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## About the company

Qplox is a fast growing company offering test and automation engineering. Headquartered in Leuven, our clients are major multinational enterprises and local companies from automotive, semiconductors, RF, consumer electronics.... Our consultancy department offers services in RF, semiconductors and electronics design at epend test. Our Test automation group offers a one stop shop for design of test benches, system integration production and lab automation solutions.

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## Job Description

As an optomechanical engineer you will be working with application engineers in the life science technologies department, design engineers from the photonics design group, and system engineers working on healthcare technologies. You will design, build and test optical test stands for cell detection and life science applications. You will also design, build and test compact optical and microfluidic solutions with discrete optical and fluidic elements in miniaturized form factors.

Your primary tasks and responsibilities will include:

- Work with application engineers and system engineers to design, build and test optical test stands for custom photonic devices
- Based on application requirements, design, build and test miniaturized optical systems combining chip-based integrated photonic devices and (customized) discrete optical components
- Modeling of optical systems using optical modeling software to estimate performance, refine specifications and evaluate robustness
- Design and build mechanical test fixtures and implement hardware automation to streamline optical and microfluidic test protocols when needed
- Collaborate with specialists from our cross-disciplinary design and technology teams;
- Work according to agreed customer timelines and report on progress internally and to customers.
- Manage time effectively according to aggressive project schedules.
- Quickly adapt to new project requirements.

Work closely with an interdisciplinary team of engineers and biologists.

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## Candidate Description

- Preferred Qualifications: Masters or PhD degree in Optics, Electro-Optics, Physics or similar technical degree and 3+ years related experience
- Candidate should have direct experience in the design, integration and test of optical systems or test equipment used to produce optical systems (i.e. hands on).
- Proficient in use of optical design software such as Zemax or Code V
- Ability to quickly write test scripts or automation routines using Labview, Matlab, Python or similar
- Some experience in mechanical or electrical prototyping is beneficial
- Prior experience with microfluidic set-ups is considered an asset
- You have experience working in a research or development environment with an interdisciplinary team.
- You are a team player.
- You are fluent in English and have excellent communication skills.

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## We offer

An attractive salary package with extra benefits. A high tech, multicultural and young ambient. A fast track in a growing company. Formation in multidisciplinary environment plenty of learning opportunities.

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## Contact

Send your CV and application letter to [jobs@qplox.com](mailto:jobs@qplox.com) with the subject "Test automation engineer"

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