

# LIDT LASER INDUCED DAMAGE THRESHOLD

## SECURE THE QUALITY OF YOUR OPTICAL COMPONENTS

### Why LIDT?

Laser induced damage can destroy the functionality of optical components. Optics manufacturers, laser system manufacturers and optics resellers consequently need to know the threshold at which permanent laser-induced changes to the component take place in order to qualify their processes, suppliers and for quality control.

### Our Services

- according to ISO 21254
- ns-regime (1064 nm, 532 nm, 355 nm)
- fs-regime (1030 nm)
- in different environments: gas (air, N<sub>2</sub>,...), under reduced humidity (< 10%), room temperature up to 250°C

### Your key benefits

- Rapid response
- Support in qualifying optics suppliers
- Further measurement possibilities, e.g. Spectral Photometry
- Guidance in manufacturing process development
- Detailed measurement reports with full access to microscopic inspection and measurement data upon request
- Unique measurement equipment
- Possibility to be present during the measurements
- Testing under real-world conditions – tests individualized designed for your application

[WWW.RHYSEARCH.CH/LIDT](http://WWW.RHYSEARCH.CH/LIDT)

## LIDT MEASUREMENT SERVICES: CONTACT US TODAY FOR AN OFFER!

Have a look at [www.rhysearch.ch](http://www.rhysearch.ch) or ask:



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### About RhySearch

The Optical Coating Center of RhySearch, the Center for research and innovation in the Alpine Rhine Valley, offers following services:

- Dual Ion Beam Sputtering for the deposition of high quality optical thin film coatings
- Laser Induced Damage Threshold testing
- Cavity Ring Down measurements

Our goal is to further knowledge in the field of thin film coatings in order to support the optics and laser manufacturing communities. To achieve this aim we work together with renowned research institutes.

USE OUR UNIQUE  
 MEASUREMENT  
 EQUIPMENT  
 AND BEST SERVICES.



### Contact us

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