



## Charged Particle Optics Designer (m/w/d)

We are: a dynamic global high-tech company offering exciting challenges. We seek: smart, ambitious heads and capable hands to enhance our 330-strong team. Interested?

We're a leading developer of highly advanced micro- and nanofabrication equipment and solutions, and we're looking for talents and professionals that prioritize personal responsibility and results orientation.

We offer well-structured onboarding, partnership-based collaboration, and perspectives for personal and professional development, alongside people who are passionate about making a difference.

We have a full-time vacancy for a Charged Particle Optics Designer (m/f/d) at our Dortmund site to start as soon as possible.

### Your responsibilities

- Design and simulation of electron and ion columns for nanostructuring and imaging
- Design and development of technical demonstrators for functional verification of novel components and systems in close cooperation with the team members from hardware and system development
- Technical support of developments from the idea to the product launch
- Preparation of technical documentation for the interfaces
- Implementation of employee training for knowledge transfer
- Occasional international travel to conferences as well as to support client applications

### Your qualifications

- Degree in physics or equivalent
- Experience in simulation and realization of charged particle optics
- Knowledge in vacuum/high voltage technology and mechatronics an advantage
- Enjoyment of technological challenges
- Electron beam lithography experience or SEM application knowledge desired
- Knowledge in project management is an advantage
- Fluent in English
- High commitment, ability to work in a team and communication skills

Is this exactly what you are looking for? Then apply now by e-mail! Please note that we can only accept online applications with PDF attachments including gross annual salary expectations.

Push the limits



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