
Company

Menhir Photonics is an innovative and dynamic Swiss laser manufacturer that provides cutting-edge laser solutions known for their unparalleled robustness and reliability to customers worldwide, in the field of telecommunications. Our company is headquartered in Zurich, Switzerland, and our team comprises experienced professionals who specialize in the development and production of ultrafast lasers for aerospace, telecom, and metrology markets. As we continue to expand our operations, we are currently seeking an outstanding **Optical Packaging Engineer** to join our team at our development and production site located in the vicinity of Zurich.

Mission

We are seeking an experienced and dynamic **Optical Packaging Engineer** to strengthen our development and manufacturing processes team. As optical packaging engineer, you will be developing the next generation of optical packaging for Menhir Photonics lasers. This development aims to deliver robust and easy to produce products, while preparing the path towards high-volume and automatized production. This is an exciting opportunity for an individual with a proven track record in optical packaging and high-scale manufacturing.

You will be responsible:

- Designing protective packaging for Menhir Photonics' lasers.
- Selecting appropriate materials for packaging.
- Prototyping and testing packaging designs.
- Ensuring proper alignment and integration of optical components.
- Documenting designs and test results. Creating manufacturing processes and documentation.
- Cost optimization of packaging.
- Ensuring regulatory compliance and continuous improvement.
- Managing projects and other related technical activities.



Requirements

- Minimum 2-5 years of optical packaging experience, with a solid understanding of light delivering technologies.
- Familiarity with industry standards and regulations related to optical components and systems, as well as emerging trends in optical technology, is beneficial.
- Knowledge and previous experience with opto-mechanic and electro-optic integration, hermetic sealing, alignment, bonding, and encapsulation) and optical components reliability (e.g. familiarity with Telcordia/MIL (military) standards.
- Proficiency in designing and packaging optical components and systems is crucial. This includes knowledge of CAD software for designing optical layouts, packaging structures, and thermal management systems.
- Understanding various materials used in optical packaging, as well as manufacturing processes such as precision machining, injection molding, and thin-film deposition.
- Ability to perform optical testing and characterization of packaged optical systems.
- Degree in Optical Engineering.

The benefits

- Entrepreneurial company with a non-hierarchical mindset.
- High exposure and directly working with senior management.
- Open work culture where your inputs, individuality, and concerns are always taken into consideration.
- A passionate and international team where you can move the needle to create a sustainable impact.
- Team events and team building activities throughout the year.
- 25 days paid annual holidays.
- Public transport subsidies (900 CHF/year).
- Comprehensive social insurance package.
- Flexible work hours with a time-tracking system for transparency and flexibility.

The offer

- The position offered is a full-time position with a starting date from 1st of May 2024.
- The workplace is located at our development and production site near Zurich (Glattbrugg).

If you are interested in learning more about this offer and getting to know us, **please email your CV and tell us more about you at contact@menhir-photonics.com**