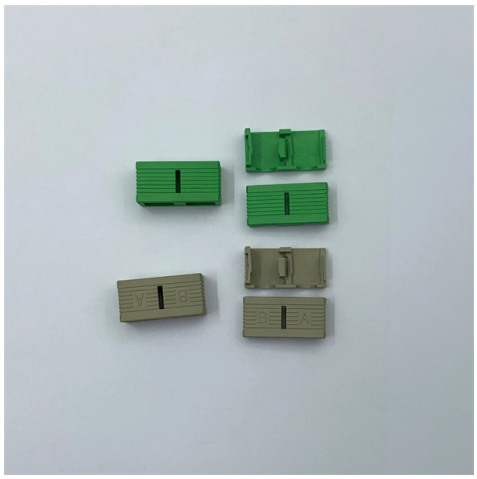
Optical Module Manufacturing Equipment Supplier



Overview

Manufacturing Equipment | Suppliers | Photonics Buyers' Guide. Our measurement and manufacturing systems speed up and improve the development, production.

Key Takeaways

Leading companies in optical module manufacturing include Optopax, ZEISS, and specialized equipment suppliers like Satisloh and NYFORS, offering end-to-end OEM solutions and precision optics production equipment.

Key Optical Module Manufacturers

Optopax provides comprehensive OEM manufacturing services for custom optics, AI-enabled camera modules, and multimodal imaging systems. They manage the full production process, including assembly, calibration, quality assurance, and logistics, with facilities in the USA, China, and Malaysia. Their production supports low to mid-volume runs (up to 10,000 units/year) and includes ISO 9001, IATF 16949, and ISO 13485 certifications for medical applications.

Zhongji Innolight Co., Ltd. specializes in high-speed optical communication transceiver modules, integrating R&D, design, packaging, testing, and sales. They are recognized for their strong industrial resource integration and investment in the optoelectronic industry chain. Chengdu Eoptolink Communication Technology Co., Ltd. focuses on high-performance optical modules for ICT industries, including data centers, telecommunications, security monitoring, and smart grids.

They are certified as a national high-tech enterprise in China.

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ZEIS

S Semiconductor Manufacturing Technology (SMT) supplies high-precision lithography optics, wafer inspection lenses, and synchrotron optics for semiconductor fabs. Their optical modules are critical for nanometer-scale chip production and include DUV lithography components and metrology modules.

Optical Module Manufacturing Equipment Suppliers

Satisloh offers machines for ophthalmic and precision optics lens production, including spheres, aspheres, and freeform surfaces.

NYFOR

S provides advanced glass processing and optical fiber splicing equipment, supporting both high and low-volume production.

Fil-

Tech supplies electron beam guns, ion sources, and thin-film deposition equipment for optical coatings. Accumold manufactures precision micro-optic molded parts for connectors, sensors, illumination, and imaging applications, with ISO 13485, 9001, and 14001 certifications. Optikos specializes in optical metrology instruments, ultraprecise components, and electro-optical design services for testing and custom development.

Applications and Capabilities

These companies and equipment suppliers support a wide range of applications, including: Telecommunications and data center optical modulesSemiconductor lithography and wafer inspectionMedical imaging and ophthalmologyIndustrial measurement, photogrammetry, and materials processingHigh-performance camera modules and AI imaging systems They provide end-to-end solutions from design and prototyping to series production, ensuring precision, scalability, and compliance with international quality standards. By leveraging these manufacturers and equipment suppliers, companies can access advanced optical module production capabilities, including custom lens assemblies, high-speed transceivers, and integrated optoelectronic systems.

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Article Content

Manufacturing Equipment | Suppliers | Photonics Buyers'' Guide ...

Our measurement and manufacturing systems speed up and improve the development, production, and quality control of lenses, optical lens systems, and camera modules around the world.

Optical Manufacturing Tools and Machinery

These tools and machinery are essential for producing high-precision optical components, such as lenses, mirrors, prisms, filters, and optical fibers, with the required optical properties and

Custom Optics Design & Manufacturing

JML Optical specializes in designing and manufacturing precision optics, optical lens assemblies and optics modules for life science research instrumentation. We

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

ZYGO | Precision Optical Metrology | Optical Components

ZYGO is a worldwide supplier of optical metrology systems, custom optical components, and complex electro-optical systems design and manufacturing.

Semiconductor Manufacturing Optics | ZEISS SMT

High-quality optical components and modules (no sales in Germany) for lithography lasers and special microscope lenses for wafer

Home | TRIOPTICS

We offer optical measurement and manufacturing systems for quality control and assembly of lenses, lens systems, camera modules.

ficonTEC

ficonTEC Home. Manufacturer of automated micro-assembly and testing solutions for the photonics industry. From Lab to Fab.

Laser Components

We are your sparring partner for optics, optoelectronics, and all light-related technologies. Together with you, we go beyond borders and realize your

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OEM Manufacturing

Optopax offers small to mid-volume manufacturing and procurement services utilizing an extensive global network of optical components, optoelectronic, and optomechanical partners and suppliers.

Solutions to shape the future | ZEISS

ZEISS'' expertise makes it a reliable partner in developing, constructing and manufacturing of precise components, optical modules and systems.

RP Photonics Buyer''s Guide

Directory of Photonics Suppliers We have 1765 registered photonics suppliers in this Buyer''s Guide — the most professional directory of manufacturers and distributors of products in the area of photonics.

Global Leader in Materials, Networking, and Lasers

Build equipment that maximizes throughput and yield using cutting-edge optics, lasers, and composite materials.

Shop Optics / Photonics Equipment For Sale, New and Used Prices

Buy and sell, optics photonics equipment on LabX. Your marketplace for laboratory equipment and supplies.

List of Optical Instrument Suppliers in Europe

The listings in this category contain optical instrument suppliers in Europe, offering advanced optical equipment for various scientific and industrial applications. These services include sales, custom

GD Optics | Think small

GD Optics is one of the leading international suppliers for the development and production of optical components for high-tech applications.

ams OSRAM is a global leader in innovative light and sensor solutions ...

We inspire with innovative light and sensor solutions, leveraging our passion, unique technologies, and extensive experience to enhance quality of life.

Optical Systems for Semiconductor Equipment | Jenoptik

Production and system partner for Semiconductor Equipment We supply sophisticated products of the highest quality based on our many years of experience and extensive expertise in the field of

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