

# Global External Cavity Semiconductor Laser Supply, Demand and Key Producers, 2023-2029

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## Abstracts

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

External cavity laser refers to a laser with a resonator mode formed by placing a grating outside the cavity formed by the front and rear end faces of the laser diode. The output laser linewidth is selected and narrowed by the external cavity feedback method of the grating etalon, which has the characteristics of frequency stability, small size, long life, and can be applied in atomic physics, quantum information and sensing, spectral analysis, precision measurement and other fields.

This report studies the global External Cavity Semiconductor Laser production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for External Cavity Semiconductor Laser, 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 External Cavity Semiconductor Laser that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global External Cavity Semiconductor Laser total production and demand, 2018-2029, (K Units)

Global External Cavity Semiconductor Laser total production value, 2018-2029, (USD

Million)

Global External Cavity Semiconductor Laser production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global External Cavity Semiconductor Laser consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: External Cavity Semiconductor Laser domestic production, consumption, key domestic manufacturers and share

Global External Cavity Semiconductor Laser production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global External Cavity Semiconductor Laser production by Continuous Frequency Tuning Range, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global External Cavity Semiconductor Laser production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global External Cavity Semiconductor Laser 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 MOG Laboratories Pty Ltd, Optoprim Germany GmbH, Nano-Giga, Eagleyard Photonics GmbH, Redfern Integrated Optics Inc, Thorlabs, New Focus, AMS Technologies AG and GMP SA, B?ro Z?rich, 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 External Cavity Semiconductor Laser market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Continuous Frequency Tuning Range, 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 External Cavity Semiconductor Laser Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global External Cavity Semiconductor Laser Market, Segmentation by Continuous Frequency Tuning Range

10-20GHz

20-30GHz

30-40GHz

Other

#### Global External Cavity Semiconductor Laser Market, Segmentation by Application

Optical Communication and Storage

Industrial Manufacturing

Scientific Research and Teaching

Military

Other

Companies Profiled:

MOG Laboratories Pty Ltd

Optoprim Germany GmbH

Nano-Giga

Eagleyard Photonics GmbH

Redfern Integrated Optics Inc

Thorlabs

New Focus

AMS Technologies AG

GMP SA, Büro Zürich

Sacher Lasertechnik

Mountain Photonics GmbH

Kokyo, Inc.

TOPTICA Photonics AG

Power Technology Inc.

Vescent Photonics

Von Gegerfelt Photonics

Axsun Technologies

ELUXI Ltd.

Shanghai Precilasers

Beijing Uniquanta

### Key Questions Answered

1. How big is the global External Cavity Semiconductor Laser market?
2. What is the demand of the global External Cavity Semiconductor Laser market?
3. What is the year over year growth of the global External Cavity Semiconductor Laser market?
4. What is the production and production value of the global External Cavity Semiconductor Laser market?
5. Who are the key producers in the global External Cavity Semiconductor Laser market?
6. What are the growth factors driving the market demand?

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