

Global CO2 Medical Laser System Market Size study & Forecast, by Application (Dermatology, Ophthalmology, Gynecology, Urology, Dentistry and Others) by End use (Hospitals, Outpatient Facilities and Research & Manufacturing), and Regional Analysis, 2022-2029

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Abstracts

Global CO2 Medical Laser System Market is valued approximately at USD 454.55 million in 2021 and is anticipated to grow with a healthy growth rate of more than 10.0% over the forecast period 2022-2029. A carbon dioxide laser is a device that uses nitrogen (N₂), helium, and carbon dioxide as the gain medium (He). To a certain extent, it also makes use of hydrogen (H₂), water vapour, oxygen, and/or xenon (Xe) to enhance the laser's ability to apply light through the production of stimulated radiation. An electrical gas discharge is used to electrically pump the laser. These medical devices in being used to treat various skin conditions such as such as acne scars, fine lines and wrinkles, or skin aging. Technology improvements, growing use of laser treatments for cosmetic operations, high demand for tattoo removal, strategic initiatives by key companies, and growing use of laser systems by veterinary care providers are all contributing to the rise in demand for CO2 medical laser systems.

Rising number of cosmetics surgeries performed is catering the market growth. The International Association of Aesthetic Plastic Surgery states that 22.4 million surgical operations were carried out in the United States in 2021. The International Society of Aesthetic Plastic Surgery estimates that there will be 7,500 plastic surgeons in the United States in 2021, or 17.0% of all surgeons. Along with these, The Indian Ministry of Tourism predicts that in 2020, there would be about 186,644 FTAs (foreign tourists arriving) for medical purposes, or 7% of all FTAs. Demand for CO2 medical laser

systems is rising as chronic diseases including diabetes, cancer, and heart disease become more common. In addition, increasing demand for CO2 medical laser systems in veterinary field and rising medical tourism is creating a lucrative growth to the market. However, high cost of CO2 medical laser system and alternative treatments with quicker recovery time may hamper the market growth.

The key regions considered for the Global CO2 Medical Laser System Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the market in terms of revenue, owing to rise in number of cosmetic surgeries performed, presence of well-established healthcare infrastructure, favorable reimbursement and regulatory policies in the region. Whereas Asia Pacific is expected to grow with a highest CAGR during the forecast period, owing to factors such as rising target populations, an increase in the number of collaborations for product development, geographic expansion of key players, and active participation of government and nonprofit organizations in the market space and rising medical tourism in the region.

Major market player included in this report are:

Lightscalpel

Limmer Laser GmbH

Lumenis Be Ltd (Boston Scientific Corporation)

Herdeks

Alma Lasers

Bison Medical

Deka MELA Srl

Unionmedical Co., Ltd

Cutting Edge

Candela Medical

Recent Developments in the Market:

In May 2021, Alma Lasers introduced Alma PrimeX, a minimally invasive platform for body shaping and skin tightening.

In January 2021, Candela announced the launch of the Frax Pro System. This system uses the Frax 1550 and Frax 1940 applicators to provide dual-depth skin resurfacing.

Global CO2 Medical Laser System Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Application, End use, , Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Application:

Dermatology

Ophthalmology

Gynecology

Urology

Dentistry

Others

By End Use:

Hospitals

Outpatient Facilities

Research & Manufacturing

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain
Italy
ROE
Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
RoLA
Rest of the World

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