

VPH (Volume Phase Holographic) Grating Market, Global Outlook and Forecast 2022-2028

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Abstracts

VPH Grating, AKA Gel Grating, is coated with dichromated gelatin under optical glass. Two beams of coherent plane wave or spherical wave are irradiated onto the recording material at a certain angle. The recording material records the interference fringe, and the grating is processed after development. The refractive index distribution of the sinusoidal waveform corresponding to the intensity of the interference fringes is formed on the recording material, thus VPH is obtained.

This report contains market size and forecasts of VPH (Volume Phase Holographic) Grating in global, including the following market information:

Global VPH (Volume Phase Holographic) Grating Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global VPH (Volume Phase Holographic) Grating Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five VPH (Volume Phase Holographic) Grating companies in 2021 (%)

The global VPH (Volume Phase Holographic) Grating market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Enhanced-Volume Phase Holographic Gratings Segment to Reach \$ Million by 2028,

with a % CAGR in next six years.

The global key manufacturers of VPH (Volume Phase Holographic) Grating include Wasatch Photonics, Kaiser Optical Systems, HORIBA Scientific, Holographix, Photon Mission, Aunion, Sphereoptics and ThorLabs, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the VPH (Volume Phase Holographic) Grating manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global VPH (Volume Phase Holographic) Grating Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global VPH (Volume Phase Holographic) Grating Market Segment Percentages, by Type, 2021 (%)

Enhanced-Volume Phase Holographic Gratings

HOEs

Global VPH (Volume Phase Holographic) Grating Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global VPH (Volume Phase Holographic) Grating Market Segment Percentages, by Application, 2021 (%)

Spectrometer

Pulse Compression/Stretching

Astronomy

OCT Imaging

Global VPH (Volume Phase Holographic) Grating Market, By Region and Country,
2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global VPH (Volume Phase Holographic) Grating Market Segment Percentages, By
Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies VPH (Volume Phase Holographic) Grating revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies VPH (Volume Phase Holographic) Grating revenues share in global market, 2021 (%)

Key companies VPH (Volume Phase Holographic) Grating sales in global market, 2017-2022 (Estimated), (K Units)

Key companies VPH (Volume Phase Holographic) Grating sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Wasatch Photonics

Kaiser Optical Systems

HORIBA Scientific

Holographix

Photon Mission

Aunion

Sphereoptics

ThorLabs

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