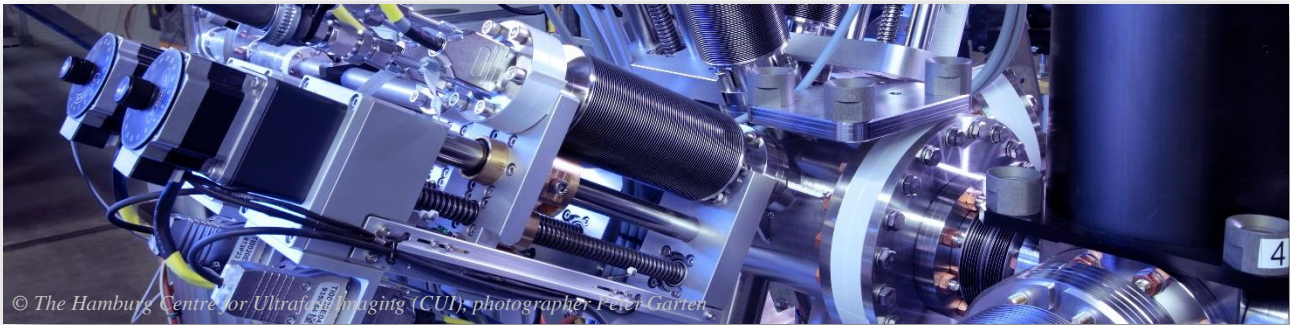


Mechanical Engineer for Instrument Development

At JJ X-Ray, we share a passion for developing mechanical instruments that will facilitate ground-breaking research results in synchrotron radiation and neutron scattering communities and Big Science Facilities all over the world. We are dedicated to deliver absolute state-of-the-art scientific instrumentation along with great design of all our products.



JJ X-Ray is in a strategic, solid growth and the order portfolio is increasing. Accordingly, we are looking for one more mechanical engineer to our talented team – consisting of 13 highly skilled and innovative engineers, physicists and technicians. They are looking forward to welcome one more gifted colleague, who will bring new ways of thinking to our company.

Design at a high level

Over the years, our product portfolio has expanded significantly in close collaboration with our expert customers and through our own R&D projects. You will have an important role in this development including:

- Mechanical design and construction of instruments with extremely fine tolerances and motions. Nano-scale resolution as well as moving mechanics under extreme conditions such as ultra high vacuum, high head load and radiation environments
- Project contributor throughout the project from public tenders to design and manufacturing, test and delivery
- Direct communication with customers through design meetings and through writing of technical reports, descriptions and documentation

Mechanical Engineer with a creative and analytic mindset

Our new colleague has the following qualifications:

- Degree in Mechanical engineering
- Experience with 3D mechanical design in Inventor or similar 3D design program
- Experience with the design of moving mechanical systems
- It is an advantage to have experience with Finite Element Methods, both mechanical and thermal, preferably also with vibrations. We use ANSYS or COMSOL
- English at a high level.

On the personal level, we expect that you are excited about working with advanced mechanical systems in the forefront of the technical development and that you master complex constructions and processes. In addition to this, you strive for high quality, take responsibility for the process and work hard to meet deadlines.

The external company language is English so a proficiency in written and spoken English is required. The internal language is both Danish and English, so there is no requirement to master Danish.

For the right applicant, this is an extremely exciting position with possibilities for both professional and personal development.

JJ X-Ray offers:

A work environment involving everyone in the projects from start to the end and with a focus on helping each other for the optimal progress.

A company that also offer a healthy and attractive environment where you are able to plan your everyday work. Are you inspired of jogging, walking or a mountain bike tour in the beautiful surroundings – you are free to do that. We offer freedom with responsibility

About the Company

JJ X-Ray is a Scandinavian company situated in Hørsholm near Denmark's capital Copenhagen. Since 1995, we have developed highly specialized components and assemblies for scientific x-ray, synchrotron radiation and neutron instrumentation. This includes micro- or even nano-precision moving mechanics under extreme conditions such as ultrahigh vacuum, high head load and radiation environments.

Application

Please send your written CV and application to:

Teknik Bureauet ApS

E-mail: sl@teknikbureauet.dk

You are also welcome to contact Susanne Lund at: +45 4121 1319. Interviews are held continuously so please send your application as soon as possible.