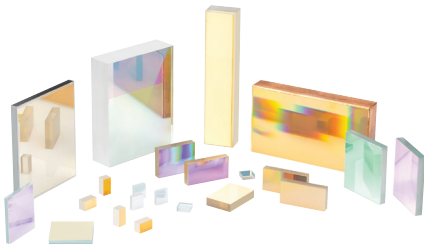


Product Overview



Newport™ Custom Optical Components, Design, and Assembly Solutions



NEWPORT RICHARDSON GRATINGS™

- Ruled Holographic & Echelle Gratings
- Plane & Concave Grating Geometries
- Dual-Blazed and Mosaic Gratings
- Standard and Custom Coatings
- Extensive Portfolio of Master Gratings



NEWPORT CUSTOM OPTICAL FILTERS

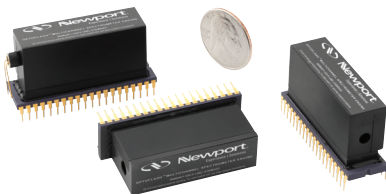
- ODiate™ & Stabilife® Coating Platforms
- Spectral Performance Tailored to Your Application
- High Transmission and Deep OD Blocking
- High System Sensitivity and Throughput
- Volume Manufacturing Leader and Assembly Partner



Offering Custom Freeform Replicated Mirrors!

NEWPORT OPTICAL MIRRORS

- High Reflectivity, Low Scatter, Excellent Beam Performance
- Rotationally & Non-Rotationally Symmetric Mirror Surfaces
- Ellipsoidal Off-Axis Parabolic Retro-Reflectors
- Integrated Mounting and Alignment Features
- Standard and Custom Coatings



OPTOFLASH® MULTICHANNEL SPECTROMETER ENGINES

- Low Size, Weight & Power Discrete Wavelength Spectrometer
- Excellent Temperature Stability and Vibration Insensitivity
- Fast Spectral Wavelength Analysis for Ultraviolet, Visible & Infrared
- Ideally Suited to Clinical Chemistry, Environmental Analysis, and Food Safety



DESIGN & ASSEMBLY FOR OPTICAL SUB-SYSTEMS

- Advanced Design, Innovative Engineering and World-Wide Manufacturing
- Incorporate Custom Discrete and Continuous Spectral Analysis
- Vertically Integrate Newport Gratings, Optical Filters and Mirrors
- Specializing in Optical Solutions for Spectroscopy, Life & Health Science, Medical Diagnostics and Analytical Instrumentation



ABOUT NEWPORT OPTICAL COMPONENTS

Newport is a brand within the MKS Instruments Photonics Solutions division. Newport optical components for analytical instrumentation are the first choice for solving the most complex measurement challenges. For over 75 years, our leading spectral analysis solutions have been used millions of times in a wide range of applications and markets, including spectroscopy, color measurement and microscopy, medical and diagnostic instrumentation, environmental monitoring and food and beverage analysis, helping our customers achieve the most accurate measurement results.

ABOUT MKS

MKS Instruments enables technologies that transform our world. We deliver foundational technology solutions to leading edge semiconductor manufacturing, electronics and packaging, and specialty industrial applications. For more information, visit www.mks.com.

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