

Electrically Tunable-Focusing Lenses (ETFL) Market, Global Outlook and Forecast 2022-2028

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Abstracts

The principle of the electric zoom focusing lens is based on the optical feedback to change the shape (curvature) of the focusing lens through current, thereby changing its focal length. It supports 2.5D and 3D laser processing functions. It is the best choice for laser processing systems to achieve fast Z-axis dimming control.

This report contains market size and forecasts of Electrically Tunable-Focusing Lenses (ETFL) in global, including the following market information:

Global Electrically Tunable-Focusing Lenses (ETFL) Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Electrically Tunable-Focusing Lenses (ETFL) Market Sales, 2017-2022, 2023-2028, (K Pieces)

Global top five Electrically Tunable-Focusing Lenses (ETFL) companies in 2021 (%)

The global Electrically Tunable-Focusing Lenses (ETFL) 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.

Flat Convex Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Electrically Tunable-Focusing Lenses (ETFL) include

Optotune, Himax Technologies, Inc., Diffratec, Sintec Optronics Pte Ltd, Applied Scientific Instrumentation and C.F. Technology(Beijing) Co., Ltd., etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Electrically Tunable-Focusing Lenses (ETFL) 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 Electrically Tunable-Focusing Lenses (ETFL) Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Pieces)

Global Electrically Tunable-Focusing Lenses (ETFL) Market Segment Percentages, by Type, 2021 (%)

Flat Convex

Flat Concave

Global Electrically Tunable-Focusing Lenses (ETFL) Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Pieces)

Global Electrically Tunable-Focusing Lenses (ETFL) Market Segment Percentages, by Application, 2021 (%)

Microscope Observation

Atomic Trap

Optical Correlation Tomography

Laser Show

Machine Vision

3D Printing

Laser Marking

Global Electrically Tunable-Focusing Lenses (ETFL) Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Pieces)

Global Electrically Tunable-Focusing Lenses (ETFL) 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 Electrically Tunable-Focusing Lenses (ETFL) revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Electrically Tunable-Focusing Lenses (ETFL) revenues share in global market, 2021 (%)

Key companies Electrically Tunable-Focusing Lenses (ETFL) sales in global market, 2017-2022 (Estimated), (K Pieces)

Key companies Electrically Tunable-Focusing Lenses (ETFL) sales share in global market, 2021 (%)

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

Optotune

Himax Technologies, Inc.

Diffratec

Sintec Optronics Pte Ltd

Applied Scientific Instrumentation

C.F. Technology(Beijing) Co., Ltd.

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