

Laser Diode Covering Equipment Manufacturer



AI Overview

Leading manufacturers of laser diode covering equipment include Jenoptik, Frankfurt Laser Company, and Laserline, offering customized diode laser modules, packaging, and optical solutions.

Key Manufacturers

- 1. Jenoptik** Jenoptik provides full-spectrum diode laser solutions, covering the entire value chain from epitaxial wafer growth to laser system assembly. They specialize in high-power broad-area edge-emitting diode lasers and offer custom packaging, die-mounting, and heat sink technologies for OEM applications. Their products include unmounted laser bars, single emitters, and modules with optional beam collimation or shaping, suitable for optical pumping and direct-diode-laser (DDL) applications.
- 2. Frankfurt Laser Company (FLC)** FLC is a global supplier of FP, DFB, and DBR laser diodes, VCSELs, and Quantum Cascade Lasers. They provide laser diode modules, free-space and fiber-coupled systems, and OEM modules, along with laser diode headers, caps, and collimator optics. FLC also offers customized solutions for hard-to-get wavelengths, obsolete parts, or specialized packaging, covering wavelengths from 213 nm to 20 μm and power ranges up to 5600 W.
- 3. Laserline** Laserline manufactures high-power diode lasers for industrial applications, including metal and plastic welding, coatings, and additive manufacturing. Their modular diode lasers are energy-efficient and customizable, suitable for OEM integration. They also provide coating and cladding solutions, making them a versatile supplier for production processes requiring precise laser diode applications.

Additional Suppliers

- Excelitas Technologies Corp.** – Offers photonic solutions and laser modules for medical, industrial, and imaging applications, including bespoke OEM solutions.
- ProPhotonix** – Provides LED and laser diode modules for industrial, medical, and scientific sectors, with emphasis on energy effi...

Article Content

Laser Diode Development – Stories of Manufacturing | ROHM

It was a period of rapid innovation, where laser diode output and performance improved dramatically in response to escalating demands. These technological innovations eventually moved beyond optical

Diode laser and disk-laser Technology | Jenoptik

Covering the entire value chain- from epitaxial wafer growth to laser system assembly - we have full flexibility in designing, assembling and packaging our high-power diode lasers in order to provide

Diode laser

Find your diode laser easily amongst the 800 products from the leading brands (Cutera, Mak, SureStep, ...) on MedicalExpo, the medical equipment specialist for your professional purchases.

High-power Laser Diode Assembly – ficonTEC Service

Our systems are modular and can be configured as standalone workstations or fully integrated into existing production environments.

Laser Diode Packaging for Multi-Emitter Module Assembly

How Finetech supports a high power fiber laser manufacturer to implement high-accuracy assembly processes for in-house developed high power diode pumps

48 Laser Diode Manufacturers in 2026

Laser diode modules offer optimal-performance, stability, and precision for applications like machine vision, alignment, and medical equipment. These products find application in industries such as

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

Laser Diode Modules

Laser diode modules are modules containing diode lasers, and possibly also some optics, cooling devices, electrical elements, etc.

Laser diode modules

With a long history as a packaging company, ALTER has the advantage of in-house capabilities for laser diode assembly and testing. This offers the benefit of providing a diverse and customisable range of

Find & Compare Optics | Photonics Services

Largest Database of Optics and Photonics Products and Solutions MEETOPTICS is the world's largest database of photonics products and custom solutions,

Diode Lasers, Semiconductor Lasers, and Laser Array

Intense Ltd. creates high power diode lasers, semiconductor lasers, and laser array modules for use in defense, industrial, aerospace, and print and imaging

Laser Company for Industrial Laser Solutions | LASERLINE

The leading laser company for integrated & customized diode laser manufacturing solutions for various industries & applications.

Diode laser and disk-laser Technology | Jenoptik

Diode laser based solutions from Jenoptik - covering the entire value chain in order to design and manufacture diode laser based solutions.

Koenig Machinery AU

Koenig Machinery is a trusted Australian leader in laser and manufacturing solutions. We supply high-quality CO2 lasers, Fiber lasers, Tube fiber cutters,

Laser Diode Manufacturers & Suppliers | ProPhotonix

High quality laser diode manufacturers including brands like Osram, Ushio, QSI and Ondax. Click to discover more.

Industrial Diode Laser Manufacturer | LASERLINE

Laser Manufacturer & Technology Leader for Laser Innovations Laserline is one of the leading manufacturers of industrial lasers and beam shaping solutions in the multi-kilowatt range. Our

Laser Diode Drivers

Laser diode drivers supply electronic current to laser diodes, with different requirements based on application and power level.

Laser Diode Manufacturers

A Laser Diode is a type of semiconductor device that produces coherent light through the process of stimulated emission. The leading manufacturers of Laser Diodes are listed below. Narrow down on

Professional Medical Beauty Equipment Manufacturer

About Huamei China leading beauty equipment manufacturer We enjoy a sound reputation in medical beauty field for our durable machines and good services.

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 their company rankings.

Diode Lasers Manufacturers Suppliers | IQS Directory

Locate diode laser manufacturers offering affordable, proven lasers for a variety of industrial and productivity applications.

Diode Lasers: Definition, How They Work, Types, Applications

Diode lasers are compact, solid-state devices that generate coherent light from semiconductor material. Learn more about it here.

Laser Safety Products| laservision USA

laservision designs and manufactures a complete line of laser safety products including glasses, barriers, signs and windows.

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.dknconsulting.co.za>

Email: info@dknconsulting.co.za

Phone: +31 6 2948 7351

Address: Herengracht 123, 1015 BT Amsterdam, Netherlands

This document is for informational purposes only. Specifications subject to change without notice.

