

New Laser Diode Brands



AI Overview

Emerging and innovative laser diode brands include BLUGLASS, ams-OSRAM, Lumentum, and Power Technology, offering advanced GaN, VCSEL, and high-power diode solutions. Notable New and Innovative Brands

BLUGLASS LIMITED – An Australian company specializing in gallium nitride (GaN) laser diodes using Remote Plasma Chemical Vapor Deposition (RPCVD) technology. Their lasers target high-performance applications such as industrial cutting, quantum computing, and medical diagnostics, offering high efficiency and scalable production.

ams-OSRAM – Known for multi-die edge-emitting lasers and VCSELs, ams-OSRAM has introduced high-power blue lasers (455nm, 42W optical output) for projection, entertainment, and industrial lighting. Their products emphasize high wall-plug efficiency and simplified thermal management.

Lumentum Operations LLC – A U.S.-based company providing diode lasers, VCSEL arrays, and tunable lasers. Lumentum focuses on 3D sensing, telecom, and autonomous vehicle applications, supplying components for facial recognition and depth mapping.

Power Technology, Inc. – Specializes in custom laser diode modules for industrial, biomedical, and aerospace sectors. Their products include wavelength-stabilized, fiber-coupled, and temperature-controlled modules, suitable for flow cytometry, laser-induced fluorescence, and machine vision.

Frankfurt Laser Company – A German manufacturer offering FP, DFB, and DBR laser diodes, superluminescent diodes, and laser modules for telecommunications, medical, industrial, and optical sensing applications.

ProPhotonix – U.S.-based company producing LED illumination products and laser diode modules for industrial, medical, and scientific applications, emphasizing energy efficiency and precise light control.

Emerging Trends GaN-based lasers are gaining traction for high-power and blue/green wavelength applications. VCSEL arrays are increasingly used in 3D sensing and LiDAR. Multi-die and high-efficiency designs are improving thermal management...

Article Content

All the Top Laser Diode Brands & Wavelengths (SHOP

LASER DIODE SOURCE , Wavelengths 370nm to 15,000nm, Shop ALL THE LEADING LASER DIODE BRANDS, Selection Guide & Online Shop

New 015257 Opto Laser Diode optoelectronics Electronic

Key attributes Brand Name Original Manufacturer Part Number 015257 Mounting Type Opto Laser Diode Place of Origin China Description Original 015257 Application software

Diode Lasers | Suppliers | Photonics Buyers' Guide | Photonics

Explore 138 top manufacturers and suppliers of Diode Lasers in our comprehensive photonics buyers' guide. A diode laser is a type of laser that uses a semiconductor diode as the active medium to

Asclepion Mediostar Brand New made in germany diode laser

Read more about the condition New: A brand-new, unused, unopened and undamaged item in original retail packaging (where packaging is applicable). If the item comes direct from a

48 Laser Diode Manufacturers in 2026

48 Laser Diode Manufacturers in 2026 This section provides an overview for laser diodes as well as their applications and principles. Also, please take a look at the list of 48 laser diode manufacturers and

AI Data Center Race Tightens Optical Component Supply as

AI Data Center Race Tightens Optical Component Supply as Hyperscalers Secure Laser Diode Capacity Published: 6.9.2026 Key Takeaways NVIDIA, Google, and Meta are securing

Global Leader in Materials, Networking, and Lasers

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Laser Diode Selection Guide (ALL MANUFACTURERS)

This allows users to compare laser diodes from all manufacturers and find their best options.

Laser Diode Market: Top 10 Companies & Key Players

The laser diode market is highly dynamic, and these 10 companies are leading the charge through relentless innovation, strategic acquisitions, and

Laser Diode Selection Guide (ALL MANUFACTURERS)

We try to help our community of laser scientists & engineers find the best products for their projects by hosting a free Open-Index product database with lasers from all manufacturers. Manufacturers can

10 Semiconductor Laser Manufacturers in 2026 | Metoree

This section provides an overview for semiconductor lasers as well as their applications and principles. Also, please take a look at the list of 10 semiconductor laser manufacturers and their company rankings.

Single Bar/Conduction Cooled/Vertical Stack/Horizontal

Hangzhou Brandnew Technology Co., Ltd. is a laser diode company, manufactures high-power diode lasers and systems in a wide range of output powers and

Top 5 Laser Diode Manufacturers Companies in the World

A laser diode refers to a semiconductor device that generates coherent radiation of high intensity in the infrared (IR) or visible spectrum when a

Wuhan Raycus Fiber Laser Technologies Co., Ltd.

About Raycus Wuhan Raycus Fiber Laser Technologies Co., Ltd. (hereinafter referred to as "Wuhan Raycus") is the first Chinese enterprise engaged in the

Top 5 Laser Diode Manufacturers Companies in the World

Top laser diode companies include Coherent, Inc., IPG Photonics Corporation, OSRAM, TRUMPF, and Jenoptik AG, among others.

Top Laser Diode Products in 2024

A Laser Diode is a type of semiconductor device that converts electrical energy directly into a focused beam of light. Their compact size allows

Laser Diode Market: Top 10 Companies & Key Players

Laser diode market leaders ranked: the top 10 companies powering telecom, healthcare, and defense innovation, with each player's edge and focus

Single Bar/Conduction Cooled/Vertical Stack/Horizontal

If you are looking for high quality and single bar diode laser, conduction cooled diode laser, vertical stack diode laser, horizontal stack diode laser, fiber coupled

SCULPFUN S70 MAX 70W Laser Engraver & Cutting Machine

Extreme Power & Massive Workspace for High-Volume Production Powerful 70W diode laser for advanced cutting performance Huge 830 × 800 mm working area for oversized projects One-click

Latest Laser Diodes News, Products & Content

Latest news, products, white papers, articles, videos and webinars on Laser Diodes. All information on Laser Diodes can be found in one place.

Nichia NUBM44 450nm 6W 9mm Blue Laser Diode

BeamQ Laser Nichia NUBM44 450nm 6W 9mm Blue Laser Diode - Nichia NUBM44 450nm 6W 9mm Brand New NUBM44 is a 445nm laser diode that emits 6W of

AtomStack Official Website | Unleash Your Creativity

For years, I struggled with lasers that either lacked power or were too cumbersome. Last summer, I was at a crossroads: invest in a large CO₂ system or take a

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