

Interesting facts

- Founding year: 1999
- Number of employees 2020: 27
- Percentage share of sales abroad (main markets): 25%
- General Information: DIOPTIC GmbH is a company in Weinheim an der Bergstrasse founded by managing director Jean-Michel Asfour. We have been developing highly sophisticated optical technologies for more than 20 years and know about their possibilities and challenges. For this we rely on the innovative power of a young team of physicists and engineers and the well-founded know-how that has grown over 20 years of DIOPTIC.

Products and Services

DIOPTIC's product and service portfolio covers a variety of optical topics.

- Our **inspection system ARGOS** is used for the objective and reproducible testing of optical surfaces according to ISO 10110-7. The result of the measurement is summarized in a test report, which shows among other things the defects and contamination of the test object.
- Our company is market leader in **computer generated holograms** for ultra-precise surface metrology for aspheres with interferometers and for laser beam shaping.
- We offer **high-performance infrared lenses**, from microscopy to wide-angle and telephoto lenses. They are able to detect the smallest temperature differences with very high spatial resolution.

In the fields of **quality inspection systems** and **optical design**, our range of services extends from the first sketch of an idea and feasibility studies to the development of prototypes and support of series production.

Target markets and applications

Our specific know-how forms the basis for finding tailor-made solutions for our worldwide customers from the **medical technology, automotive** and **optical industries**.

We develop test and adjustment systems for the latest generation of laser distance sensors (**lidar**) for autonomous driving.

The market for **VR/AR glasses** is developing steadily. We support the growing requirements both in the field of optical design and by developing suitable testing systems.

With our innovative multi-zone CGHs, the individual lenses of imaging optics can be aligned relative to each other with previously unattained accuracy. For example, our CGHs are used to align the optical elements of ESAs EUCLID **space telescopes**.

Features

Challenging customer requests are our incentive and give us the opportunity to use our creativity and innovative power and to sound out the limits of physics. Our success begins with attitude. At DIOPTIC the right attitude means that we dedicate ourselves to a task with care, prudence, commitment and passion. These are ideal conditions for jointly developing unique solutions. It is our claim to always go to the limits of what is possible, and our customers appreciate this.

