

Medical Lasers Market Report by Type (Surgical, Cosmetic, Dental, and Others), Product Type (Solid-State Laser Systems, Gas Laser Systems, Dye Lasers Systems, Diode Laser Systems), Application (Ophthalmology, Dermatology, Gynecology, Dentistry, Urology, Cardiovascular, and Others), End User (Hospitals, Specialty Clinics, Ambulatory Surgical Centers), and Region 2024-2032

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Abstracts

The global medical lasers market size reached US\$ 4.6 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 10.4 Billion by 2032, exhibiting a growth rate (CAGR) of 9.3% during 2024-2032.

Medical lasers are devices used to treat or remove tissues through precisely focused light sources. They rely on non-ionizing radiation to reduce blood loss, decrease postoperative discomfort and minimize the chances of wound infection. They aid in cancer therapy, bio-sensing, bio-imaging, drug delivery, and diagnostics of cancer cells. They also assist in cosmetic surgery to remove tattoos, scars, stretch marks, sunspots, wrinkles, birthmarks, and spider veins or hair. Apart from this, they help in tumor and cataract removal, breast surgery, plastic surgery, and other surgical procedures. As a result, they find extensive applications in hospitals, specialty clinics, and ambulatory surgical centers.

Medical Lasers Market Trends:

Due to the increasing adoption of minimally and non-invasive procedures to enhance clinical outcomes, there is a rise in the demand for medical lasers. This, along with the

growing awareness among individuals about aesthetic procedures, such as acne prevention, body contouring, and dermal resurfacing, represents one of the key factors driving the market. Moreover, there is an increase in the utilization of medical lasers due to less pain, minimal incisions, and faster recovery across the globe. This, coupled with technological advancements in laser-assisted devices that support advance treatments in healthcare facilities with reduced risk of post-procedural complications, is propelling the growth of the market. Additionally, several initiatives undertaken by healthcare organizations to promote medical tourism are offering lucrative growth opportunities to industry investors. Besides this, key market players are extensively investing in research and development (R&D) activities to introduce a new low-level green laser for body fat reduction. Furthermore, the burgeoning healthcare industry is positively influencing the market. Other growth-inducing factors are the rising geriatric population, increasing prevalence of eye disorders, and the growing disposable incomes.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global medical lasers market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on type, product type, application and end user.

Breakup by Type:

- Surgical
- Cosmetic
- Dental
- Others

Breakup by Product Type:

- Solid-State Laser Systems
 - Holmium Yttrium Aluminum Garnet Laser (Ho:Yag) Systems
 - Erbium Yttrium Aluminum Garnet Laser (Er:Yag) Systems
 - Neodymium Yttrium Aluminum Garnet Laser (Nd:Yag) Systems
 - Potassium Titanyl Phosphate Laser Systems
 - Alexandrite Laser Systems
 - Ruby Laser Systems
 - Gas Laser Systems
 - CO2 Laser Systems

Argon Laser Systems
Krypton Laser Systems
Metal Vapor (Copper and Gold) Laser Systems
Helium-Neon (He-Ne) Laser Systems
Excimer Laser Systems
Dye Lasers Systems
Diode Laser Systems

Breakup by Application:

Ophthalmology
Dermatology
Gynecology
Dentistry
Urology
Cardiovascular
Others

Breakup by End User:

Hospitals
Specialty Clinics
Ambulatory Surgical Centers

Breakup by Region:

North America
United States
Canada
Asia-Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany

France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Artivion Inc., Bausch Health Companies Inc., BIOLASE Inc., Boston Scientific Corporation, Cutera Inc., Ellex Medical Lasers (Lumibird Medical), IRIDEX Corporation, Koninklijke Philips N.V., Lumenis Ltd., Novartis AG, PhotoMedex Inc. and Syneron Medical Ltd.

Key Questions Answered in This Report:

How has the global medical lasers market performed so far and how will it perform in the coming years?
What has been the impact of COVID-19 on the global medical lasers market?
What are the key regional markets?
What is the breakup of the market based on the type?
What is the breakup of the market based on the product type?
What is the breakup of the market based on the application?
What is the breakup of the market based on the end user?
What are the various stages in the value chain of the industry?
What are the key driving factors and challenges in the industry?
What is the structure of the global medical lasers market and who are the key players?
What is the degree of competition in the industry?

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