Kampf Telescope Optics GmbH



Kampf Telescope Optics (KTO) is a & Medium-sized Small **Enterprise** (SME) specialized in design and realization of innovative and demanding optical in systems, particular for application in fusion and space industry.

Optical systems for extreme environments

The range of activity encompasses design from components to system level of optical systems such as endoscopes, telescopes, interferometers, etc

Our focus is on optical systems with specific requirements such as:

- operation in extreme environments,
- high performance,
- high reliability,
- low mass,
- radiation hardness,





Applications

- Astronomy and earth observation (e.g. XIPE, EUCLID)
- Diagnostic instruments for fusion (e.g. ITER)
- Ground-based telescopes (e.g. MICADO for E-ELT)

Design drivers fusion

Up to 400°C



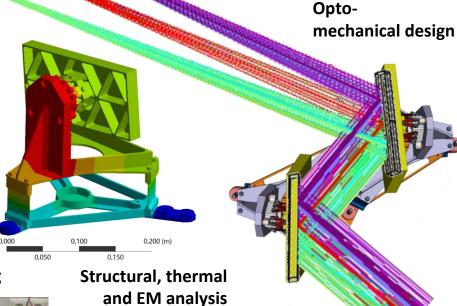
Kampf Telescope Optics GmbH



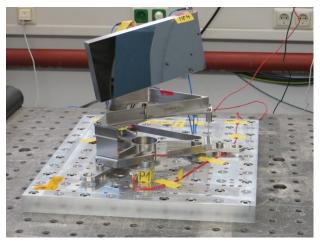
Optical design

KTO is a SME with system capabilities. All key competencies, such as project management, system engineering, optical design, opto-mechanical design, FEM analysis, straylight and optical performance analysis, are performed in house.

The team delivers working solutions for critical key technologies, such as precise optical mounts, stable optomechanical structures and sophisticated mechanisms.



Assembly, integration and testing



Company information

Kampf Telescope Optics GmbH (KTO) Alois-Gilg-Weg 7 81373 Munich, Germany

Phone: +49 (89) 5404 285-00 Fax: +49 (89) 5404 285-19 eMail: info@ktoptics.de Web: www.ktoptics.de

Business areas

From components to system level

- System studies
- Optical design
- Mechanical design
- Analysis (structural, thermal & EM + optical performance)
- Assembly, alignment, tests
- Commissioning
- Environmental tests

Consulting

- Design review
- System engineering
- Management support

