

Diffraction Optical Elements (DOE) Market Status and Trend Analysis 2017-2026 (COVID-19 Version)

<https://marketpublishers.com/r/DDB00DCC80BCEN.html>

Date: November 2020

Pages: 125

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

ID: DDB00DCC80BCEN

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 Diffraction Optical Elements (DOE) 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 Diffraction Optical Elements (DOE) market segmented into

Laser Material Processing

Beam Splitting

Beam Foci

Based on the end-use, the global Diffractive Optical Elements (DOE) market classified into

Laser Material Processing

Medical

Others

Based on geography, the global Diffractive Optical Elements (DOE) 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 OPTICAL ELEMENTS (DOE) INDUSTRY

- 2.1 Summary about Diffractive Optical Elements (DOE) Industry
- 2.2 Diffractive Optical Elements (DOE) Market Trends
 - 2.2.1 Diffractive Optical Elements (DOE) Production & Consumption Trends
 - 2.2.2 Diffractive Optical Elements (DOE) Demand Structure Trends
- 2.3 Diffractive Optical Elements (DOE) 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 Optical Elements (DOE) Sales Data 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 Optical Elements (DOE) Product Type Overview
2. Table Diffractive Optical Elements (DOE) Product Type Market Share List
3. Table Diffractive Optical Elements (DOE) 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 Optical Elements (DOE) Market Forecast (Million USD) by Region 2021f-2026f
- 46. Table Global Diffractive Optical Elements (DOE) Market Forecast (Million USD) Share by Region 2021f-2026f
- 47. Table Global Diffractive Optical Elements (DOE) Market Forecast (Million USD) by Demand 2021f-2026f
- 48. Table Global Diffractive Optical Elements (DOE) Market Forecast (Million USD) Share by Demand 2021f-2026f

List Of Figures

LIST OF FIGURES

1. Figure Global Diffractive Optical Elements (DOE) Market Size under the Impact of COVID-19, 2017-2021f (USD Million)
2. Figure Global Diffractive Optical Elements (DOE) Market by Region under the Impact of COVID-19, 2017-2021f (USD Million)
3. Figure Global Diffractive Optical Elements (DOE) Market by Product Type under the Impact of COVID-19, 2017-2021f (USD Million)
4. Figure Global Diffractive Optical Elements (DOE) Market by Demand under the Impact of COVID-19, 2017-2021f (USD Million)
5. Figure Global Diffractive Optical Elements (DOE) Production by Region under the Impact of COVID-19, 2021-2026 (USD Million)
6. Figure Global Diffractive Optical Elements (DOE) Consumption by Region under the Impact of COVID-19, 2021-2026 (USD Million)
7. Figure Global Diffractive Optical Elements (DOE) 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 Optical Elements (DOE) Sales Revenue (Million USD) of Jenoptik 2017-2020e
- 72. Figure Diffractive Optical Elements (DOE) Sales Revenue (Million USD) of Holo/Or Ltd. 2017-2020e
- 73. Figure Diffractive Optical Elements (DOE) Sales Revenue (Million USD) of HORIBA 2017-2020e
- 74. Figure Diffractive Optical Elements (DOE) S

I would like to order

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

Product link: <https://marketpublishers.com/r/DDB00DCC80BCEN.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 <https://marketpublishers.com/r/DDB00DCC80BCEN.html>

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

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

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

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

