffraction Gratings Consumed in Laser

Figure 18. Global Diffraction Gratings Market: Laser (2020-2025) & (K Units)

Figure 19. Diffraction Gratings Consumed in OpticalTelecom

Figure 20. Global Diffraction Gratings Market: OpticalTelecom (2020-2025) & (K Units)

Figure 21. Diffraction Gratings Consumed in Astronomy

Figure 22. Global Diffraction Gratings Market: Astronomy (2020-2025) & (K Units)

Figure 23. Diffraction Gratings Consumed in Others

Figure 24. Global Diffraction Gratings Market: Others (2020-2025) & (K Units)

- Figure 25. Global Diffraction Gratings Sale Market Share by Application (2024)
- Figure 26. Global Diffraction Gratings Revenue Market Share by Application in 2025
- Figure 27. Diffraction Gratings Sales by Company in 2025 (K Units)
- Figure 28. Global Diffraction Gratings Sales Market Share by Company in 2025
- Figure 29. Diffraction Gratings Revenue by Company in 2025 (\$ millions)
- Figure 30. Global Diffraction Gratings Revenue Market Share by Company in 2025
- Figure 31. Global Diffraction Gratings Sales Market Share by Geographic Region (2020-2025)
- Figure 32. Global Diffraction Gratings Revenue Market Share by Geographic Region in 2025
- Figure 33. Americas Diffraction Gratings Sales 2020-2025 (K Units)
- Figure 34. Americas Diffraction Gratings Revenue 2020-2025 (\$ millions)
- Figure 35. APAC Diffraction Gratings Sales 2020-2025 (K Units)
- Figure 36. APAC Diffraction Gratings Revenue 2020-2025 (\$ millions)
- Figure 37. Europe Diffraction Gratings Sales 2020-2025 (K Units)
- Figure 38. Europe Diffraction Gratings Revenue 2020-2025 (\$ millions)
- Figure 39. Middle East & Africa Diffraction Gratings Sales 2020-2025 (K Units)
- Figure 40. Middle East & Africa Diffraction Gratings Revenue 2020-2025 (\$ millions)
- Figure 41. Americas Diffraction Gratings Sales Market Share by Country in 2025
- Figure 42. Americas Diffraction Gratings Revenue Market Share by Country (2020-2025)
- Figure 43. Americas Diffraction Gratings Sales Market Share byType (2020-2025)
- Figure 44. Americas Diffraction Gratings Sales Market Share by Application (2020-2025)
- Figure 45. United States Diffraction Gratings Revenue Growth 2020-2025 (\$ millions)
- Figure 46. Canada Diffraction Gratings Revenue Growth 2020-2025 (\$ millions)
- Figure 47. Mexico Diffraction Gratings Revenue Growth 2020-2025 (\$ millions)
- Figure 48. Brazil Diffraction Gratings Revenue Growth 2020-2025 (\$ millions)
- Figure 49. APAC Diffraction Gratings Sales Market Share by Region in 2025
- Figure 50. APAC Diffraction Gratings Revenue Market Share by Region (2020-2025)
- Figure 51. APAC Diffraction Gratings Sales Market Share byType (2020-2025)
- Figure 52. APAC Diffraction Gratings Sales Market Share by Application (2020-2025)
- Figure 53. China Diffraction Gratings Revenue Growth 2020-2025 (\$ millions)
- Figure 54. Japan Diffraction Gratings Revenue Growth 2020-2025 (\$ millions)
- Figure 55. South Korea Diffraction Gratings Revenue Growth 2020-2025 (\$ millions)
- Figure 56. Southeast Asia Diffraction Gratings Revenue Growth 2020-2025 (\$ millions)
- Figure 57. India Diffraction Gratings Revenue Growth 2020-2025 (\$ millions)
- Figure 58. Australia Diffraction Gratings Revenue Growth 2020-2025 (\$ millions)
- Figure 59. ChinaTaiwan Diffraction Gratings Revenue Growth 2020-2025 (\$ millions)

- Figure 60. Europe Diffraction Gratings Sales Market Share by Country in 2025
- Figure 61. Europe Diffraction Gratings Revenue Market Share by Country (2020-2025)
- Figure 62. Europe Diffraction Gratings Sales Market Share byType (2020-2025)
- Figure 63. Europe Diffraction Gratings Sales Market Share by Application (2020-2025)
- Figure 64. Germany Diffraction Gratings Revenue Growth 2020-2025 (\$ millions)
- Figure 65. France Diffraction Gratings Revenue Growth 2020-2025 (\$ millions)
- Figure 66. UK Diffraction Gratings Revenue Growth 2020-2025 (\$ millions)
- Figure 67. Italy Diffraction Gratings Revenue Growth 2020-2025 (\$ millions)
- Figure 68. Russia Diffraction Gratings Revenue Growth 2020-2025 (\$ millions)
- Figure 69. Middle East & Africa Diffraction Gratings Sales Market Share by Country (2020-2025)
- Figure 70. Middle East & Africa Diffraction Gratings Sales Market Share byType (2020-2025)
- Figure 71. Middle East & Africa Diffraction Gratings Sales Market Share by Application (2020-2025)
- Figure 72. Egypt Diffraction Gratings Revenue Growth 2020-2025 (\$ millions)
- Figure 73. South Africa Diffraction Gratings Revenue Growth 2020-2025 (\$ millions)
- Figure 74. Israel Diffraction Gratings Revenue Growth 2020-2025 (\$ millions)
- Figure 75. Turkey Diffraction Gratings Revenue Growth 2020-2025 (\$ millions)
- Figure 76. GCC Countries Diffraction Gratings Revenue Growth 2020-2025 (\$ millions)
- Figure 77. Manufacturing Cost Structure Analysis of Diffraction Gratings in 2025
- Figure 78. Manufacturing Process Analysis of Diffraction Gratings
- Figure 79. Industry Chain Structure of Diffraction Gratings
- Figure 80. Channels of Distribution
- Figure 81. Global Diffraction Gratings Sales MarketForecast by Region (2026-2031)
- Figure 82. Global Diffraction Gratings Revenue Market ShareForecast by Region (2026-2031)
- Figure 83. Global Diffraction Gratings Sales Market ShareForecast byType (2026-2031)
- Figure 84. Global Diffraction Gratings Revenue Market ShareForecast byType (2026-2031)
- Figure 85. Global Diffraction Gratings Sales Market ShareForecast by Application (2026-2031)
- Figure 86. Global Diffraction Gratings Revenue Market ShareForecast by Application (2026-2031)

I would like to order

Product name: Global Diffraction Gratings Market Growth 2025-2031

Product link: <https://marketpublishers.com/r/GD4AF8431A7EN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GD4AF8431A7EN.html>