List of Estonian laser diode companies



Overview

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.

Key Takeaways

Estonia hosts a growing laser diode and photonics industry, with companies like LDI Innovation leading in compact excimer lasers and photonics sensors for industrial, environmental, and security applications. Key CompaniesLDI Innovation specializes in photonics R&D, producing compact excimer lasers and photonics sensors for industrial, environmental, and security applications, positioning it as a leading Estonian provider in laser technology. Baltic Lasers focuses on professional medical lasers for aesthetic applications, including hair removal, body shaping, and facial rejuvenation, highlighting Estonia's expertise in specialized laser equipment.

Lasermeister provides maintenance, sales, and repair of laser equipment, including CO2 laser cutters and engravers, supporting both industrial and professional laser applications. Adretec offers laser cladding services, enhancing the durability of metal components, which often involves precision laser systems.

Market Overview

The Estonian laser diode market is expanding due to increasing demand in telecommunications, healthcare, and industrial manufacturing. Laser diodes are widely used in fiber optic communication systems, medical devices, and laser marking/cutting machinery. Estonia's high-tech sector and government support for R&D are driving growth, although challenges include high development costs, competition from global players, and the need for precision engineering.

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Applications

Estonian laser diodes and laser systems are applied in: Telecommunications: fiber optic communication and data transmissionMedical devices: laser surgery, diagnostics, and aesthetic treatmentsIndustrial machinery: laser cutting, marking, welding, and surface structuringEnvironmental and security monitoring: photonics sensors for real-time analysis SummaryEstonia's laser diode industry combines R&D-driven innovation with practical applications in medical, industrial, and environmental sectors. Companies like LDI Innovation, Baltic Lasers, and Lasermeister exemplify the country's capabilities in producing high-precision laser systems and components, making Estonia a notable player in the European photonics and laser diode market.

Article Content

Top 30 Laser Manufacturing Companies in Estonia (2026) | ensun

Discover all relevant Laser Manufacturing Companies in Estonia, including Femto Systems and Lasermeister

RP Photonics Buyer''s Guide

Here you find all 1765 registered suppliers in alphabetical order. Click on a letter to find the suppliers beginning with that letter (or with a digit) more quickly: Display filter for continents: Another way of

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

List of Laser Companies in Estonia

List of Laser Companies in Estonia, Suppliers, Distributors, Manufacturers, Importer. Include MTG Eesti AS, .

Estonia Laser Diode Market (2025-2031) | Trends, Outlook & Forecast

Estonia Laser Diode Market Overview The laser diode market in Estonia is expanding, driven by the demand for laser diodes in various applications such as telecommunications, healthcare, and

Laser Diodes

Our laser diode portfolio is broad, extending from cw laser diodes to pulsed laser diodes to high-power laser diodes. For special areas of application VCSELs and quantum cascade lasers are also

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Ushio laser diodes & LEDs, OSRAM laser diodes, Panasonic lens,

Laser diode modules at custom lasing wavelengths (from 405nm to 852nm) and power options are available to order, designed to your specifications. Both standard and custom

List of Estonian Photonics Companies

Pulsed dye lasers for science, medicine and environmental monitoring. Equipment for laser beam control: collimators, beam expanders, light intensity attenuators, scanners, frequency

List of companies of Estonia

This list includes notable companies with primary headquarters located in the country. The industry and sector follow the Industry Classification Benchmark taxonomy.

Estonia''s Laser Market Report 2026

Estonia''s market for lasers, other than laser diodes, is characterized by a trade deficit and significant volatility in unit prices. From 2020 through 2024, the country sourced imports primarily

Top Laser Manufacturing Companies in Estonia

Key takeaway The company specializes in femtosecond laser micromachining workstations, providing ultra-high precision solutions for various applications, including micro drilling, cutting, marking, and

List of Estonian Photonics Companies

List of Lithuanian Photonics Companies ... List of Lithuanian Academic Photonics Laboratories and Research Institutions ... List of Latvian Photonics Companies ... List of Latvian

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 areas.

List of Europe Laser

Find detailed info on Laser - Diode manufacturers in Europe. View 8 Europe Laser - Diode manufacturing company profiles. Submit a partnership request.

Estonia''s Laser Market Report 2025

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The Estonian laser market shrank significantly to $436M in 2024, with a decrease of -49.9% against the previous year. Over the period under review, consumption, however, recorded a

Top 24 Laser Cutting Companies in Estonia (2026) | ensun

LASERMEISTER is a key player in Estonia''s laser cutting industry, offering specialized services in CNC laser equipment maintenance, sales, and repair. The company stocks a variety of high-quality

Diode Lasers Manufacturers Suppliers | IQS Directory

IQS Directory provides an extensive list of diode laser manufacturers and suppliers. Utilize our website to review and source diode laser manufacturers with our easy-to-use features which allow you to

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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