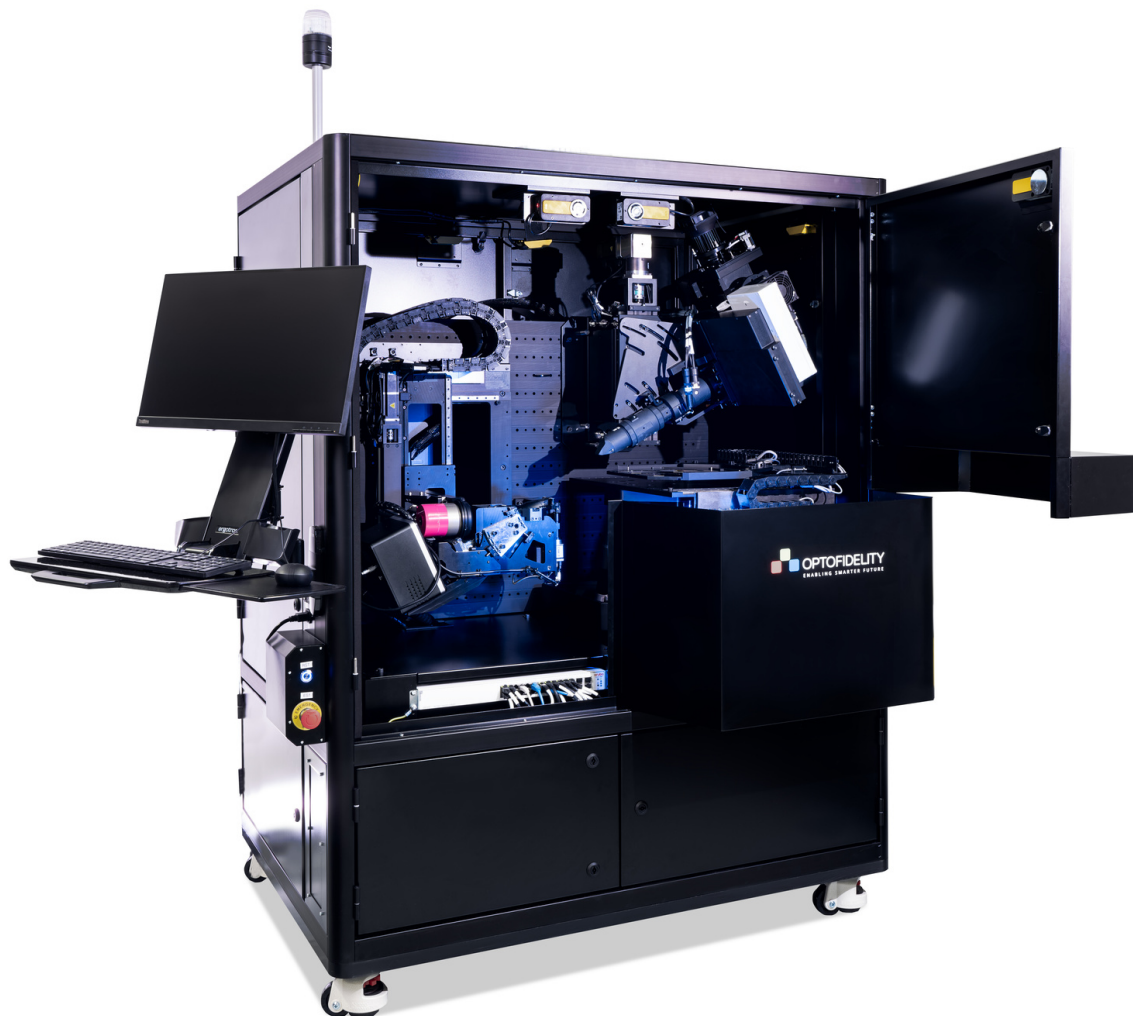




OptoFidelity™ WG-IQ



Fully automated waveguide image quality measurement system

OptoFidelity™ WG-IQ

Measure your waveguides with a fully automated measurement system

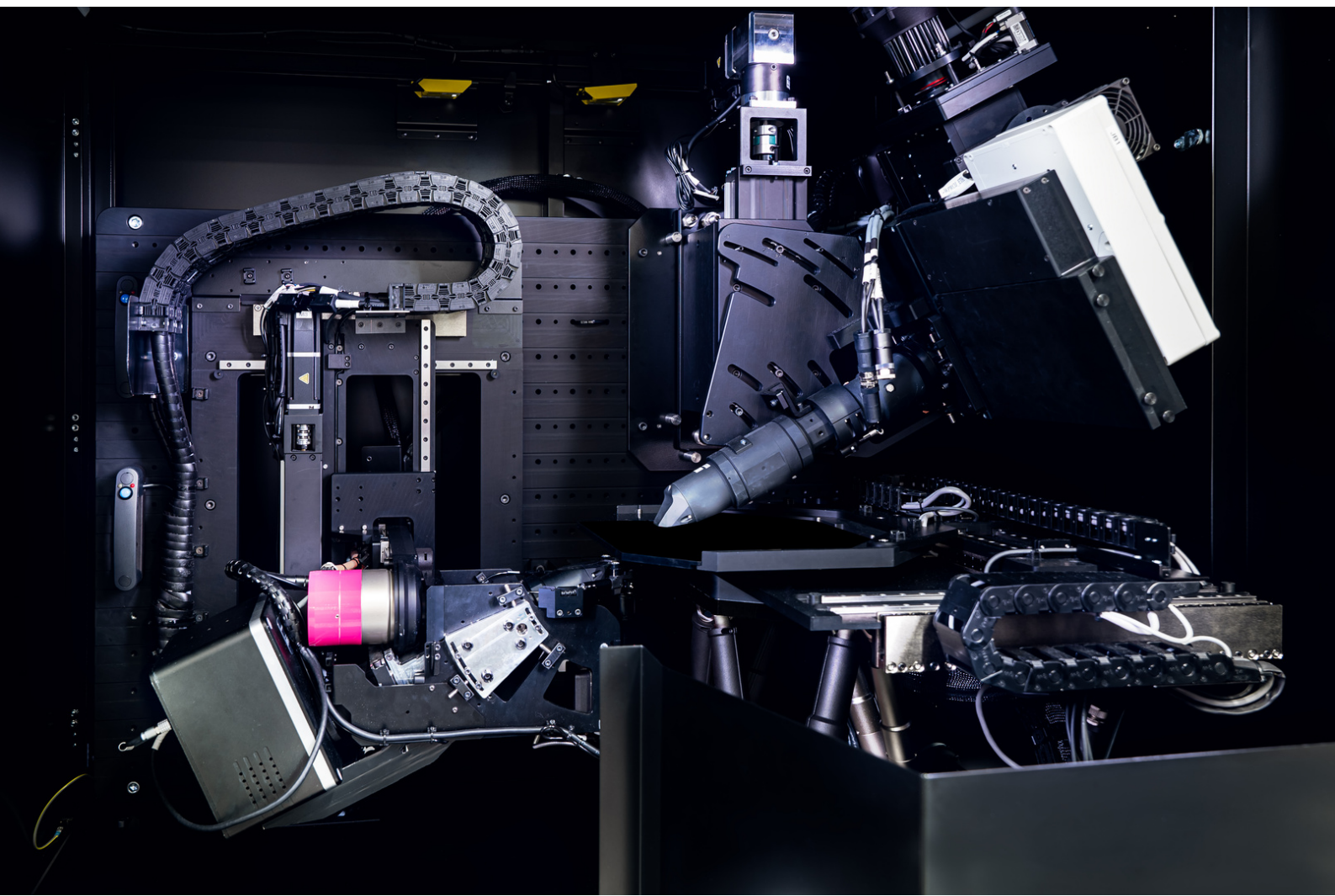
Test the image quality of waveguides with OptoFidelity's WG-IQ. No matter if the waveguide is based on holographic, surface-relief, or polarization grating technology, OptoFidelity's WG-IQ reliably and accurately measures its image quality.

Using an almost perfect replica of the human eye, WG-IQ sees your waveguide precisely how your customers will see it. See the color performance of your waveguide the way your customers will see it with the WG-IQ color measurement upgrade.

OptoFidelity's years of experience in optical metrology, a high-accuracy hexapod, active alignment, and autocollimation, WG-IQ correctly and reliably measures your waveguide. Moreover, with its support for diced samples and up to 300 mm wafers, WG-IQ can be turned from an R&D device into a fast metrology tester for small-volume production.

Use the data WG-IQ produces precisely the way you need to use it. Insert your own custom analysis code directly into the machine software and test your waveguides for metrics the way you define them. Synchronize the measurement data with your other production machines using WG-IQ's well-documented data interface.

WG-IQ can also be combined with WG-GAT, where you can link particular shortcomings in image quality in your waveguide back to the defects in its grating structure.

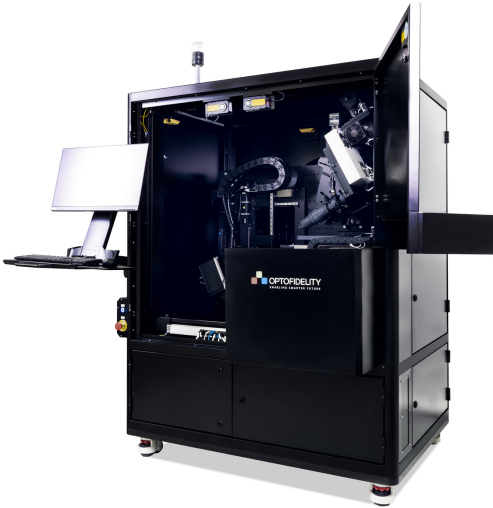


WG-IQ Benefits

Measure a large field of view in a single shot with OptoFidelity's OptoEYE 2, which is a replication of the human eye

- Measure image quality quickly with the high luminance of OptoFidelity's OptoProjector
- Measure a large field of view (FOV) in a single shot with OptoFidelity's OptoEYE 2
- Measure color quickly and in a single shot with OptoFidelity's OptoColor
- Use OptoFidelity's data analysis or create your own
- Supports both eye-side and world-side measurements
- Supports a large range of pantoscopic tilts and face wraps
- Trust the waveguide position even more with our high-accuracy hexapod
- Position your waveguide accurately with WG-IQ's advanced positioning tools
- Look at your waveguides like a real human would look at it



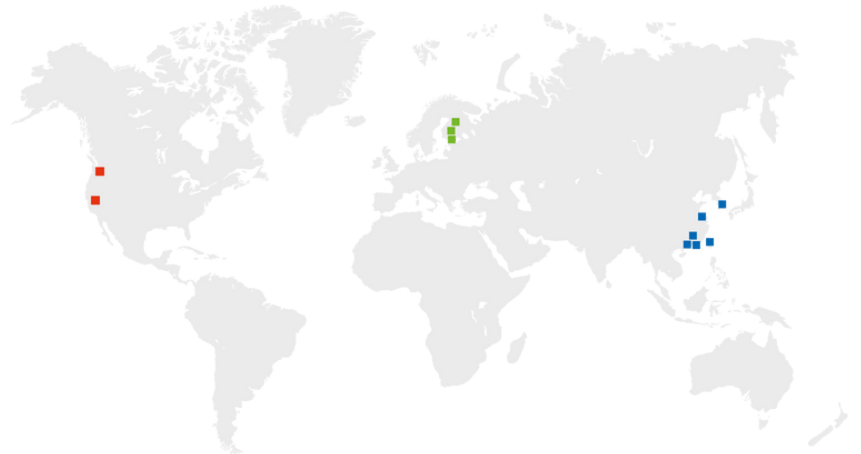


Measure a large field of view in a single shot with OptoFidelity's OptoEYE 2, which is a replication of the human eye

About OptoFidelity

We develop the best performing automation products and measurement technologies for our customers, enabling their innovations for smarter future.

OptoFidelity works with the world's largest device manufacturers and innovators. It is a globally recognized pioneer in test automation and metrology solutions. Our customers use our human-like robot-assisted metrology platforms for product development, production, and quality assurance. Our products come with easy-to-use software tools for test configuration, analyses and reporting.



LOCATIONS

FINLAND: Tampere (Global HQ), Oulu and Espoo
USA: Cupertino (CA) and Redmond (WA)
GREATER CHINA: Zhuhai, Suzhou, Shenzhen, Hong Kong and Taipei

HEADQUARTER

OptoFidelity Oy
Visiokatu 3
FI-33720
Tampere
Finland

SALES

sales@optofidelity.com
+358 44 430 0100

WWW

optofidelity.com

SOCIAL MEDIA

[linkedin.com/company/optofidelity](https://www.linkedin.com/company/optofidelity)
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