

# Global External Cavity Semiconductor Laser Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/GCFEA3E98C4FEN.html>

Date: February 2023

Pages: 127

Price: US\$ 3,480.00 (Single User License)

ID: GCFEA3E98C4FEN

## Abstracts

According to our (Global Info Research) latest study, the global External Cavity Semiconductor Laser market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

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 is a detailed and comprehensive analysis for global External Cavity Semiconductor Laser market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Continuous Frequency Tuning Range and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

Key Features:

Global External Cavity Semiconductor Laser market size and forecasts, in consumption

value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global External Cavity Semiconductor Laser market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global External Cavity Semiconductor Laser market size and forecasts, by Continuous Frequency Tuning Range and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global External Cavity Semiconductor Laser market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for External Cavity Semiconductor Laser

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report 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, Optoprime Germany GmbH, Nano-Giga, Eagleyard Photonics GmbH and Redfern Integrated Optics Inc, etc.

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

Market Segmentation

External Cavity Semiconductor Laser market is split by Continuous Frequency Tuning Range and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Continuous

Frequency Tuning Range, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

#### Market segment by Continuous Frequency Tuning Range

10-20GHz

20-30GHz

30-40GHz

Other

#### Market segment by Application

Optical Communication and Storage

Industrial Manufacturing

Scientific Research and Teaching

Military

Other

#### Major players covered

MOG Laboratories Pty Ltd

Optoprim Germany GmbH

Nano-Giga

Eagleyard Photonics GmbH

Redfern Integrated Optics Inc

Thorlabs

New Focus

AMS Technologies AG

GMP SA, B?ro Z?rich

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

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

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

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe External Cavity Semiconductor Laser product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of External Cavity Semiconductor Laser, with price, sales, revenue and global market share of External Cavity Semiconductor Laser from 2018 to 2023.

Chapter 3, the External Cavity Semiconductor Laser competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the External Cavity Semiconductor Laser breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Continuous Frequency Tuning Range and application, with sales market share and growth rate by continuous frequency tuning range, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and External Cavity Semiconductor Laser market forecast, by regions, continuous frequency tuning range and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of External Cavity Semiconductor Laser.

Chapter 14 and 15, to describe External Cavity Semiconductor Laser sales channel, distributors, customers, research findings and conclusion.

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