

# Global Plane Holographic Grating Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global Plane Holographic Grating market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

A plane holographic grating is usually made of transparent materials, and the surface is engraved with regular grooves or protrusions. The diffraction effect of different wavelengths of light on the grating causes them to spread out at different angles, forming a spectrum. Therefore, planar holographic gratings can be used to separate different wavelengths of light for spectral analysis and measurement.

A plane holographic grating is an optical element used to disperse an incident light beam into different wavelengths or spectra. It is a structure with periodic refractive index changes fabricated on a planar surface that can disperse light through interference effects.

This report studies the global Plane Holographic Grating production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Plane Holographic Grating, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Plane Holographic Grating that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Plane Holographic Grating total production and demand, 2018-2029, (Units)

Global Plane Holographic Grating total production value, 2018-2029, (USD Million)

Global Plane Holographic Grating production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Plane Holographic Grating consumption by region & country, CAGR, 2018-2029 & (Units)

U.S. VS China: Plane Holographic Grating domestic production, consumption, key domestic manufacturers and share

Global Plane Holographic Grating production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Units)

Global Plane Holographic Grating production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Plane Holographic Grating production by Application production, value, CAGR, 2018-2029, (USD Million) & (Units).

This reports profiles key players in the global Plane Holographic Grating 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, Shimadzu, Newport, Spectrum Scientific, Acal BFi, Thorlabs, Edmund Optics, Optometrics and Carl Zeiss AG, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Plane Holographic Grating market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by

year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

#### Global Plane Holographic Grating Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Plane Holographic Grating Market, Segmentation by Type

Sinusoidal Groove Profile

Shine Groove Profile

#### Global Plane Holographic Grating Market, Segmentation by Application

Semiconductor

Aerospace

Communication

Others

## Companies Profiled:

HORIBA

Shimadzu

Newport

Spectrum Scientific

Acal BFi

Thorlabs

Edmund Optics

Optometrics

Carl Zeiss AG

Spectrogon

OPCO Laboratory

Headwall Photonics

Wasatch Photonics

Shenyang Ebetter Optics

CTL Photonics

## Key Questions Answered

1. How big is the global Plane Holographic Grating market?
2. What is the demand of the global Plane Holographic Grating market?

3. What is the year over year growth of the global Plane Holographic Grating market?
4. What is the production and production value of the global Plane Holographic Grating market?
5. Who are the key producers in the global Plane Holographic Grating market?
6. What are the growth factors driving the market demand?

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