

# Diffractive Optics Market Status and Trend Analysis 2017-2026 (COVID-19 Version)

https://marketpublishers.com/r/D31361C5B714EN.html

Date: November 2020

Pages: 110

Price: US\$ 2,800.00 (Single User License)

ID: D31361C5B714EN

# **Abstracts**

# **SUMMARY**

Further key aspects of the report indicate that:

Chapter 1: Research Scope: Product Definition, Type, End-Use & Methodology

Chapter 2: Global Industry Summary

Chapter 3: Market Dynamics

Chapter 4: Global Market Segmentation by region, type and End-Use

Chapter 5: North America Market Segmentation by region, type and End-Use

Chapter 6: Europe Market Segmentation by region, type and End-Use

Chapter 7: Asia-Pacific Market Segmentation by region, type and End-Use

Chapter 8: South America Market Segmentation by region, type and End-Use

Chapter 9: Middle East and Africa Market Segmentation by region, type and End-Use.

Chapter 10: Market Competition by Companies

Chapter 11: Market forecast and environment forecast.

Chapter 12: Industry Summary.

The global Diffractive Optics market has the potential to grow with xx million USD with growing CAGR in the forecast period from 2021f to 2026f. Factors driving the market for @@@@@ are the significant development of demand and improvement of COVID-19 and geo-economics.

Based on the type of product, the global Diffractive Optics market segmented into

Laser Material Processing



# Beam Splitting

Beam	-	$\sim$
Deam	$\Gamma$	(

Based on the end-use, the global Diffractive Optics market classified into

Laser Material Processing

Medical

Others

Based on geography, the global Diffractive Optics market segmented into

North America [U.S., Canada, Mexico]

Europe [Germany, UK, France, Italy, Rest of Europe]

Asia-Pacific [China, India, Japan, South Korea, Southeast Asia, Australia, Rest of Asia Pacific]

South America [Brazil, Argentina, Rest of Latin America]

Middle East & Africa [GCC, North Africa, South Africa, Rest of Middle East and Africa]

And the major players included in the report are

Jenoptik

Holo/Or Ltd.

**HORIBA** 

**Newport Corporation** 



Zeiss

Shimadzu Corporation
Edmund Optics
Lightsmyth (Finisar)
Optometrics (Dynasil)
Kaiser Optical Systems
SUSS MicroTec AG.
Photop Technologies
Wasatch Photonics
Headwall Photonics
Plymouth Grating Lab
Spectrogon AB
RPC Photonics
SILIOS Technologies
GratingWorks



# **Contents**

## 1 RESEARCH SCOPE

- 1.1 Research Product Definition
- 1.2 Research Segmentation
  - 1.2.1 Product Type
  - 1.2.2 Main product Type of Major Players
- 1.3 Demand Overview
- 1.4 Research Methodology

# 2 GLOBAL DIFFRACTIVE OPTICS INDUSTRY

- 2.1 Summary about Diffractive Optics Industry
- 2.2 Diffractive Optics Market Trends
  - 2.2.1 Diffractive Optics Production & Consumption Trends
  - 2.2.2 Diffractive Optics Demand Structure Trends
- 2.3 Diffractive Optics Cost & Price

## **3 MARKET DYNAMICS**

- 3.1 Manufacturing & Purchasing Behavior in 2020
- 3.2 Market Development under the Impact of COVID-19
  - 3.2.1 Drivers
  - 3.2.2 Restraints
  - 3.2.3 Opportunity
  - 3.2.4 Risk

# **4 GLOBAL MARKET SEGMENTATION**

- 4.1 Region Segmentation (2017 to 2021f)
  - 4.1.1 North America (U.S., Canada and Mexico)
  - 4.1.2 Europe (Germany, UK, France, Italy, Rest of Europe)
- 4.1.3 Asia-Pacific (China, India, Japan, South Korea, Southeast Asia, Australia, Rest of Asia Pacific)
  - 4.1.4 South America (Brazil, Argentina, Rest of Latin America)
- 4.1.5 Middle East and Africa (GCC, North Africa, South Africa, Rest of Middle East and Africa)
- 4.2 Product Type Segmentation (2017 to 2021f)



- 4.2.1 Beam Shaping / Top-Hat
- 4.2.2 Beam Splitting
- 4.2.3 Beam Foci
- 4.3 Consumption Segmentation (2017 to 2021f)
- 4.3.1 Laser Material Processing
- 4.3.2 Medical
- 4.3.3 Others

#### **5 NORTH AMERICA MARKET SEGMENT**

- 5.1 Region Segmentation (2017 to 2021f)
  - 5.1.1 U.S.
  - 5.1.2 Canada
  - 5.1.3 Mexico
- 5.2 Product Type Segmentation (2017 to 2021f)
  - 5.2.1 Beam Shaping / Top-Hat
  - 5.2.2 Beam Splitting
  - 5.2.3 Beam Foci
- 5.3 Consumption Segmentation (2017 to 2021f)
  - 5.3.1 Laser Material Processing
  - 5.3.2 Medical
  - 5.3.3 Others
- 5.4 Impact of COVID-19 in North America

## **6 EUROPE MARKET SEGMENTATION**

- 6.1 Region Segmentation (2017 to 2021f)
  - 6.1.1 Germany
  - 6.1.2 UK
  - 6.1.3 France
  - 6.1.4 Italy
  - 6.1.5 Rest of Europe
- 6.2 Product Type Segmentation (2017 to 2021f)
  - 6.2.1 Beam Shaping / Top-Hat
  - 6.2.2 Beam Splitting
  - 6.2.3 Beam Foci
- 6.3 Consumption Segmentation (2017 to 2021f)
  - 6.3.1 Laser Material Processing
  - 6.3.2 Medical



# 6.3.3 Others

# 6.4 Impact of COVID-19 in Europe

# 7 ASIA-PACIFIC MARKET SEGMENTATION

- 7.1 Region Segmentation (2017 to 2021f)
  - 7.1.1 China
  - 7.1.2 India
  - 7.1.3 Japan
  - 7.1.4 South Korea
  - 7.1.5 Southeast Asia
  - 7.1.6 Australia
  - 7.1.7 Rest of Asia Pacific
- 7.2 Product Type Segmentation (2017 to 2021f)
  - 7.2.1 Beam Shaping / Top-Hat
  - 7.2.2 Beam Splitting
  - 7.2.3 Beam Foci
- 7.3 Consumption Segmentation (2017 to 2021f)
  - 7.3.1 Laser Material Processing
  - 7.3.2 Medical
  - 7.3.3 Others
- 7.4 Impact of COVID-19 in Europe

# **8 SOUTH AMERICA MARKET SEGMENTATION**

- 8.1 Region Segmentation (2017 to 2021f)
  - 8.1.1 Brazil
  - 8.1.2 Argentina
  - 8.1.3 Rest of Latin America
- 8.2 Product Type Segmentation (2017 to 2021f)
  - 8.2.1 Beam Shaping / Top-Hat
  - 8.2.2 Beam Splitting
  - 8.2.3 Beam Foci
- 8.3 Consumption Segmentation (2017 to 2021f)
  - 8.3.1 Laser Material Processing
  - 8.3.2 Medical
  - 8.3.3 Others
- 8.4 Impact of COVID-19 in Europe



# 9 MIDDLE EAST AND AFRICA MARKET SEGMENTATION

- 9.1 Region Segmentation (2017 to 2021f)
  - 9.1.1 GCC
  - 9.1.2 North Africa
  - 9.1.3 South Africa
- 9.1.4 Rest of Middle East and Africa
- 9.2 Product Type Segmentation (2017 to 2021f)
  - 9.2.1 Beam Shaping / Top-Hat
  - 9.2.2 Beam Splitting
  - 9.2.3 Beam Foci
- 9.3 Consumption Segmentation (2017 to 2021f)
  - 9.3.1 Laser Material Processing
  - 9.3.2 Medical
  - 9.3.3 Others
- 9.4 Impact of COVID-19 in Europe

# 10 COMPETITION OF MAJOR PLAYERS

- 10.1 Brief Introduction of Major Players
  - 10.1.1 Jenoptik
  - 10.1.2 Holo/Or Ltd.
  - 10.1.3 HORIBA
  - 10.1.4 Newport Corporation
  - 10.1.5 Zeiss
  - 10.1.6 Shimadzu Corporation
  - 10.1.7 Edmund Optics
  - 10.1.8 Lightsmyth (Finisar)
  - 10.1.9 Optometrics (Dynasil)
  - 10.1.10 Kaiser Optical Systems
  - 10.1.11 SUSS MicroTec AG.
  - 10.1.12 Photop Technologies
  - 10.1.13 Wasatch Photonics
  - 10.1.14 Headwall Photonics
  - 10.1.15 Plymouth Grating Lab
  - 10.1.16 Spectrogon AB
  - 10.1.17 RPC Photonics
  - 10.1.18 SILIOS Technologies
  - 10.1.19 GratingWorks



- 10.2 Diffractive Optics Sales Date of Major Players (2017-2020e)
  - 10.2.1 Jenoptik
  - 10.2.2 Holo/Or Ltd.
  - 10.2.3 HORIBA
  - 10.2.4 Newport Corporation
  - 10.2.5 Zeiss
  - 10.2.6 Shimadzu Corporation
  - 10.2.7 Edmund Optics
  - 10.2.8 Lightsmyth (Finisar)
  - 10.2.9 Optometrics (Dynasil)
  - 10.2.10 Kaiser Optical Systems
  - 10.2.11 SUSS MicroTec AG.
- 10.2.12 Photop Technologies
- 10.2.13 Wasatch Photonics
- 10.2.14 Headwall Photonics
- 10.2.15 Plymouth Grating Lab
- 10.2.16 Spectrogon AB
- 10.2.17 RPC Photonics
- 10.2.18 SILIOS Technologies
- 10.2.19 GratingWorks
- 10.3 Market Distribution of Major Players
- 10.4 Global Competition Segmentation

#### 11 MARKET FORECAST

- 11.1 Forecast by Region
- 11.2 Forecast by Demand
- 11.3 Environment Forecast
  - 11.3.1 Impact of COVID-19
  - 11.3.2 Geopolitics Overview
  - 11.3.3 Economic Overview of Major Countries

# 12 REPORT SUMMARY STATEMENT



# **List Of Tables**

#### LIST OF TABLES

- 1. Table Diffractive Optics Product Type Overview
- 2. Table Diffractive Optics Product Type Market Share List
- 3. Table Diffractive Optics Product Type of Major Players
- 4. Table Brief Introduction of Jenoptik
- 5. Table Brief Introduction of Holo/Or Ltd.
- 6. Table Brief Introduction of HORIBA
- 7. Table Brief Introduction of Newport Corporation
- 8. Table Brief Introduction of Zeiss
- 9. Table Brief Introduction of Shimadzu Corporation
- 10. Table Brief Introduction of Edmund Optics
- 11. Table Brief Introduction of Lightsmyth (Finisar)
- 12. Table Brief Introduction of Optometrics (Dynasil)
- 13. Table Brief Introduction of Kaiser Optical Systems
- 14. Table Brief Introduction of SUSS MicroTec AG.
- 15. Table Brief Introduction of Photop Technologies
- 16. Table Brief Introduction of Wasatch Photonics
- 17. Table Brief Introduction of Headwall Photonics
- 18. Table Brief Introduction of Plymouth Grating Lab
- 19. Table Brief Introduction of Spectrogon AB
- 20. Table Brief Introduction of RPC Photonics
- 21. Table Brief Introduction of SILIOS Technologies
- 22. Table Brief Introduction of GratingWorks
- 23. Table Products & Services of Jenoptik
- 24. Table Products & Services of Holo/Or Ltd.
- 25. Table Products & Services of HORIBA
- 26. Table Products & Services of Newport Corporation
- 27. Table Products & Services of Zeiss
- 28. Table Products & Services of Shimadzu Corporation
- 29. Table Products & Services of Edmund Optics
- 30. Table Products & Services of Lightsmyth (Finisar)
- 31. Table Products & Services of Optometrics (Dynasil)
- 32. Table Products & Services of Kaiser Optical Systems
- 33. Table Products & Services of SUSS MicroTec AG.
- 34. Table Products & Services of Photop Technologies
- 35. Table Products & Services of Wasatch Photonics
- 36. Table Products & Services of Headwall Photonics



- 37. Table Products & Services of Plymouth Grating Lab
- 38. Table Products & Services of Spectrogon AB
- 39. Table Products & Services of RPC Photonics
- 40. Table Products & Services of SILIOS Technologies
- 41. Table Products & Services of GratingWorks
- 42. Table Market Distribution of Major Players
- 43. Table Global Major Players Sales Revenue (Million USD) 2017-2020e
- 44. Table Global Major Players Sales Revenue (Million USD) Share 2017-2020e
- 45. Table Global Diffractive Optics Market Forecast (Million USD) by Region 2021f-2026f
- 46. Table Global Diffractive Optics Market Forecast (Million USD) Share by Region 2021f-2026f
- 47. Table Global Diffractive Optics Market Forecast (Million USD) by Demand 2021f-2026f
- 48. Table Global Diffractive Optics Market Forecast (Million USD) Share by Demand 2021f-2026f



# **List Of Figures**

# LIST OF FIGURES

- 1. Figure Global Diffractive Optics Market Size under the Impact of COVID-19, 2017-2021f (USD Million)
- 2. Figure Global Diffractive Optics Market by Region under the Impact of COVID-19, 2017-2021f (USD Million)
- 3. Figure Global Diffractive Optics Market by Product Type under the Impact of COVID-19, 2017-2021f (USD Million)
- 4. Figure Global Diffractive Optics Market by Demand under the Impact of COVID-19, 2017-2021f (USD Million)
- 5. Figure Global Diffractive Optics Production by Region under the Impact of COVID-19, 2021-2026 (USD Million)
- 6. Figure Global Diffractive Optics Consumption by Region under the Impact of COVID-19, 2021-2026 (USD Million)
- 7. Figure Global Diffractive Optics Consumption by Type under the Impact of COVID-19, 2021-2026 (USD Million)
- 8. Figure North America Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 9. Figure Europe Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 10.Figure Asia-Pacific Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 11.Figure South America Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 12. Figure Middle East and Africa Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 13. Figure Beam Shaping / Top-Hat Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 14. Figure Beam Splitting Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 15. Figure Beam Foci Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 16. Figure Laser Material Processing Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 17. Figure Medical Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 18.Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f



- 19.Figure U.S. Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 20.Figure Canada Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 21.Figure Mexico Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 22. Figure Beam Shaping / Top-Hat Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 23. Figure Beam Splitting Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 24. Figure Beam Foci Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 25. Figure Laser Material Processing Segmentation Market Size (USD Million)
- 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 26. Figure Medical Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 27. Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 28.Figure Germany Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 29. Figure UK Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 30.Figure France Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 31. Figure Italy Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 32. Figure Rest of Europe Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 33. Figure Beam Shaping / Top-Hat Segmentation Market Size (USD Million)
- 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 34. Figure Beam Splitting Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 35. Figure Beam Foci Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 36. Figure Laser Material Processing Segmentation Market Size (USD Million)
- 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 37. Figure Medical Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 38. Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-



- year (YOY) Growth (%) 2018-2021f
- 39. Figure China Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 40.Figure India Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 41.Figure Japan Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 42. Figure South Korea Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 43. Figure Southeast Asia Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 44. Figure Australia Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 45. Figure Rest of Asia Pacific Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 46. Figure Beam Shaping / Top-Hat Segmentation Market Size (USD Million)
- 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 47. Figure Beam Splitting Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 48. Figure Beam Foci Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 49. Figure Laser Material Processing Segmentation Market Size (USD Million)
- 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 50. Figure Medical Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 51. Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 52. Figure Brazil Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 53. Figure Argentina Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 54. Figure Rest of Latin America Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 55. Figure Beam Shaping / Top-Hat Segmentation Market Size (USD Million)
- 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 56. Figure Beam Splitting Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 57. Figure Beam Foci Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f



- 58. Figure Laser Material Processing Segmentation Market Size (USD Million)
- 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 59. Figure Medical Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 60. Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 61.Figure GCC Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 62. Figure North Africa Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 63. Figure South Africa Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 64. Figure Rest of Middle East and Africa Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 65. Figure Beam Shaping / Top-Hat Segmentation Market Size (USD Million)
- 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 66. Figure Beam Splitting Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 67. Figure Beam Foci Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 68. Figure Laser Material Processing Segmentation Market Size (USD Million)
- 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 69. Figure Medical Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 70. Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 71. Figure Diffractive Optics Sales Revenue (Million USD) of Jenoptik 2017-2020e
- 72. Figure Diffractive Optics Sales Revenue (Million USD) of Holo/Or Ltd. 2017-2020e
- 73. Figure Diffractive Optics Sales Revenue (Million USD) of HORIBA 2017-2020e
- 74. Figure Diffractive Optics Sales Revenue (Million USD) of Newport Corporation 2017-2020e
- 75. Figure Diffractive Optics Sales Revenue (Million USD) of Zeiss 2017-2020e 76. Figure Diffractive Optics Sales Revenue (



# I would like to order

Product name: Diffractive Optics Market Status and Trend Analysis 2017-2026 (COVID-19 Version)

Product link: https://marketpublishers.com/r/D31361C5B714EN.html

Price: US\$ 2,800.00 (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 <a href="https://marketpublishers.com/r/D31361C5B714EN.html">https://marketpublishers.com/r/D31361C5B714EN.html</a>

To pay by Wire Transfer, please, fill in your contact details in the form below:

riist name.	
Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970