

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Diffractive Optical Elements Market 2018, Forecast to 2023

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Abstracts

This report studies the Diffractive Optical Elements market, Diffractive optical elements, DOEs, were designed for applications with lasers and high-power lasers. Used as multi-spot beam splitters, in beam shaping, and beam profile modification, such elements offer endless possibilities in different application fields.

Diffractive optical element uses a thin micro structure pattern to alter the phase of the light propagated through it. When a laser beam is transmitted through a diffractive optical element (DOE), it can be transformed into an almost arbitrary light pattern in the observation plane.

Scope of the Report

This report focuses on the Diffractive Optical Elements in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. Currently, there are many producing companies in the world. The main market players are Jenoptik, Holo/Or Ltd., HORIBA, Newport Corporation, Zeiss, Shimadzu Corporation, Edmund Optics, Lightsmyth (Finisar), Optometrics (Dynasil), Kaiser Optical Systems and so on.

USA is the largest consumption regions of Diffractive Optical Element, with a revenue market share nearly 35.21% in 2016.

The second place is Europe; following USA with the revenue market share over 22.89% in 2016.

The worldwide market for Diffractive Optical Elements is expected to grow at a CAGR of roughly 4.5% over the next five years, will reach 680 million US\$ in 2023, from 520 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

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

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Beam Shaping / Top-Hat

Beam Splitting

Beam Foci

Market Segment by Applications, can be divided into

Laser Material Processing

Medical

Other

There are 15 Chapters to deeply display the global Diffractive Optical Elements market.

Chapter 1, to describe Diffractive Optical Elements Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Diffractive Optical Elements, with sales, revenue, and price of Diffractive Optical Elements, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Diffractive Optical Elements, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Diffractive Optical Elements market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Diffractive Optical Elements sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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