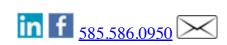


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Micro & Miniature-Optical System Assemblies



At **Optics Technology, Inc.**, we are a major provider of micro and miniature-sized optical system assemblies serving the sophisticated needs of technically advanced industries. We provide integrated solutions for customized, critically dimensioned optics on the miniature or micro-scale level. We partner with you from the concept stage to develop designs that optimize the functionality, usability, fabrication, and assembly of your optical systems and promote your technical strengths in a very competitive industrial marketplace.

Our multi-disciplined engineering team includes industry thought-leaders responsible for ground-breaking advancements in micro-optical technologies. With our 30-year long history in the field of miniature optics, we have pioneered new and innovative processes for manufacturing high-quality optical assemblies for products such as micro imaging systems, high numerical aperture camera systems, and others.



We leverage our design engineering and micro manufacturing capabilities to advance your product through the prototyping process and on to low- to mid-volume production levels.

The design, development, fabrication, and assembly of micro and miniature optical systems is one of our core competencies. We have worked with leading universities, government agencies, and well-known research laboratories to promote scientific discovery and advance the field of optics and photonics. In addition to our strong presence in the medical industry, our precision micro-optical and mechanical systems and assemblies are also used in military systems, aerospace applications, and many others.

We have the resources to react quickly to your needs and can turn projects in as little as a week. We provide full, end-to-end services that include full optical and mechanical component fabrication, but also accept customer supplied components for integration into your custom optical assembly.

Contact us today to learn more about our capabilities or to discuss your next project.

Request for Quote

Micro & Miniature-Optical System Assemblies Specifications

Capabilities

Opto-Mechanical Miniature Fiber-Optic Miniature Medical

Miniature Mechanical Devices Miniature Prototype Fiber Splicing

Materials

Titanium Stainless Steels Plastics

Process

Customer Supplied Component Assembly
In House Component Manufacturing and Assembly

Wall Spacer Thickness

100 microns

Features

Optical Metrology and System Testing

Turnaround

1 Week

Additional Information

Industry Focus

Aerospace Industrial

Medical

Military

National Laboratories Photographic

Sensory Technologies

Universities

Intended Applications

Biomedical Research

Endoscopes

Microimaging Systems

Microscope Objectives

Pediatric Otoscopes

Very High Numerical Aperture Camera Systems (High NA Camera Systems)

File Formats

Zemax

Code 5

SolidWorks

MasterCam

Click Here to Request a Quote

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