

Sponsored Editorial

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# Be surprised by Optikos® IQ Lab™ services, not by your optical system's performance



*Companies worldwide turn to Optikos for fast, accurate assessment of their optical system performance.*

## When you're not sure about your optical quality

Businesses and project managers of all types are under constant pressure to launch products on-time and on-budget, and sometimes a much more compelling technical argument is needed to delay production than to continue.

If you resist pressure to forge ahead without complete information about your optical system's performance, it can mean the difference between a successful prototype or product introduction and one that fails.

## Make Optikos® IQ Lab™ services part of your quality assurance model

"Post-mortem" reports on failed projects consistently indicate that insufficient testing or a lack of confidence in test data allowed flawed optics to be deployed undetected. Unfortunately, when optical systems fail, there is not typically a straightforward fix "after-the-fact."

For example, discovering a stray light issue in production can mean both optical and mechanical design corrections—typically very costly to implement at this late stage.

Whether you're selling a lens or camera system directly to a client, or designing a product with an optical system, it's important to define what is acceptable image quality or performance and to have confidence in the supplier who is documenting that performance.

## Expert optical performance validation

IQ Lab™ services are provided through our optical metrology lab and offer the most comprehensive modulation transfer function (MTF) lens testing and imaging sensor testing available, as well as non-imaging measurements and optical element information—all in one location.



Testing is performed by our expert optical engineers and technicians, and clients are provided with a complete report of results to help you make an informed assessment of your optical system quality and the role it plays in your completed product.

If desired, Optikos engineers are available to consult on a path forward for your design project.

## State-of-the-art measurements

Image quality measurements on optical systems, lenses and components are tested using Optikos equipment—the same state-of-the-art metrology products that are sold to clients worldwide.

Testing is available for any application—from the UV to LWIR, from in-line manufacturing and robotics to medical devices and consumer products; for small

start-ups or Fortune 500 companies. If you have doubts about your image quality, or would like to avoid surprises, we're fully equipped to help.

## It's easy to send us your lens and camera systems, from any location worldwide

International express shippers help make it easy and typically assist clients in completing the correct documentation for straightforward shipment to Optikos and fast return to your facility.

Customer Supplied Materials (CSM) tracking of your product within our facility ensures that your product is identifiable, stored separately and traceable.

## Optikos® Metrology and Design

Optikos provides metrology products that assess and assure image quality; and we offer engineering services that provide a flexible and scalable resource for your design and manufacturing requirements.

Leveraging the science of optics and light, our expert engineering team improves and enhances the functionality and effectiveness of optically-based products for organizations all over the world.

## Optikos® Quality Management System

Optikos is known worldwide for engineering excellence—the Optikos® Quality Management System complies with ISO 9001:2008.

Quality is reflected in all stages of our process and we're committed to meeting and exceeding our customers' expectations.

To learn more about IQ Lab™ services, or for more information about Optikos metrology and design, please call us at +1 617-354-7557 or email [sales@optikos.com](mailto:sales@optikos.com)

Visit us at Optatec Hall 3.0, Stand B57

The Optical Engineering Experts™