



Mechanical Engineer in Life Science Tech

About the company

Qplox specializes in product qualification and release. We offer consultancy and engineering services for test and lab automation, characterization, verification, validation and end of line test. For a wide range of products, and with special focus in High tech.

Our engineering department develops custom made test and automation systems, electronic prototypes and test benches. Our consultancy department offers our clients a complete solution for their high tech qualification needs. From RF, Photonics, semiconductors... our engineers can help in the qualification of all your advanced products.

Job Description

You will be a member of the qplox R&D team, and working for our customer in the region of Leuven.

The successful candidate needs to be a technical expert in the following areas

- Design and build prototype hardware system for R&D projects, including optical and electronic housings, fluid sample delivery cartridges, and assembly and test fixtures
- Assess design tolerances and tolerance stack-up to optimize design of mechanical parts and assembly protocols
- Evaluate and select production technologies for rapid prototyping and long term manufacturing
- Fabricate prototype mechanical parts, either in-house or using external vendors.
- Interface with external vendors for selection of components or procurement of customized parts
- Work according to agreed customer timelines and report on progress internally
- Provide trouble-shooting and debugging support for internal users
- Quickly adapt to new project needs
- Work closely with an interdisciplinary team of engineers and biologists
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Candidate Description

- You have at least a Bachelor's degree or other equivalent training in mechanical engineering, industrial engineering, or other related disciplines with at least 5 years of professional experience in 3D CAD design and fabrication of custom mechanical systems. Industry experience is preferred with life sciences product experience a plus. It is essential that you are a hands-on person with excellent engineering skills and a personal drive to achieve project goals. Experience in fluidic systems or microfluidics is an asset.
- You are proficient in the use of Solid Works or other equivalent software and have hands-on experience with fabrication of custom mechanical parts using CNC milling, 3D printing, laser cutting, injection molding or other techniques. You should also be experienced in evaluating mechanical tolerances and designing with an understanding of tolerance stack-up.
- You have experience working in an R&D environment involving early prototype development with subsequent transfer to product development teams
- You have experience managing suppliers, contract manufacturers, and/or custom design houses for development needs
- You are a team player.
- You are fluent in English and have excellent communication skills.

Key Words

Solid Works, 3D CAD design, fabrication, microfluidics, 3D printing, CNC, injection molding

We offer

Your performance and growth is monitored, assessed and rewarded, you will have an individual development plan based on your competences and interests. We offer an attractive salary package with extra-legal benefits. A high tech, multicultural and young company with fast promotion and many learning possibilities in a growing, multidisciplinary company.

Contact

Send your CV to jobs@qplox.com or surf to www.qplox.com
