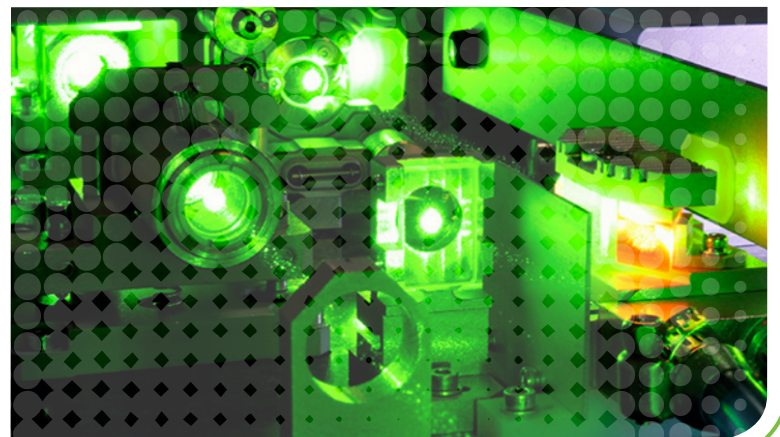
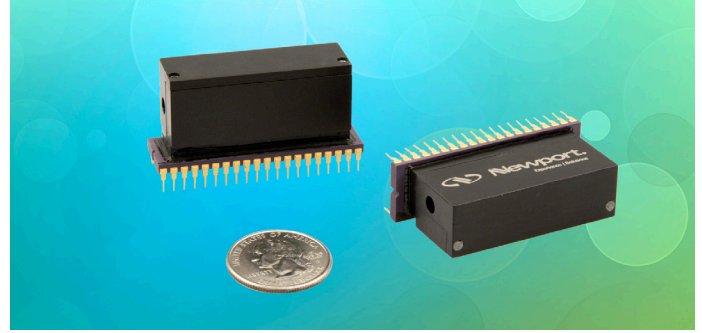
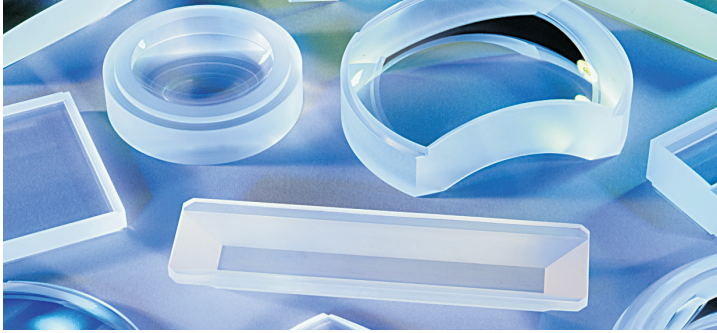


CUSTOM AND OEM OPTICAL SUBSYSTEM SOLUTIONS MAXIMIZE OPTICAL SYSTEM PERFORMANCE





NEWPORT CUSTOM OPTICAL SUBSYSTEM SOLUTIONS

Newport Custom Optical Subsystem Solutions optimize product performance and shorten time to market of your opto-mechanical sub-assembly. Our technical and supply chain experts help mitigate risk while bringing your product roadmap to life. With over 75 years of experience providing optical solutions for Analytic, Life Science and Medical Instrumentation markets, we are a proven, innovative and trusted partner who helps solve your most complex problems.

Great Designs Start with Great Optics

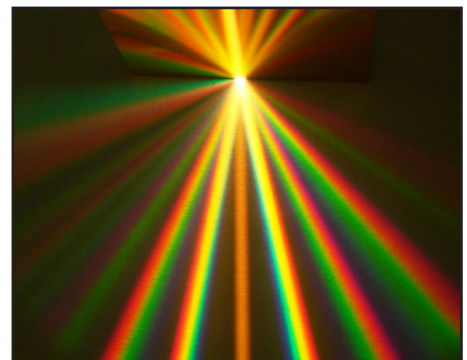
Great optics are the key to superior optical subsystem performance. Investment in our world-class optics initiative provides you with access to the finest optical engineering design resources and state-of-the-art manufacturing capabilities.

- Optical Design
- Value Engineering
- Managed Supply Chain
- Risk Mitigation
- Comprehensive Portfolio
- Proven Partner
- Operational Excellence

Newport Advantage

We are vertically integrated, capable of moving quickly from concept to manufactured part. A cross functional team works with you to understand your needs to create a turnkey subassembly to install directly into your instrument. Products in our broad portfolio include:

- Diffraction Gratings
- Optical Filters
- Reflectors/Mirrors
- Opto-mechanical Parts
- Optical Components
- Sensors



Critical Resources

Highly skilled engineers and knowledgeable application specialists collaborate with you through ideation, design, and implementation to provide an innovative solution to meet your needs. Our integrated optical components, hardware, software, metrology, reliability, and global manufacturing footprint enable us to provide you with the highest quality, reliable optical subassemblies.

Let's Have a Conversation

Our products enable the technologies that support market leading instrumentation features and capabilities. Contact one of our application specialists today to get started. Let us help you push the boundaries of possibility.

Contact: Christopher Fridd, Newport Optical Sub-Assembly Product Manager

Main: +1 585.248.4141

Email: optical.modules@newport.com

Design Services

Expertise in optical, opto-mechanical, electrical, and systems design

BUILD-to-PRINT

Our team of experts work collaboratively with you to develop your designs for manufacturability

BUILD-to-SPECIFICATION

End-to-end product design and system engineering to meet your requirement

Manufacturing Services

A variety of assembly and test environments to match the needs of OEM customers' product requirements

Component sourcing, fabrication, assembly and test in low cost regions provide a competitive cost basis and close proximity to integration facilities.

Controlled clean room assembly: ISO-5/100, ISO-6/1,000

Supply chain risk mitigation at both the component and assembly level

US based ISO registered facilities with ITAR and IP control

OEM Optics

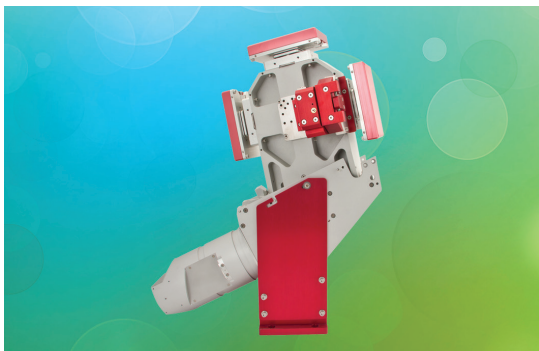
World leader in the design and manufacture of precision diffraction gratings

High performance optical filters from UV to NIR

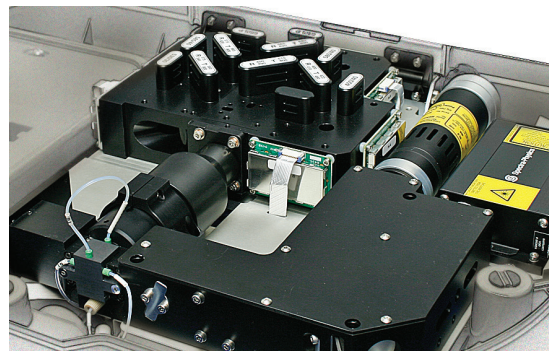
Precision optical components from standard to custom designs

Wide range of thin film coating capabilities to optimize system performance

Advanced metrology and testing procedures



Opto-Mechanical Assemblies



Electro-Optical Assemblies

OUR PROCESS



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Newport is a brand within the MKS Instruments Photonics Solutions Division. The Newport product portfolio consists of a full range of solutions including precision motion control, optical tables and vibration isolation systems, photonic instruments, optics and opto-mechanical components. Our innovative Newport solutions leverage core expertise in vibration isolation and sub-micron positioning systems and opto-mechanical and photonics subsystems, to enhance our customers' capabilities and productivity in the semiconductor, industrial technologies, life and health sciences, research and defense markets.

For further information please visit www.newport.com