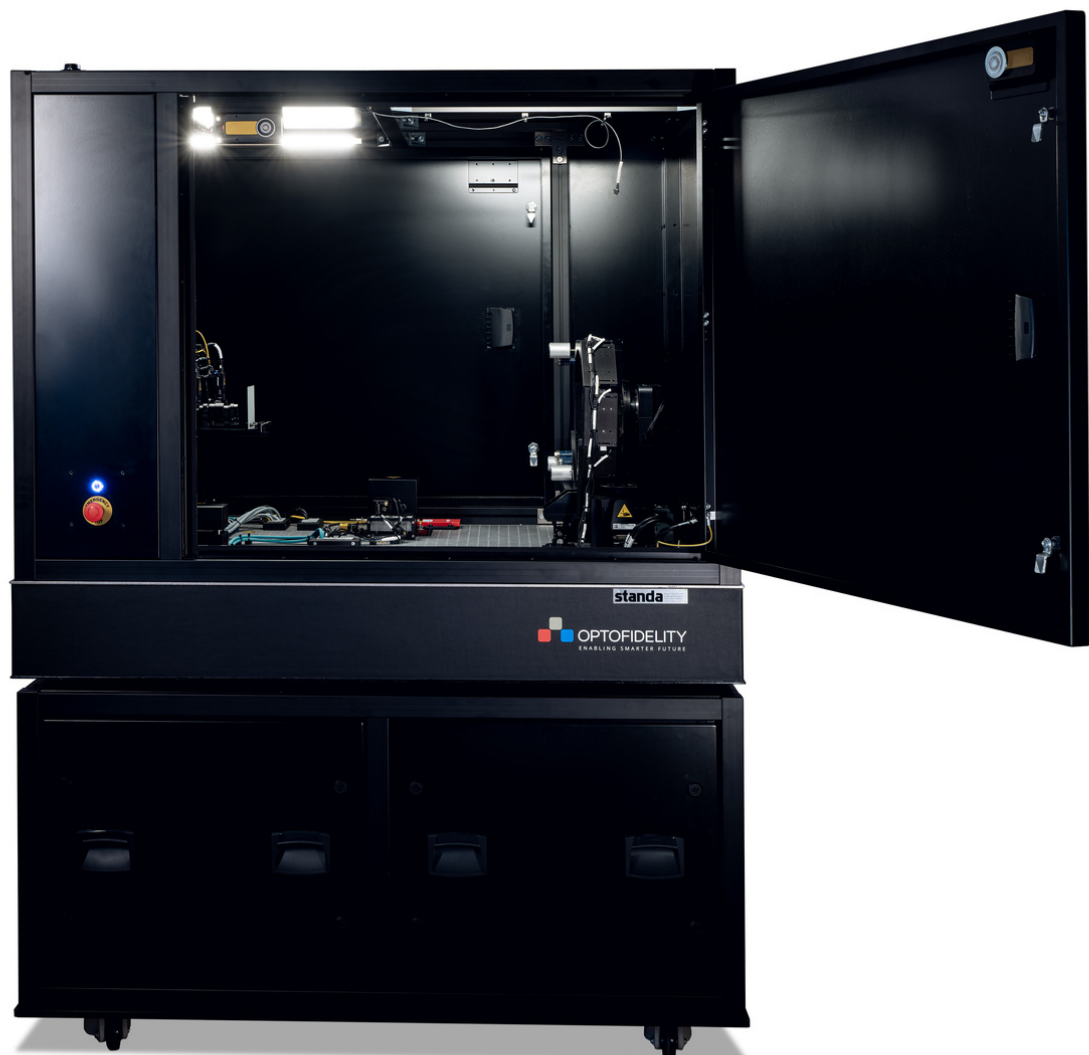




# OptoFidelity™ WG-GAT

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High-Accuracy Diffractometer for Augmented Reality  
Waveguide Characterization

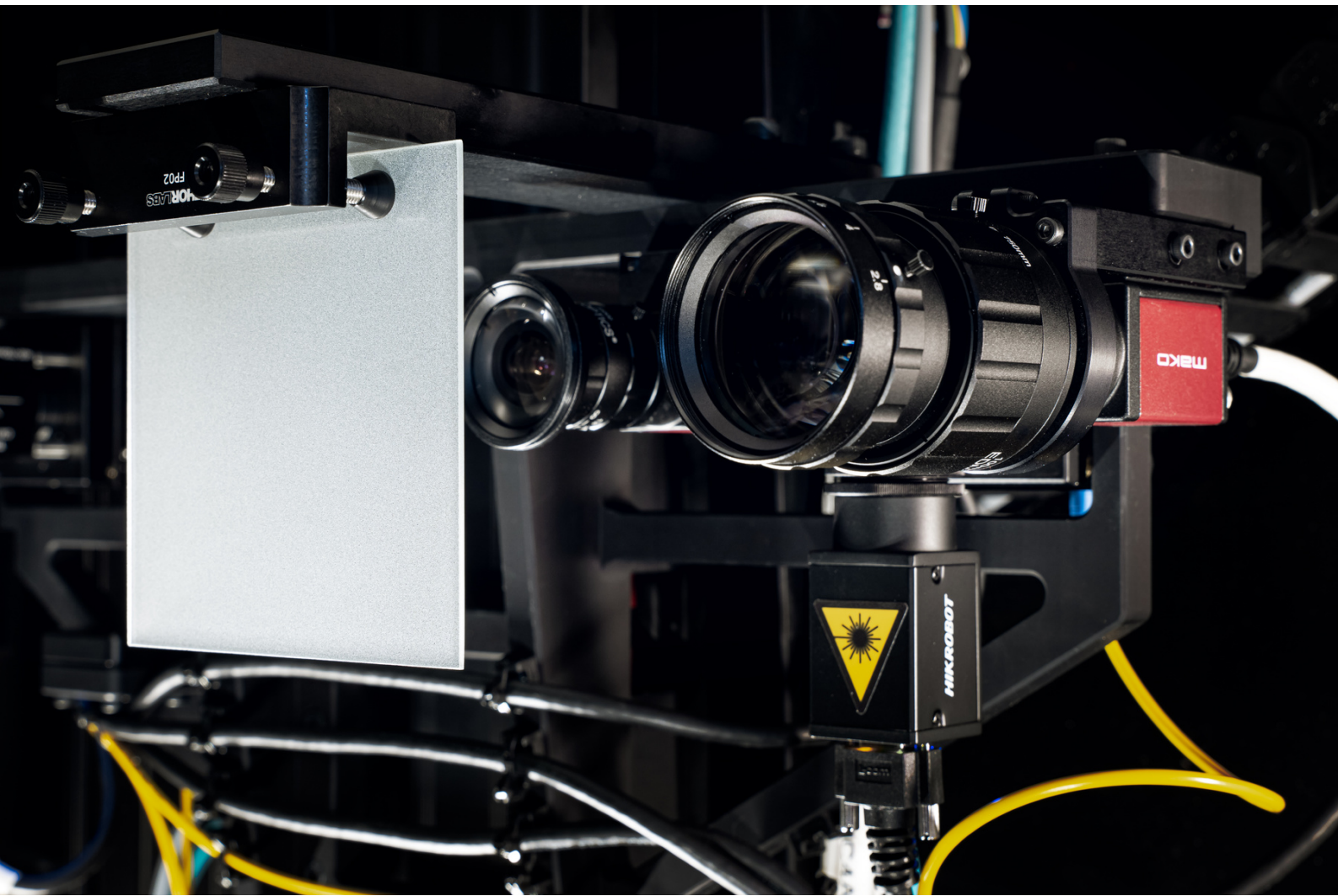
# OptoFidelity™ WG-GAT

## *High-Accuracy Diffractometer for Augmented Reality Waveguide Characterization*

Find out if your waveguide is well manufactured or not. No matter if you want to measure a holographic, a surface-relief or a polarization grating, OptoFidelity's WG-GAT reliably finds any imperfection or defect in it. Using the cutting-edge technology of Littrow retroreflection, WG-GAT finds even the tiniest manufacturing mistakes in your waveguide. And reliably so, with repeatabilities down to the atomic level.

Test your master waveguide for manufacturing quality and ensure that the centerpiece of your waveguide production is free of defects. Or test any of its replicas and ensure your duplication process works precisely as it should. There are no more surprises with WG-GAT in your production line. Using an ultra-stable laser, an arcsecond-accurate rotation stage, OptoFidelity's year of experience in optical metrology, its highly-developed vision system and the tried-and-tested analyses algorithms, WG-GAT delivers nothing but high-value data.

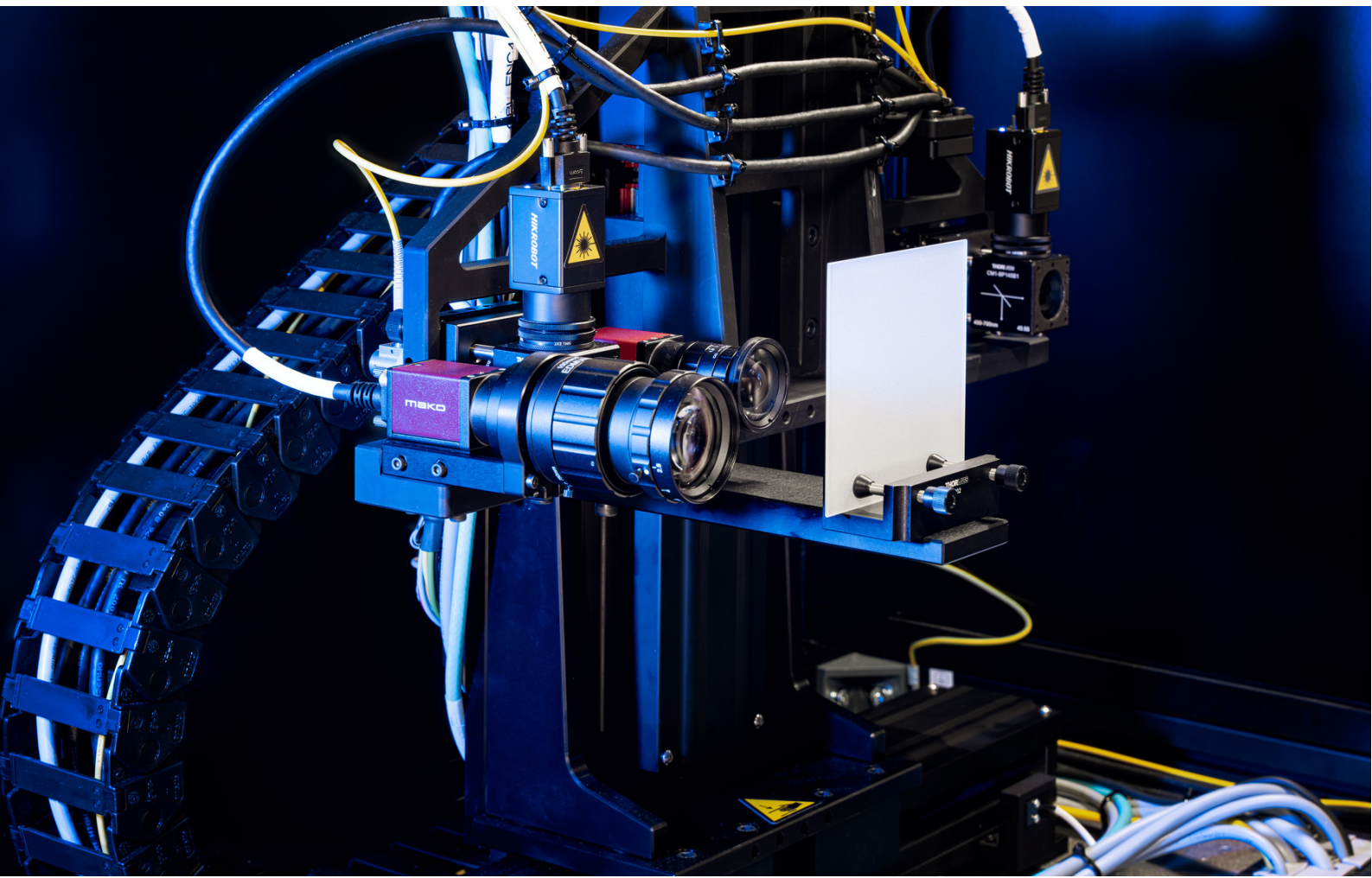
WG-GAT can also be combined with WG-IQ, where you can link particular shortcomings in image quality in your waveguide back to the defects in its grating structure.



## WG-GAT Benefits

*OptoFidelity's WG-GAT is an essential system for waveguide grating characterization*

- Quality in grating measurement from the market leader
- Benefit from a fully automated and easy-to-use systems
- Measure your masters, your replicas and your new designs
- Tried-and-tested off-the-shelf system
- Trustworthy measurement results of Littrow retroreflection
- Characterize any grating: holographic, surface-relief, polarization or any other





OptoFidelity's WG-GAT is an essential system for waveguide grating characterization for developing manufacturing methods for new designs as well as for solving waveguide image quality issues on the production line.

## 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](http://optofidelity.com)

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