

Global Diffraction Gratings Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/GFECDAAF12B0EN.html>

Date: January 2026

Pages: 143

Price: US\$ 4,480.00 (Single User License)

ID: GFECDAAF12B0EN

Abstracts

The global Diffraction Gratings market size is expected to reach \$ 381 million by 2032, rising at a market growth of 5.4% CAGR during the forecast period (2026-2032).

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.

This report studies the global Diffraction Gratings production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Diffraction

Gratings and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Diffraction Gratings that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Diffraction Gratings total production and demand, 2021-2032, (K Units)

Global Diffraction Gratings total production value, 2021-2032, (USD Million)

Global Diffraction Gratings production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global Diffraction Gratings consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Diffraction Gratings domestic production, consumption, key domestic manufacturers and share

Global Diffraction Gratings production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global Diffraction Gratings production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global Diffraction Gratings production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Diffraction Gratings market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include HORIBA, MKS Instruments(Newport Corporation), Edmund Optics, Shimadzu Corporation, Kaiser Optical Systems, Lightsmyth (Finisar), Plymouth Grating Lab, Zeiss, Optometrics (Dynasil), Headwall Photonics, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Diffraction Gratings market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (USD/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Diffraction Gratings Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Diffraction Gratings Market, Segmentation by Type:

Ruled Gratings

Holographic Gratings

Global Diffraction Gratings Market, Segmentation by Application:

Monochromator and Spectrometer

Laser

Optical Telecom

Astronomy

Others

Companies Profiled:

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 Answered:

1. How big is the global Diffraction Gratings market?
2. What is the demand of the global Diffraction Gratings market?
3. What is the year over year growth of the global Diffraction Gratings market?
4. What is the production and production value of the global Diffraction Gratings market?
5. Who are the key producers in the global Diffraction Gratings market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Diffraction Gratings Introduction
- 1.2 World Diffraction Gratings Supply & Forecast
 - 1.2.1 World Diffraction Gratings Production Value (2021 & 2025 & 2032)
 - 1.2.2 World Diffraction Gratings Production (2021-2032)
 - 1.2.3 World Diffraction Gratings Pricing Trends (2021-2032)
- 1.3 World Diffraction Gratings Production by Region (Based on Production Site)
 - 1.3.1 World Diffraction Gratings Production Value by Region (2021-2032)
 - 1.3.2 World Diffraction Gratings Production by Region (2021-2032)
 - 1.3.3 World Diffraction Gratings Average Price by Region (2021-2032)
 - 1.3.4 North America Diffraction Gratings Production (2021-2032)
 - 1.3.5 Europe Diffraction Gratings Production (2021-2032)
 - 1.3.6 China Diffraction Gratings Production (2021-2032)
 - 1.3.7 Japan Diffraction Gratings Production (2021-2032)
 - 1.3.8 Southeast Asia Diffraction Gratings Production (2021-2032)
 - 1.3.9 India Diffraction Gratings Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Diffraction Gratings Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Diffraction Gratings Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Diffraction Gratings Demand (2021-2032)
- 2.2 World Diffraction Gratings Consumption by Region
 - 2.2.1 World Diffraction Gratings Consumption by Region (2021-2026)
 - 2.2.2 World Diffraction Gratings Consumption Forecast by Region (2027-2032)
- 2.3 United States Diffraction Gratings Consumption (2021-2032)
- 2.4 China Diffraction Gratings Consumption (2021-2032)
- 2.5 Europe Diffraction Gratings Consumption (2021-2032)
- 2.6 Japan Diffraction Gratings Consumption (2021-2032)
- 2.7 South Korea Diffraction Gratings Consumption (2021-2032)
- 2.8 ASEAN Diffraction Gratings Consumption (2021-2032)
- 2.9 India Diffraction Gratings Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Diffraction Gratings Production Value by Manufacturer (2021-2026)
- 3.2 World Diffraction Gratings Production by Manufacturer (2021-2026)
- 3.3 World Diffraction Gratings Average Price by Manufacturer (2021-2026)
- 3.4 Diffraction Gratings Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Diffraction Gratings Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Diffraction Gratings in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for Diffraction Gratings in 2025
- 3.6 Diffraction Gratings Market: Overall Company Footprint Analysis
 - 3.6.1 Diffraction Gratings Market: Region Footprint
 - 3.6.2 Diffraction Gratings Market: Company Product Type Footprint
 - 3.6.3 Diffraction Gratings Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Diffraction Gratings Production Value Comparison
 - 4.1.1 United States VS China: Diffraction Gratings Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: Diffraction Gratings Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: Diffraction Gratings Production Comparison
 - 4.2.1 United States VS China: Diffraction Gratings Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: Diffraction Gratings Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: Diffraction Gratings Consumption Comparison
 - 4.3.1 United States VS China: Diffraction Gratings Consumption Comparison (2021 & 2025 & 2032)
 - 4.3.2 United States VS China: Diffraction Gratings Consumption Market Share Comparison (2021 & 2025 & 2032)
- 4.4 United States Based Diffraction Gratings Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Diffraction Gratings Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Diffraction Gratings Production Value (2021-2026)

4.4.3 United States Based Manufacturers Diffraction Gratings Production (2021-2026)
4.5 China Based Diffraction Gratings Manufacturers and Market Share

4.5.1 China Based Diffraction Gratings Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Diffraction Gratings Production Value (2021-2026)

4.5.3 China Based Manufacturers Diffraction Gratings Production (2021-2026)

4.6 Rest of World Based Diffraction Gratings Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Diffraction Gratings Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Diffraction Gratings Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Diffraction Gratings Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Diffraction Gratings Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Ruled Gratings

5.2.2 Holographic Gratings

5.3 Market Segment by Type

5.3.1 World Diffraction Gratings Production by Type (2021-2032)

5.3.2 World Diffraction Gratings Production Value by Type (2021-2032)

5.3.3 World Diffraction Gratings Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Diffraction Gratings Market Size Overview by Application: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Application

6.2.1 Monochromator and Spectrometer

6.2.2 Laser

6.2.3 Optical Telecom

6.2.4 Astronomy

6.2.5 Others

6.3 Market Segment by Application

6.3.1 World Diffraction Gratings Production by Application (2021-2032)

6.3.2 World Diffraction Gratings Production Value by Application (2021-2032)

6.3.3 World Diffraction Gratings Average Price by Application (2021-2032)

7 COMPANY PROFILES

7.1 HORIBA

7.1.1 HORIBA Details

7.1.2 HORIBA Major Business

7.1.3 HORIBA Diffraction Gratings Product and Services

7.1.4 HORIBA Diffraction Gratings Production, Price, Value, Gross Margin and Market Share (2021-2026)

7.1.5 HORIBA Recent Developments/Updates

7.1.6 HORIBA Competitive Strengths & Weaknesses

7.2 MKS Instruments(Newport Corporation)

7.2.1 MKS Instruments(Newport Corporation) Details

7.2.2 MKS Instruments(Newport Corporation) Major Business

7.2.3 MKS Instruments(Newport Corporation) Diffraction Gratings Product and Services

7.2.4 MKS Instruments(Newport Corporation) Diffraction Gratings Production, Price, Value, Gross Margin and Market Share (2021-2026)

7.2.5 MKS Instruments(Newport Corporation) Recent Developments/Updates

7.2.6 MKS Instruments(Newport Corporation) Competitive Strengths & Weaknesses

7.3 Edmund Optics

7.3.1 Edmund Optics Details

7.3.2 Edmund Optics Major Business

7.3.3 Edmund Optics Diffraction Gratings Product and Services

7.3.4 Edmund Optics Diffraction Gratings Production, Price, Value, Gross Margin and Market Share (2021-2026)

7.3.5 Edmund Optics Recent Developments/Updates

7.3.6 Edmund Optics Competitive Strengths & Weaknesses

7.4 Shimadzu Corporation

7.4.1 Shimadzu Corporation Details

7.4.2 Shimadzu Corporation Major Business

7.4.3 Shimadzu Corporation Diffraction Gratings Product and Services

7.4.4 Shimadzu Corporation Diffraction Gratings Production, Price, Value, Gross Margin and Market Share (2021-2026)

7.4.5 Shimadzu Corporation Recent Developments/Updates

- 7.4.6 Shimadzu Corporation Competitive Strengths & Weaknesses
- 7.5 Kaiser Optical Systems
 - 7.5.1 Kaiser Optical Systems Details
 - 7.5.2 Kaiser Optical Systems Major Business
 - 7.5.3 Kaiser Optical Systems Diffraction Gratings Product and Services
 - 7.5.4 Kaiser Optical Systems Diffraction Gratings Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 7.5.5 Kaiser Optical Systems Recent Developments/Updates
 - 7.5.6 Kaiser Optical Systems Competitive Strengths & Weaknesses
- 7.6 Lightsmyth (Finisar)
 - 7.6.1 Lightsmyth (Finisar) Details
 - 7.6.2 Lightsmyth (Finisar) Major Business
 - 7.6.3 Lightsmyth (Finisar) Diffraction Gratings Product and Services
 - 7.6.4 Lightsmyth (Finisar) Diffraction Gratings Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 7.6.5 Lightsmyth (Finisar) Recent Developments/Updates
 - 7.6.6 Lightsmyth (Finisar) Competitive Strengths & Weaknesses
- 7.7 Plymouth Grating Lab
 - 7.7.1 Plymouth Grating Lab Details
 - 7.7.2 Plymouth Grating Lab Major Business
 - 7.7.3 Plymouth Grating Lab Diffraction Gratings Product and Services
 - 7.7.4 Plymouth Grating Lab Diffraction Gratings Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 7.7.5 Plymouth Grating Lab Recent Developments/Updates
 - 7.7.6 Plymouth Grating Lab Competitive Strengths & Weaknesses
- 7.8 Zeiss
 - 7.8.1 Zeiss Details
 - 7.8.2 Zeiss Major Business
 - 7.8.3 Zeiss Diffraction Gratings Product and Services
 - 7.8.4 Zeiss Diffraction Gratings Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 7.8.5 Zeiss Recent Developments/Updates
 - 7.8.6 Zeiss Competitive Strengths & Weaknesses
- 7.9 Optometrics (Dynasil)
 - 7.9.1 Optometrics (Dynasil) Details
 - 7.9.2 Optometrics (Dynasil) Major Business
 - 7.9.3 Optometrics (Dynasil) Diffraction Gratings Product and Services
 - 7.9.4 Optometrics (Dynasil) Diffraction Gratings Production, Price, Value, Gross Margin and Market Share (2021-2026)

- 7.9.5 Optometrics (Dynasil) Recent Developments/Updates
- 7.9.6 Optometrics (Dynasil) Competitive Strengths & Weaknesses
- 7.10 Headwall Photonics
 - 7.10.1 Headwall Photonics Details
 - 7.10.2 Headwall Photonics Major Business
 - 7.10.3 Headwall Photonics Diffraction Gratings Product and Services
 - 7.10.4 Headwall Photonics Diffraction Gratings Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 7.10.5 Headwall Photonics Recent Developments/Updates
 - 7.10.6 Headwall Photonics Competitive Strengths & Weaknesses
- 7.11 Spectrogon AB
 - 7.11.1 Spectrogon AB Details
 - 7.11.2 Spectrogon AB Major Business
 - 7.11.3 Spectrogon AB Diffraction Gratings Product and Services
 - 7.11.4 Spectrogon AB Diffraction Gratings Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 7.11.5 Spectrogon AB Recent Developments/Updates
 - 7.11.6 Spectrogon AB Competitive Strengths & Weaknesses
- 7.12 Jenoptik
 - 7.12.1 Jenoptik Details
 - 7.12.2 Jenoptik Major Business
 - 7.12.3 Jenoptik Diffraction Gratings Product and Services
 - 7.12.4 Jenoptik Diffraction Gratings Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 7.12.5 Jenoptik Recent Developments/Updates
 - 7.12.6 Jenoptik Competitive Strengths & Weaknesses
- 7.13 Spectrum Scientific
 - 7.13.1 Spectrum Scientific Details
 - 7.13.2 Spectrum Scientific Major Business
 - 7.13.3 Spectrum Scientific Diffraction Gratings Product and Services
 - 7.13.4 Spectrum Scientific Diffraction Gratings Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 7.13.5 Spectrum Scientific Recent Developments/Updates
 - 7.13.6 Spectrum Scientific Competitive Strengths & Weaknesses
- 7.14 Photop Technologies
 - 7.14.1 Photop Technologies Details
 - 7.14.2 Photop Technologies Major Business
 - 7.14.3 Photop Technologies Diffraction Gratings Product and Services
 - 7.14.4 Photop Technologies Diffraction Gratings Production, Price, Value, Gross

Margin and Market Share (2021-2026)

7.14.5 Photop Technologies Recent Developments/Updates

7.14.6 Photop Technologies Competitive Strengths & Weaknesses

7.15 Wasatch Photonics

7.15.1 Wasatch Photonics Details

7.15.2 Wasatch Photonics Major Business

7.15.3 Wasatch Photonics Diffraction Gratings Product and Services

7.15.4 Wasatch Photonics Diffraction Gratings Production, Price, Value, Gross Margin and Market Share (2021-2026)

7.15.5 Wasatch Photonics Recent Developments/Updates

7.15.6 Wasatch Photonics Competitive Strengths & Weaknesses

7.16 GratingWorks

7.16.1 GratingWorks Details

7.16.2 GratingWorks Major Business

7.16.3 GratingWorks Diffraction Gratings Product and Services

7.16.4 GratingWorks Diffraction Gratings Production, Price, Value, Gross Margin and Market Share (2021-2026)

7.16.5 GratingWorks Recent Developments/Updates

7.16.6 GratingWorks Competitive Strengths & Weaknesses

7.17 Shenyang Yibeite Optics

7.17.1 Shenyang Yibeite Optics Details

7.17.2 Shenyang Yibeite Optics Major Business

7.17.3 Shenyang Yibeite Optics Diffraction Gratings Product and Services

7.17.4 Shenyang Yibeite Optics Diffraction Gratings Production, Price, Value, Gross Margin and Market Share (2021-2026)

7.17.5 Shenyang Yibeite Optics Recent Developments/Updates

7.17.6 Shenyang Yibeite Optics Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 Diffraction Gratings Industry Chain

8.2 Diffraction Gratings Upstream Analysis

8.2.1 Diffraction Gratings Core Raw Materials

8.2.2 Main Manufacturers of Diffraction Gratings Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 Diffraction Gratings Production Mode

8.6 Diffraction Gratings Procurement Model

8.7 Diffraction Gratings Industry Sales Model and Sales Channels

8.7.1 Diffraction Gratings Sales Model

8.7.2 Diffraction Gratings Typical Distributors

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. World Diffraction Gratings Production Value by Region (2021, 2025 and 2032) & (USD Million)
- Table 2. World Diffraction Gratings Production Value by Region (2021-2026) & (USD Million)
- Table 3. World Diffraction Gratings Production Value by Region (2027-2032) & (USD Million)
- Table 4. World Diffraction Gratings Production Value Market Share by Region (2021-2026)
- Table 5. World Diffraction Gratings Production Value Market Share by Region (2027-2032)
- Table 6. World Diffraction Gratings Production by Region (2021-2026) & (K Units)
- Table 7. World Diffraction Gratings Production by Region (2027-2032) & (K Units)
- Table 8. World Diffraction Gratings Production Market Share by Region (2021-2026)
- Table 9. World Diffraction Gratings Production Market Share by Region (2027-2032)
- Table 10. World Diffraction Gratings Average Price by Region (2021-2026) & (USD/Unit)
- Table 11. World Diffraction Gratings Average Price by Region (2027-2032) & (USD/Unit)
- Table 12. Diffraction Gratings Major Market Trends
- Table 13. World Diffraction Gratings Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Units)
- Table 14. World Diffraction Gratings Consumption by Region (2021-2026) & (K Units)
- Table 15. World Diffraction Gratings Consumption Forecast by Region (2027-2032) & (K Units)
- Table 16. World Diffraction Gratings Production Value by Manufacturer (2021-2026) & (USD Million)
- Table 17. Production Value Market Share of Key Diffraction Gratings Producers in 2025
- Table 18. World Diffraction Gratings Production by Manufacturer (2021-2026) & (K Units)
- Table 19. Production Market Share of Key Diffraction Gratings Producers in 2025
- Table 20. World Diffraction Gratings Average Price by Manufacturer (2021-2026) & (USD/Unit)
- Table 21. Global Diffraction Gratings Company Evaluation Quadrant
- Table 22. World Diffraction Gratings Industry Rank of Major Manufacturers, Based on Production Value in 2025

- Table 23. Head Office and Diffraction Gratings Production Site of Key Manufacturer
- Table 24. Diffraction Gratings Market: Company Product Type Footprint
- Table 25. Diffraction Gratings Market: Company Product Application Footprint
- Table 26. Diffraction Gratings Competitive Factors
- Table 27. Diffraction Gratings New Entrant and Capacity Expansion Plans
- Table 28. Diffraction Gratings Mergers & Acquisitions Activity
- Table 29. United States VS China Diffraction Gratings Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)
- Table 30. United States VS China Diffraction Gratings Production Comparison, (2021 & 2025 & 2032) & (K Units)
- Table 31. United States VS China Diffraction Gratings Consumption Comparison, (2021 & 2025 & 2032) & (K Units)
- Table 32. United States Based Diffraction Gratings Manufacturers, Headquarters and Production Site (States, Country)
- Table 33. United States Based Manufacturers Diffraction Gratings Production Value, (2021-2026) & (USD Million)
- Table 34. United States Based Manufacturers Diffraction Gratings Production Value Market Share (2021-2026)
- Table 35. United States Based Manufacturers Diffraction Gratings Production (2021-2026) & (K Units)
- Table 36. United States Based Manufacturers Diffraction Gratings Production Market Share (2021-2026)
- Table 37. China Based Diffraction Gratings Manufacturers, Headquarters and Production Site (Province, Country)
- Table 38. China Based Manufacturers Diffraction Gratings Production Value, (2021-2026) & (USD Million)
- Table 39. China Based Manufacturers Diffraction Gratings Production Value Market Share (2021-2026)
- Table 40. China Based Manufacturers Diffraction Gratings Production, (2021-2026) & (K Units)
- Table 41. China Based Manufacturers Diffraction Gratings Production Market Share (2021-2026)
- Table 42. Rest of World Based Diffraction Gratings Manufacturers, Headquarters and Production Site (State, Country)
- Table 43. Rest of World Based Manufacturers Diffraction Gratings Production Value, (2021-2026) & (USD Million)
- Table 44. Rest of World Based Manufacturers Diffraction Gratings Production Value Market Share (2021-2026)
- Table 45. Rest of World Based Manufacturers Diffraction Gratings Production,

(2021-2026) & (K Units)

Table 46. Rest of World Based Manufacturers Diffraction Gratings Production Market Share (2021-2026)

Table 47. World Diffraction Gratings Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Diffraction Gratings Production by Type (2021-2026) & (K Units)

Table 49. World Diffraction Gratings Production by Type (2027-2032) & (K Units)

Table 50. World Diffraction Gratings Production Value by Type (2021-2026) & (USD Million)

Table 51. World Diffraction Gratings Production Value by Type (2027-2032) & (USD Million)

Table 52. World Diffraction Gratings Average Price by Type (2021-2026) & (USD/Unit)

Table 53. World Diffraction Gratings Average Price by Type (2027-2032) & (USD/Unit)

Table 54. World Diffraction Gratings Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 55. World Diffraction Gratings Production by Application (2021-2026) & (K Units)

Table 56. World Diffraction Gratings Production by Application (2027-2032) & (K Units)

Table 57. World Diffraction Gratings Production Value by Application (2021-2026) & (USD Million)

Table 58. World Diffraction Gratings Production Value by Application (2027-2032) & (USD Million)

Table 59. World Diffraction Gratings Average Price by Application (2021-2026) & (USD/Unit)

Table 60. World Diffraction Gratings Average Price by Application (2027-2032) & (USD/Unit)

Table 61. HORIBA Basic Information, Manufacturing Base and Competitors

Table 62. HORIBA Major Business

Table 63. HORIBA Diffraction Gratings Product and Services

Table 64. HORIBA Diffraction Gratings Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 65. HORIBA Recent Developments/Updates

Table 66. HORIBA Competitive Strengths & Weaknesses

Table 67. MKS Instruments(Newport Corporation) Basic Information, Manufacturing Base and Competitors

Table 68. MKS Instruments(Newport Corporation) Major Business

Table 69. MKS Instruments(Newport Corporation) Diffraction Gratings Product and Services

Table 70. MKS Instruments(Newport Corporation) Diffraction Gratings Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market

Share (2021-2026)

Table 71. MKS Instruments(Newport Corporation) Recent Developments/Updates

Table 72. MKS Instruments(Newport Corporation) Competitive Strengths & Weaknesses

Table 73. Edmund Optics Basic Information, Manufacturing Base and Competitors

Table 74. Edmund Optics Major Business

Table 75. Edmund Optics Diffraction Gratings Product and Services

Table 76. Edmund Optics Diffraction Gratings Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 77. Edmund Optics Recent Developments/Updates

Table 78. Edmund Optics Competitive Strengths & Weaknesses

Table 79. Shimadzu Corporation Basic Information, Manufacturing Base and Competitors

Table 80. Shimadzu Corporation Major Business

Table 81. Shimadzu Corporation Diffraction Gratings Product and Services

Table 82. Shimadzu Corporation Diffraction Gratings Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 83. Shimadzu Corporation Recent Developments/Updates

Table 84. Shimadzu Corporation Competitive Strengths & Weaknesses

Table 85. Kaiser Optical Systems Basic Information, Manufacturing Base and Competitors

Table 86. Kaiser Optical Systems Major Business

Table 87. Kaiser Optical Systems Diffraction Gratings Product and Services

Table 88. Kaiser Optical Systems Diffraction Gratings Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 89. Kaiser Optical Systems Recent Developments/Updates

Table 90. Kaiser Optical Systems Competitive Strengths & Weaknesses

Table 91. Lightsmyth (Finisar) Basic Information, Manufacturing Base and Competitors

Table 92. Lightsmyth (Finisar) Major Business

Table 93. Lightsmyth (Finisar) Diffraction Gratings Product and Services

Table 94. Lightsmyth (Finisar) Diffraction Gratings Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 95. Lightsmyth (Finisar) Recent Developments/Updates

Table 96. Lightsmyth (Finisar) Competitive Strengths & Weaknesses

Table 97. Plymouth Grating Lab Basic Information, Manufacturing Base and Competitors

Table 98. Plymouth Grating Lab Major Business

Table 99. Plymouth Grating Lab Diffraction Gratings Product and Services

Table 100. Plymouth Grating Lab Diffraction Gratings Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 101. Plymouth Grating Lab Recent Developments/Updates

Table 102. Plymouth Grating Lab Competitive Strengths & Weaknesses

Table 103. Zeiss Basic Information, Manufacturing Base and Competitors

Table 104. Zeiss Major Business

Table 105. Zeiss Diffraction Gratings Product and Services

Table 106. Zeiss Diffraction Gratings Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 107. Zeiss Recent Developments/Updates

Table 108. Zeiss Competitive Strengths & Weaknesses

Table 109. Optometrics (Dynasil) Basic Information, Manufacturing Base and Competitors

Table 110. Optometrics (Dynasil) Major Business

Table 111. Optometrics (Dynasil) Diffraction Gratings Product and Services

Table 112. Optometrics (Dynasil) Diffraction Gratings Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 113. Optometrics (Dynasil) Recent Developments/Updates

Table 114. Optometrics (Dynasil) Competitive Strengths & Weaknesses

Table 115. Headwall Photonics Basic Information, Manufacturing Base and Competitors

Table 116. Headwall Photonics Major Business

Table 117. Headwall Photonics Diffraction Gratings Product and Services

Table 118. Headwall Photonics Diffraction Gratings Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 119. Headwall Photonics Recent Developments/Updates

Table 120. Headwall Photonics Competitive Strengths & Weaknesses

Table 121. Spectrogon AB Basic Information, Manufacturing Base and Competitors

Table 122. Spectrogon AB Major Business

Table 123. Spectrogon AB Diffraction Gratings Product and Services

Table 124. Spectrogon AB Diffraction Gratings Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 125. Spectrogon AB Recent Developments/Updates

Table 126. Spectrogon AB Competitive Strengths & Weaknesses

Table 127. Jenoptik Basic Information, Manufacturing Base and Competitors

Table 128. Jenoptik Major Business

Table 129. Jenoptik Diffraction Gratings Product and Services

Table 130. Jenoptik Diffraction Gratings Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 131. Jenoptik Recent Developments/Updates

Table 132. Jenoptik Competitive Strengths & Weaknesses

Table 133. Spectrum Scientific Basic Information, Manufacturing Base and Competitors

Table 134. Spectrum Scientific Major Business

Table 135. Spectrum Scientific Diffraction Gratings Product and Services

Table 136. Spectrum Scientific Diffraction Gratings Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 137. Spectrum Scientific Recent Developments/Updates

Table 138. Spectrum Scientific Competitive Strengths & Weaknesses

Table 139. Photop Technologies Basic Information, Manufacturing Base and Competitors

Table 140. Photop Technologies Major Business

Table 141. Photop Technologies Diffraction Gratings Product and Services

Table 142. Photop Technologies Diffraction Gratings Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 143. Photop Technologies Recent Developments/Updates

Table 144. Photop Technologies Competitive Strengths & Weaknesses

Table 145. Wasatch Photonics Basic Information, Manufacturing Base and Competitors

Table 146. Wasatch Photonics Major Business

Table 147. Wasatch Photonics Diffraction Gratings Product and Services

Table 148. Wasatch Photonics Diffraction Gratings Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 149. Wasatch Photonics Recent Developments/Updates

Table 150. Wasatch Photonics Competitive Strengths & Weaknesses

Table 151. GratingWorks Basic Information, Manufacturing Base and Competitors

Table 152. GratingWorks Major Business

Table 153. GratingWorks Diffraction Gratings Product and Services

Table 154. GratingWorks Diffraction Gratings Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 155. GratingWorks Recent Developments/Updates

Table 156. GratingWorks Competitive Strengths & Weaknesses

Table 157. Shenyang Yibeite Optics Basic Information, Manufacturing Base and

Competitors

Table 158. Shenyang Yibeite Optics Major Business

Table 159. Shenyang Yibeite Optics Diffraction Gratings Product and Services

Table 160. Shenyang Yibeite Optics Diffraction Gratings Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 161. Shenyang Yibeite Optics Recent Developments/Updates

Table 162. Shenyang Yibeite Optics Competitive Strengths & Weaknesses

Table 163. Global Key Players of Diffraction Gratings Upstream (Raw Materials)

Table 164. Global Diffraction Gratings Typical Customers

Table 165. Diffraction Gratings Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Diffraction Gratings Picture

Figure 2. World Diffraction Gratings Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Diffraction Gratings Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Diffraction Gratings Production (2021-2032) & (K Units)

Figure 5. World Diffraction Gratings Average Price (2021-2032) & (USD/Unit)

Figure 6. World Diffraction Gratings Production Value Market Share by Region (2021-2032)

Figure 7. World Diffraction Gratings Production Market Share by Region (2021-2032)

Figure 8. North America Diffraction Gratings Production (2021-2032) & (K Units)

Figure 9. Europe Diffraction Gratings Production (2021-2032) & (K Units)

Figure 10. China Diffraction Gratings Production (2021-2032) & (K Units)

Figure 11. Japan Diffraction Gratings Production (2021-2032) & (K Units)

Figure 12. Southeast Asia Diffraction Gratings Production (2021-2032) & (K Units)

Figure 13. India Diffraction Gratings Production (2021-2032) & (K Units)

Figure 14. Diffraction Gratings Market Drivers

Figure 15. Factors Affecting Demand

Figure 16. World Diffraction Gratings Consumption (2021-2032) & (K Units)

Figure 17. World Diffraction Gratings Consumption Market Share by Region (2021-2032)

Figure 18. United States Diffraction Gratings Consumption (2021-2032) & (K Units)

Figure 19. China Diffraction Gratings Consumption (2021-2032) & (K Units)

Figure 20. Europe Diffraction Gratings Consumption (2021-2032) & (K Units)

Figure 21. Japan Diffraction Gratings Consumption (2021-2032) & (K Units)

Figure 22. South Korea Diffraction Gratings Consumption (2021-2032) & (K Units)

Figure 23. ASEAN Diffraction Gratings Consumption (2021-2032) & (K Units)

Figure 24. India Diffraction Gratings Consumption (2021-2032) & (K Units)

Figure 25. Producer Shipments of Diffraction Gratings by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 26. Global Four-firm Concentration Ratios (CR4) for Diffraction Gratings Markets in 2025

Figure 27. Global Four-firm Concentration Ratios (CR8) for Diffraction Gratings Markets in 2025

Figure 28. United States VS China: Diffraction Gratings Production Value Market Share

Comparison (2021 & 2025 & 2032)

Figure 29. United States VS China: Diffraction Gratings Production Market Share

Comparison (2021 & 2025 & 2032)

Figure 30. United States VS China: Diffraction Gratings Consumption Market Share

Comparison (2021 & 2025 & 2032)

Figure 31. United States Based Manufacturers Diffraction Gratings Production Market Share 2025

Figure 32. China Based Manufacturers Diffraction Gratings Production Market Share 2025

Figure 33. Rest of World Based Manufacturers Diffraction Gratings Production Market Share 2025

Figure 34. World Diffraction Gratings Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 35. World Diffraction Gratings Production Value Market Share by Type in 2025

Figure 36. Ruled Gratings

Figure 37. Holographic Gratings

Figure 38. World Diffraction Gratings Production Market Share by Type (2021-2032)

Figure 39. World Diffraction Gratings Production Value Market Share by Type (2021-2032)

Figure 40. World Diffraction Gratings Average Price by Type (2021-2032) & (USD/Unit)

Figure 41. World Diffraction Gratings Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 42. World Diffraction Gratings Production Value Market Share by Application in 2025

Figure 43. Monochromator and Spectrometer

Figure 44. Laser

Figure 45. Optical Telecom

Figure 46. Astronomy

Figure 47. Others

Figure 48. World Diffraction Gratings Production Market Share by Application (2021-2032)

Figure 49. World Diffraction Gratings Production Value Market Share by Application (2021-2032)

Figure 50. World Diffraction Gratings Average Price by Application (2021-2032) & (USD/Unit)

Figure 51. Diffraction Gratings Industry Chain

Figure 52. Diffraction Gratings Procurement Model

Figure 53. Diffraction Gratings Sales Model

Figure 54. Diffraction Gratings Sales Channels, Direct Sales, and Distribution

Figure 55. Methodology

Figure 56. Research Process and Data Source

I would like to order

Product name: Global Diffraction Gratings Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/GFECDAAF12B0EN.html>

Price: US\$ 4,480.00 (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/GFECDAAF12B0EN.html>