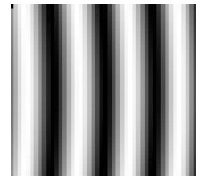


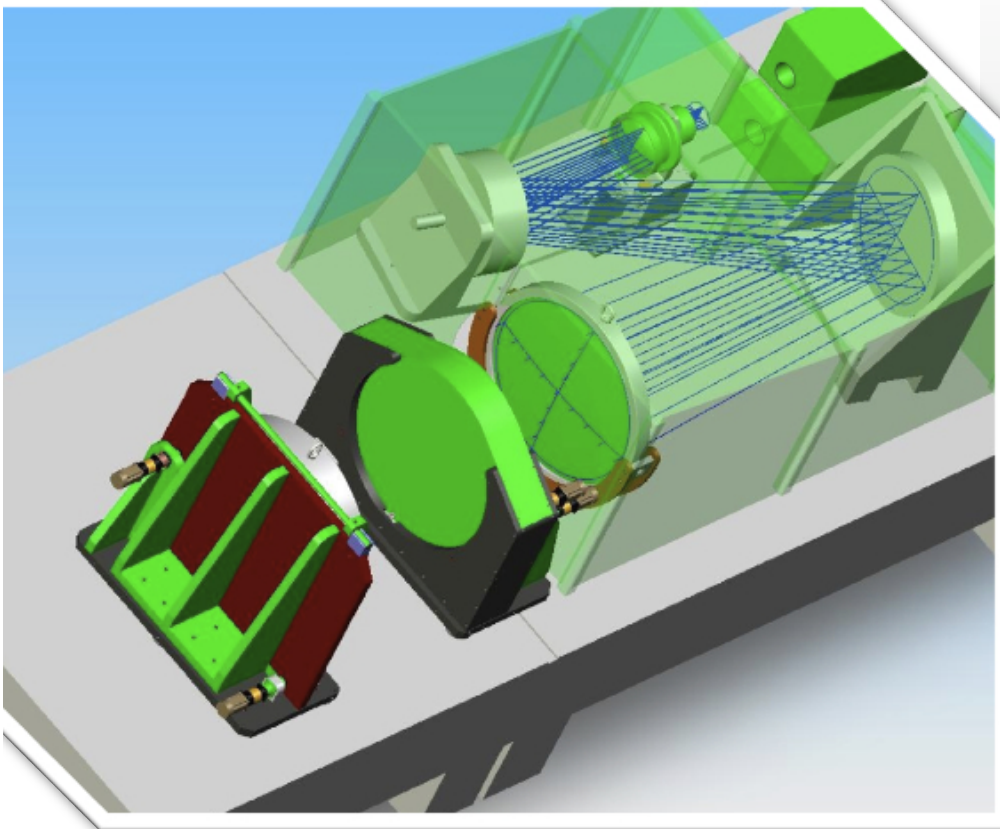


Aperture Optical Sciences

CUSTOM INTERFEROMETERS



Aperture Optical Sciences Inc., Opto-Mechanical Designs LLC and Okamoto Optics have collaborated to create an advanced capability to design and integrate custom interferometers for special wavelengths and applications. Depending on your needs we'll modify / upgrade your existing equipment for extended performance or provide a completely unique system for special wavelengths and environments.



FEATURES & OPTIONS

Wavelengths	351nm – 10.6 μ m
Apertures	Up to 1000 mm
Accessories	Beam Expanders Custom Mounts Reference Optics Phase Upgrades Custom Software Calibration Services Repair Services
Options	Full-surface "self calibration" Automated alignment controls Multi-wavelength systems
Performance	Call for specifications



APERTURE OPTICAL SCIENCES, INC.
27 Parson Lane, Unit G
Durham, Connecticut 06422
T: (860) 316-2589 F: (860) 760-6564
www.apertureos.com, www.okamoto-optics.com

Custom Engineering, In-House Optics, World Class Support

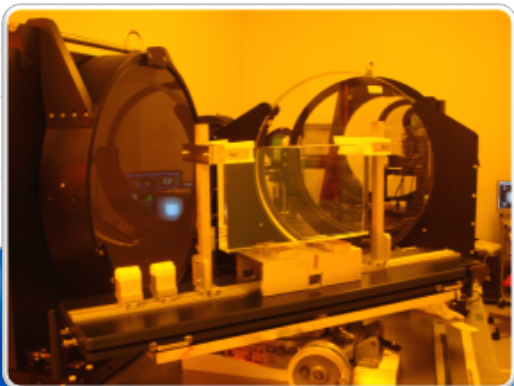
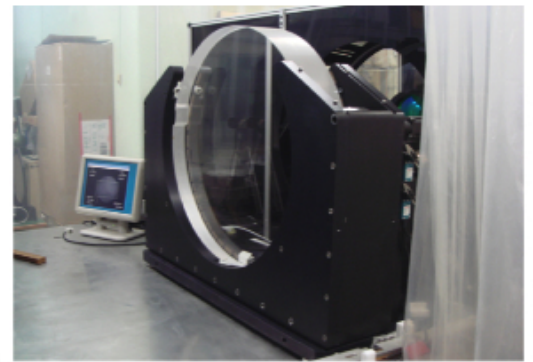
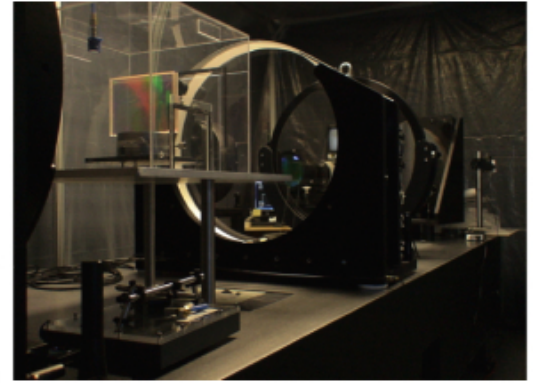
Optics: The quality of any optical systems starts with the optics. We manufacture all of the critical optics and coatings in our interferometers at the advanced manufacturing center at Okamoto Optics Works, Yokohama Japan. From UV, VIS, to Infrared optics, our vertical integration is the key to producing industry-leading performance.

Design: Lens design, opto-mechanical and software design is conducted in consultation with our customers' unique demands and applications. Design is conducted in our Connecticut based facilities. We'll integrate your existing hardware and software for system upgrades and modification for special projects.

Support: Technical support, training, and service is provided either on-site or in our Connecticut facilities. Calibration, technical support and service is provided on our own equipment as well as many commercially available systems.

Accessories: We design custom mounts and fixtures to make your testing requirements more accurate and easier to use.

Calibration: We've developed our own unique software and hardware for calibrating interferometers. System error files can be created and maintained to allow your test engineers and technicians to quickly recognize and characterize errors in your interferometer. Our training services will allow you to subtract systemic errors from your production measurements allowing you to collect higher accuracy data.



We provide unique optical metrology systems by building on over 30 years of specific industry experience. Our systems utilize a combination of integrated commercially available equipment augmented by our unique technology.

Aperture Optical Sciences Inc. works in collaboration with Okamoto Optics Works and Opto-Mechanical Designs LLC to create custom optical instruments and systems to our customers worldwide. We also provide opto-mechanical design, applications engineering, technology development, and product development services. In addition to the Japan based advanced manufacturing facility we maintain a well-equipped optical fabrication and metrology laboratory in our Connecticut based offices and can support quality audits, calibration services and training.

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