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## PRN: Global Semiconductor Laser Market 2016-2020 with Coherent, Novanta, Han's Laser, Rofin-Sinar & TRUMPF Dominating - Research and Markets

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DUBLIN, August 30, 2016 /PRNewswire/ --

**Research and Markets** has announced the addition of the "[Global Semiconductor Laser Market 2016-2020](#)" report to their offering.

The global semiconductor laser market to grow at a CAGR of 7.5% during the period 2016-2020.

The report covers the present scenario and the growth prospects of the global semiconductor laser market for 2016-2020. To calculate the market size, the analyst considers the revenue generated from the sales of lasers to the application segments such as material processing, communications, defense, healthcare, instrumentation and sensors, and others, which include displays and optical storage. The report also includes a discussion of the key vendors operating in this market.

Increase in number of mergers and acquisitions will be a key trend for market growth. The global CO2 laser market has been consolidating, and this is expected to continue during the forecast period. Existing vendors are acquiring new firms to either enter the market or broaden their product portfolios. In 2012, Coherent entered an acquisition agreement with Innolight and Lumera Laser to strengthen its market presence. Thus, the increase in the number of M&A will drive the market's growth during the forecast period.

According to the report, the growing acceptance of fiber lasers will be a key driver for market growth. Material processing involves chemical or mechanical steps for the manufacture of products in industries such as general manufacturing, automotive, heavy industry, electronics, and aerospace. Material processing applications include metal welding, plastic welding, brazing (mostly in automotive engineering), cutting of metals, and welding or cladding for the automobile, machine tooling, and medical sectors.

The rigid machine architecture of other laser products sometimes creates an issue of field serviceability, leading to an increase in the cost of ownership. Fiber lasers have a modular design that enables simple field replacement of components in the case of machine failure. They are preferred over other lasers for materials below 5 mm in thickness as they provide better quality cut finishing at low cost.

**Key vendors**

- Coherent
- Novanta
- Han's Laser
- Rofin-Sinar
- TRUMPF

**Other prominent vendors**

- Fanuc
- GBOS Laser Technology
- Lumenis
- Laser Photonics
- [Quanta System](#)
- Active Fiber Systems
- Advalue Photonics
- Calmar Lase
- Furukawa Electric
- Hypertherm
- Lumentum Operations
- Nufern

**Key Topics Covered:**

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Part 07: Market segmentation by laser type

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Part 12: Impact of drivers and challenges

Part 13: Market trends

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Part 15: Appendix

For more information about this report visit <http://www.researchandmarkets.com/research/26fwjz/global>

Related Topics: [Semicondu! ctor](#), [Lasers](#)

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