



**DYNOTECH  
INSTRUMENTS PVT. LTD.**



**Lasers & Photonics | Semiconductors | Laser Solutions For Industries**



30+ Years of bringing the world's most advanced Laser & Photonics, Semiconductors, and tailored Laser Solutions to India's industries.

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# Empowering India with Global Technological Excellence



# Index

1. About Us .....	4
2. The Industries We Serve .....	5
3. Our Clients.....	5-6
4. Our Gobal Affiliations.....	7-8
5. Lasers & Photonics .....	9-16
6. Semiconductors.....	16-18
7. Laser Solutions For Industries.....	19
8. Contact Us.....	20

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## About Us

Bringing tomorrow's technology today from the eminent names around the world

The vision to start Dynotech Instruments was to provide best technology available from around the world to Indian customers. Our principal companies are one of the most preferred companies across the global market. We are working as exclusive representatives for the world's leading manufacturers. Our strategy is focused on continuously exceeding the customers' expectations, by providing best quality products & technology to our valued customers.



### Latest in Technology

We are committed to bringing advanced technologies and non-standard automated solutions to our Indian customers.



### Efficiency & Cost Saving

We envision revolutionising and bringing sustainable solutions that are efficient and cut costs at the same time.



### Holistic Solutions

Our customised and futuristic products have the upper hand in providing integrated and comprehensive solutions.

# The Industries We Serve

Automobile | Consumer Electronics | Jewelry | Lithium Battery | Medical | PCB

## Our Clients





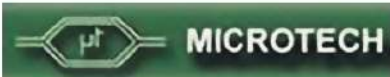
DYNOTECH  
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We have catered to diverse clients across various domains in the country, delivering value and satisfaction.



# Our Global Affiliations









## Lasers & Optical Fibers

NKT Photonics is the leading supplier of high-performance fiber lasers and photonic crystal fibers. Our partnership with NKT Photonics brings cutting-edge solutions to India with products like supercontinuum white light lasers, low-noise fiber lasers, ultrafast lasers, and a wide range of specialty fibers.



## Ultrafast Laser Solutions & Micromachining

We closely work with Clark-MXR, Inc., which manufactures ultrafast lasers and instrumentation for scientific, medical, and industrial applications, as well as providing laser micromachining services for contract development, prototyping, and parts manufacturing.



## DPSS and Laser Diode Modules

We collaborate closely with Oxxius to introduce state-of-the-art technology in India, specializing in DPSS (Diode Pumped Solid State Lasers) and Laser Diode Modules for applications in life sciences, analytics, and manufacturing sectors.





## Pulsed Lasers

Partnering with Microvec Pte. Ltd., we're pioneering a new tech frontier in India. Offering Pulsed lasers, we're not just delivering products, but shaping the future of innovation. Together, we're illuminating possibilities!



## Nanosecond & Sub-nanosecond Lasers

We collaborate closely with Bright Solutions Srl to introduce advanced technology and innovative products to the Indian market. Specializing in the creation and manufacturing of cutting-edge nanosecond and sub-nanosecond DPSS lasers, as well as high-brightness diode laser modules, Bright Solutions focuses on developing state-of-the-art diode-pumped solid-state laser systems. These are designed for unparalleled efficiency, compactness, and reliability, making them ideal for various sectors, including industrial, aerospace, medical, military, and scientific applications.



## Optical Beam Handling & Positioning Systems

We collaborate closely with OWIS to introduce state-of-the-art technology and innovative products to the Indian market. Our extensive range of offerings—spanning from beam handling systems and optomechanical elements to both manual and automated positioners—provides you with the ideal modular solutions for executing your photonics applications or lab configurations.





# TeraSense

## Cameras, Scanners, Detectors & Sources

We're proud to partner with Terasense Group Inc., a frontrunner in producing groundbreaking portable terahertz (THz) imaging systems, including THz imaging cameras, sources, and detectors. By bringing their state-of-the-art technology to India, we offer products that stand at the forefront of scientific and technological advancements and possess several competitive edges.



## Semiconductor Nonlinear Optical Devices

We work hand-in-hand with BATOP to introduce advanced technology to the Indian market. Our focus is on expanding semiconductor nonlinear optical devices, including saturable absorbers used in lasers, noise suppressors for enhancing optical signals, and photoconductive antennas for generating and detecting Terahertz waves.



# Imagine Optic™

## Wavefront Sensing & Adaptive Optics Specialist

We've formed a strong partnership with Imagine Optic to introduce state-of-the-art technology to the Indian market. Our product lineup specializes in optical metrology, with our HASO wavefront sensors and R-FLEX and Optical Engineer Companion systems setting industry standards.





## Nanopositioners

We've strongly partnered with PIEZOCONCEPT to bring cutting-edge technology and groundbreaking products to India. As a top supplier of nanopositioners for a range of applications—such as Super Resolution Microscopy, Optical Trapping, and Atomic Force Microscopy—PIEZOCONCEPT has earned a reputation for excellence.



## Laser Beam Delivery

Dynotech is closely working with Haas LTI, a global industry leader in custom-built high-precision laser delivery systems, possessing the knowledge and experience required to provide a robust, reliable laser beam delivery solution. Our products are modular, so custom configurations can be achieved for all wavelengths using standard laser components.

Industrial laser applications can be divided into multiple categories depending on the power of the laser, material processing and micro-material processing. Industrial applications include (but are not limited to): cutting, welding, drilling, marking, cladding and laser hardening.



## Optical Design & Manufacturing Expertise

We have closely collaborated with Osela to introduce state-of-the-art technology to the Indian market. Osela is well-prepared to offer customers groundbreaking solutions in photonic technologies, specifically for structured lighting and laser beam shaping. The company excels in creating laser illumination systems designed for uses in sectors like machine vision, biosciences, industrial evaluation, and instrumentation.



## Laser Micromachining

Dynotech, in collaboration with Optek Systems, a global leader in the laser technology field, offers laser micromachining equipment and services involving unconventional materials, innovative processes, extreme precision, massive production volumes, global delivery, and extreme deadlines.

We have the expertise for micromachining any feature into any material for any requirement—from laser-marking chocolate to fabricating microfiltration systems for the most advanced medical devices.



## 3D Printing

Our collaboration with Aconity 3D, a globally recognised firm in the laser technology field, facilitates offering several standard 3D printing machines that cover a wide range of needs. Additionally, Aconity's modular platform can easily modify the machines, enabling tailor-made additive manufacturing solutions.





## Fiber Optic Cables

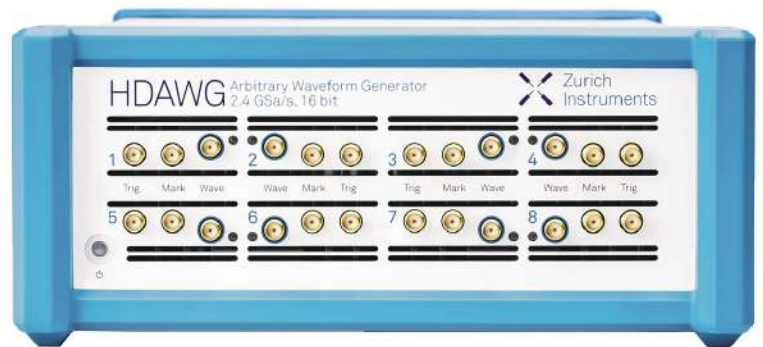
We closely work with Fiberoptics Technology Inc., a leading global supplier of standard and custom-designed OEM non-telecom fibre optic components.

Our customers benefit from economies of scale and quick turnaround, and we benefit from the trust and confidence you develop in our supply source. We innovate to keep up with the latest technologies in the fibre optics field and bring those advancements to our customers at value-driven prices.



## Nanotechnology, Optics & Photonics

We've partnered closely with Zurich Instruments to bring you state-of-the-art instrumentation. Our product range features lock-in amplifiers, arbitrary waveform generators, impedance analyzers, phase-locked loops, digitizers, boxcar averagers, and control systems for quantum computing.



## Electro-Optics

In collaboration with Lambda Research Optics, Inc., we offer cutting-edge optical instruments. Our expertise lies in crafting optical components that are effective across the entire optical spectrum—from vacuum ultraviolet to far infrared. We have a deep understanding of optics, optical materials, and specialized coatings.



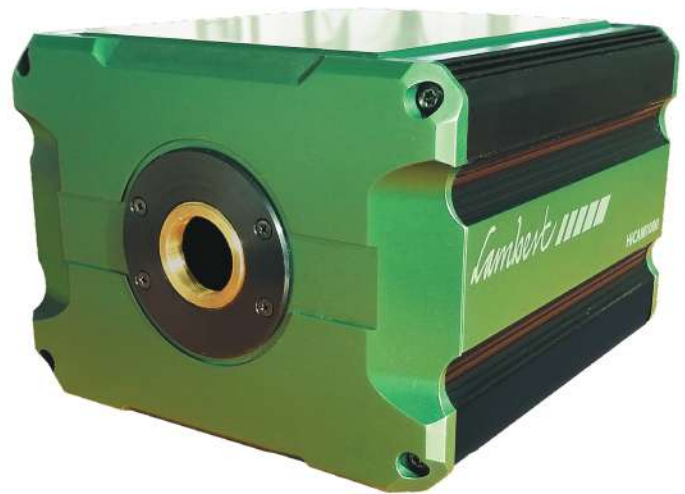
## Semiconductor

Partnering with VIGO Photonics, we provide state-of-the-art optical tools. As a European-based producer of semiconductor materials and devices for photonics and microelectronics, VIGO Photonics excels in creating MWIR and LWIR detectors and modules through its proprietary technology.



## Advanced Imaging Solutions

Partnering with Lambert Instruments BV, we provide state-of-the-art instrumentation solutions. Lambert Instruments BV specializes in creating, manufacturing, and marketing ultra-fast camera systems that meet the highest quality standards for time-sensitive applications.



## Precision Measurement Technology

Partnering with SIOS, we provide state-of-the-art measurement instruments. SIOS is a top-tier manufacturer specializing in laser interferometric systems and a key European provider of stabilized He-Ne lasers that serve as metrological light sources with unparalleled wavelength stability. Additionally, our Nanopositioning and Nanomeasuring Machine NMM-1 sets the global standard for accuracy in positioning systems.





## Cameras & Imaging

Partnering with Nüvü Camēras allows us to leverage Nüvü Camēras' unique technology, we're setting unparalleled benchmarks in low-light imaging by integrating photon counting features with the CCD's robust light collection, all while maintaining minimal background noise. Our advanced cameras meet the rigorous demands of our core clientele, enabling them to push the boundaries of current technology in their analytical pursuits.



**SPECIAL OPTICS**  
AMETEK

## Laser Optics

Working in partnership with Special Optics, a Navitar subsidiary, we provide the latest in instrumentation technology. We specialize in creating high-caliber, diffraction-limited optical systems. Through meticulous alignment between design objectives, manufacturing precision, and system requirements, we ensure that the final product performs in line with the original design specifications.

**FIBERBRIDGE**  
PHOTONICS

## Fiber Optics

Partnering with FiberBridge Photonics GmbH allows us to deliver state-of-the-art instruments. Specializing in high-performance optical fiber components, FiberBridge Photonics serves sectors ranging from material processing and life sciences to quantum technology and aerospace. The product lineup features essential high-power fiber components like pump combiners, fiber end caps, and lenses, as well as high-power capable fiber arrays and splice-free LMA fiber amplifier modules.







## Semiconductor

We closely work with Veeco, helping customers overcome technical and cost barriers that make it possible to convert novel materials into high-yielding device performance at production volumes. Our process equipment and technology are used to manufacture advanced semiconductors, LEDs, displays, photonics, VCSELs, power electronics, compound semiconductors, hard disk drives, MEMS and wireless chips.



## Semiconductor

Together with SVT Associates, Inc., we provide state-of-the-art instruments. SVTA produces the MBE systems, deposition sources, and crucial process monitoring tools.



## Semiconductor

Partnering with Ecopia Corp, we provide state-of-the-art testing equipment. A leader in the field, Ecopia Corp specializes in the production of various semiconductor testing apparatuses, including Hall Effect Manufacturing Systems, Probe Stations, RTA/RTP systems, LED Testers, and Manipulators, among others. These tools are essential for assessing the electrical, thermal, and optical properties of semiconductor chips and devices.



## Industrial Furnace Manufacturer

Partnering with ECM Technologies allows us to provide state-of-the-art instruments. Renowned for our expertise in low-pressure carburizing industrial ovens, we create groundbreaking heat treatment technologies. Serving a diverse range of industries—from automotive and aerospace to heat treatment services, photovoltaic, nuclear, and more—ECM Technologies offers a comprehensive suite of machine and process solutions on a global scale, especially in areas demanding advanced understanding of vacuum, high-temperature, or thermochemical operations.



## Modular Optical Systems & Components

In partnership with SCIENCETECH INC, we provide state-of-the-art instruments. With over three decades of expertise in Canada, SCIENCETECH INC specializes in the production of solar simulators, monochromators, and instruments for spectroscopy. The company is committed to delivering reliable, high-performance optical tools and pioneering technology for both scientific research and industrial uses.



## Microelectronics

Partnering with MICROTECH, we deliver state-of-the-art instrumentation to India, including Laser Pattern Generators and 3D Laser Lithography.



## Plastic Welding

We offer customised solutions for all common laser plastic welding processes. Closely working with EvoSys Laser Solutions, a globally recognised firm in the laser technology field, we optimally integrate complex systems into existing production processes to turn your challenges into solutions.



## Battery Welding

Bringing global technology to India's Energy Sector. We work closely with Shenzhen Jinbofang Laser Technology Co., Ltd, offering solutions for Battery Welding in Cylindrical Battery cells, Prismatic Battery cells, Pouch-type Battery cells, and many more.





## CONTACT US

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