

Job offer: Mechanical Detail Designer



Mechanical Detail Designer (f/m/x)

Entry date: as of now

In the development of high-precision X-ray optical systems, you are responsible for the design of mechanical components and the creation of engineering drawings. You accompany the product from development state to series production. You will participate in the technical support and analysis of series products, and will be involved in the implementation of quality and process improvement measures. In addition, you will work in the coordination and handling of customer-specific inquiries and projects. You will be responsible for mechanical and functional aspects of our optical systems and their components and serve as a cooperative connection to many different departments within the company. There is also a lot of mechanical know-how in each of our X-ray optics. We are looking for a crafty colleague for the design team who would like to take on these mechanical challenges.

Responsibilities:

- Development of innovative mechanical solutions for high-precision X-ray optical systems from the idea to series
- Creation of individual parts, assemblies and production drawings in CAD
- Conceptual design, construction and verification of precision mechanical components up to complex complete systems
- Independent work in an interdisciplinary development team
- Design and implementation of assembly fixtures and test setups
- Active participation in the implementation of production planning, quality assurance processes and documentation
- Construction, testing and verification of prototypes
- Technical contact person for suppliers and customers

Requirements:

- Technical education: Master's degree or diploma (FH), preferably mechanical engineering, precision engineering or equivalent qualification
- Experience in the development of mechanical systems as well as their simulation
- Extensive knowledge of technical materials and manufacturing processes
- Professional use of 3D design software (preferably Autodesk Inventor with FEM)
- Several years of experience in the field of optical systems desirable
- Independent and self-reliant way of working
- Sociability and team orientation
- Hands-on mentality
- Very good language skills in German and/or English

We offer you:

- A permanent full-time position in an internationally operating high-tech company
- A challenging, broad range of tasks with personal responsibility and space for personal development
- A value-oriented working environment that promotes collegial cooperation and encourages active participation
- Voluntary social benefits such as company pension scheme, subsidized lunch and profit-sharing scheme
- Vacation and Christmas bonuses
- Flexible working hours

Interested?

Please send your application documents (cover letter with salary expectations, CV and attachments)

- preferably by e-mail to [patrick.eiselt\(at\)axo-dresden.de](mailto:patrick.eiselt(at)axo-dresden.de) or
- AXO DRESDEN GmbH, Gasanstaltstr. 8b, 01237 Dresden, GERMANY