



# Qlibri Nano OCA

## Absorption Microscopy of Optical Coatings

Characterize high power, low loss optical coatings with unprecedented spatially resolved measurement of minuscule absorption and scattering. Improve quality control with ultra-fast screening for tiny defects and optimize coating parameters with a new level of insight.

## Performance Specs

**< 1ppm**  
Absorption

**» 1GW / cm<sup>2</sup>**  
Power density

**~ 1μm**  
Resolution

**10s / 0.3x0.3mm<sup>2</sup>**  
Imaging rate

# Core Benefits



## ULTRA-SENSITIVE

Sub ppm resolved absorption and scattering measurement with micrometer resolution.



## FAST

Imaging in seconds and possibility of screening whole mirrors for defects with  $\mu\text{m}$  resolution.



## QUALITY CONTROL

Quick results in quality control lines. Detect defects early.



## LOCAL FAILURE DETECTION

Detect, characterize and compare very localized and even weak local absorbing spots, light induced damage, dirt and scratches.



## ALL WAVELENGTHS

Compatible with all Wavelengths, needing only mW of laser power. UV – MIR, 1064nm, 512nm, ...

## About Qlibri

With years of experience, Qlibri enables companies to use the power of optical micro-cavities quickly and efficiently.



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