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μ Phase[®] Application

Surface Profiling in a Variety of Industries

μ Phase[®] is the interferometer with the widest spectrum of applications. With its modular concept, the compact design and the simple adaption to different reflectivities it allows not only for surface profiling of lenses but also for all kinds of components with reflectivities between 0.3% and 100%.

Components measured with μ Phase[®] Interferometers

- Spherical, aspherical, cylindrical and toric optical surfaces
- Ophthalmology: Contact lenses, intraocular lenses and molds
- Adaptive mirrors
- Fiber endsurfaces
- Laser diode facettes
- Ball measurements of different materials
- Heat sinks
- Seal surfaces (e.g. metal, ceramic and synthetic materials)
- Automotive applications, e.g. fuel injection nozzles
- Medical applications, e.g. artificial hip-joint
- Ultra precision diamond turning machines with integrated μ Phase[®] interferometer: The sample is measured directly in the machine, no need for time consuming and error prone replacement and alignment of the sample.

