

## Design Engineer – X-ray Cameras (m/w/d)

Would you like to develop cutting-edge instrumentation for scientific research and industrial inspection? Our high-performance x-ray cameras are making a real difference in the world, solving problems from biological imaging to materials research. Join us and help us to develop the next generation x-ray cameras and push what is technically feasible.

### The Company

X-Spectrum is a spin-out of the DESY research institute in Hamburg, Germany. We develop and produce cutting-edge cameras and detector systems for x-ray applications at large-scale scientific research facilities as well as in industry. We collaborate with scientists and industrial customers all around the world. Our offices are in the beautiful new StartupLabs Bahrenfeld on the Campus of the DESY which fosters close collaboration with the newest scientific developments.

### Your Tasks

- Mechanical design and optimization (housing, cooling, module concept)
- Entire product life cycle from concept to small series production in close coordination with our electronics development and production teams
- Development and testing of models and prototypes
- Material selection and supplier management including quality control
- Development of custom designs according to customer specifications

### Our Offer

- A complex technical environment
- Wide and varied range of tasks with plenty of room to implement your own ideas
- High degree of independence
- Flat hierarchy
- Enjoyable working atmosphere in a creative and highly motivated team
- High-tech startup environment with many inspiring events and room for personal development

### Your Profile

- Degree in mechanical or mechatronics engineering or similar equivalent qualifications
- Relevant professional experience with microelectronics, vacuum systems or x-ray detectors preferred
- Experience with 3D-CAD systems, ideally SolidWorks
- Independent worker, strong team spirit and can-do attitude
- Fluent in German and English

We look forward to your application at [jobs@x-spectrum.de](mailto:jobs@x-spectrum.de)