Diode Laser Market is anticipated to hit $6.98 billion by 2023 at a CAGR of 5.44%

The American region holds the largest market share and growth in the Diode Laser Market and is anticipated to reach $645.60 billion by 2023 at a CAGR of 2.49%.

Diode Laser Market

HYDERABAD, TELANGANA, INDIA, June 6, 2018 /EINPresswire.com/ -- According to the new market research report by IndustryARC titled “Diode Laser Market: By Type of Lasers (Double Hetero structure, Quantum Well, Quantum Cascade, Distributed Feedback, Separate Confinement Hetero Structure, VCSEL(Vertical Cavity Surface Emitting Laser), VECSEL(Vertical External Cavity Surface Emitting Laser), External Cavity Diode, Wave Length Beam Combined Lasers) By Emission Spectrum (Infrared, Red, Blue, Blue Violet, Green & Others) Doping Material (InGaN, GaN, AlGaInP, GaAlAs, Others); By Industry; By Geography -(2012-2018)”, the market is driven by the emergence of new market opportunities, reduction in product ASPs, and innovative and power efficient product launches from companies.

Americas held the largest market share in the Diode Laser Market
The American region holds the largest market share and growth in the Diode Laser Market and is anticipated to reach $645.60 billion by 2023 at a CAGR of 2.49%. However, APAC witnesses highest growth during the forecast period and is expected to reach $697.30 million by 2023 at a CAGR of 4.63%. Diode Laser Market is mainly driven by the demand for infrared diode lasers, which is on the rise due their low cost, and low power requirement, and this is driving different types of vendors to move into the market. The key industry verticals include Consumer Electronics, Medical, Automotive, Healthcare, and Defense.

Selected Value Chain Analysis done in the full report

The value chain of a laser diode module consists of the following primary activities:
Purchase of Semiconductor materials and insulation material for temperature control components from Suppliers.
Purchase/Manufacture of Cavity Mirrors.
Assembly of semiconductor and/or mirrors into Laser Light generating system.
Addition of temperature controlling components to the assembled structure.
Mounting the aggregated structure onto a suitable mount as per the requirements of the user.
Assembling the laser diode with auxiliary components to form a diode laser module.
Shipping costs to the distributor/consumer.
Customer Service (including product recalls, if any).
Marketing and Advertisement.
Of these primary activities, majority of the value is added in the procurement of materials from suppliers as the market for semiconductors is concentrated largely in South Korea, and the majority of the Copper material required for Heat Sink purposes is shipped from Russia and Chile.
Apart from these primary activities, a lot of other secondary activities also add indirect value to the Laser diode product. These activities include:

Accounting and Finance
Systems Support
Legal
Environmental
Safety Equipment and Services
Human Resources
Research and Development

To browse the table of contents of the report follow the link below:
https://industryarc.com/Report/29/global-diode-lasers-market-research-report.html

Excerpts on Market Growth Factors
It has been stated by Kiyomi Monro, CEO, Bio photonic Solutions, that photons are the new 'fuel' of the 21st century. This is because of proven effectiveness of photonics in improving efficiency in the field of material processing, increased use in medical science and lighting a communications infrastructure that's already leading to a transformative virtualization of our society.

Doping material is one prime segmentation in which InGaN is anticipated to reach $4.2 billion by 2019 at a CAGR of 4.76%.
HPDDLs are physically compact and lightweight, compared to most other industrial lasers, therefore making their integration cost very low.
The global diode laser market has been highly volatile since the past decade with flat growth, revenue dips and growths seen by the industry players.
The growth prospects of new and emerging product segments like high-powered direct diode lasers, green diode lasers and others will be the significant growth drivers for this market.
Other factors such as emergence of new market opportunities, reduction in product ASPs, innovative and power efficient product launches from companies gave the needed impetus to the diode laser market.
The high growth rate of smartphones will also contribute to the thermoplastic welding industry and hence, indirectly to the diode lasers market.

Talk to one of our sales representative about the full report by providing your details in the below link:
https://industryarc.com/support.php?id=29

Key players of Diode Laser Market:
OSRAM is the top company followed by Coherent and Newport. Osram is all set to develop Laser light source for the BMW i8 series. BMW i8 series is the first vehicle in the world with laser light.
Other key players in Diode Laser Market include: Oclaro Inc, Osram opto semiconductor Gmbh, Nichia Corporation, TRUMPF, Dilas, Sumitomo Electric Industries Limited, CVI Melles Griot, Cymer, Inc., GSI Group, Inc., IPG Photonics Corporation, JDS Uniphase Corporation, Rofin-Sinar Technologies, Inc., and Trumpf Gmbh

Diode Laser Market Report is segmented as indicated below
Diode Laser Market By Type:
1.Double Hetero Structure Lasers
2.Quantum Well Lasers
3.Quantum Cascade Lasers
4.Distributed Feedback Lasers
5.Separate Confinement Hetero Structure (SCH) Lasers
6.VCSEL
7.VECSEL
Diode Laser Market By Doping Material
1.InGaN
2.GaN

3.AlGaInP
4.GaAlAs
5.InGaAs
6.InGaAsP
7.GaInAsSb
8.Others
Diode Laser Market By Industry Verticals
Diode Laser Market By Industry
1.Industrial
2.Consumer Electronics
3.Medical
4.Automotive
5.Healthcare
6.Defense
Diode Laser Market By Geography (Covers 12 + Countries)
Diode Laser Market by Entropy

Companies Cited/Referenced/Interviewed:
1.Jenoptik AG
2.JDSU Uniphase Corporation
3.Furukawa Electric Company Limited
4.Rofin Sinar Technologies Inc.
5.IPG Photonics Corporation
6.Sony Corporation
7.Mitsubishi Electric Corporation
8.ROHM Company Limited
9.Sharp Corporation
10.Panasonic Corporation
11.Toshiba Corporation
12.Company 12
13.Company 13

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B.Digital Signage Market
https://industryarc.com/Report/15018/Digital-signage-market.html

What can you expect from the report?
The Diode Laser Market is Prepared with the Main Agenda to Cover the following 20 points:
1.Market Size by Product Categories
2.Market trends
3.Manufacturer Landscape
4.Distributor Landscape
5.Pricing Analysis
6.Top 10 End user Analysis
7.Product Benchmarking
8.Product Developments
9.Mergers & Acquisition Analysis
10.Patent Analysis
11.Demand Analysis (By Revenue & Volume)
12.Country level Analysis (15+)
13.Competitor Analysis
14.Market Shares Analysis

15.Value Chain Analysis
16.Supply Chain Analysis
17.Strategic Analysis

Any other major customizations can be discussed with our team, we can provide a separate quote based on your requirement. You can drop in an e-mail to sales@industryarc.com to discuss more about our consulting services.

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