

SCIENTIFIC INSTRUMENTS FOR  
SYNCHROTRONS, FELs AND  
NEUTRON FACILITIES



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**JJ X-RAY**

Danish Science Design



## ABOUT US

JJ X-Ray is a Scandinavian company located close to Denmark's capital Copenhagen.

Since 1995, we have produced highly specialized components and assemblies for scientific x-ray, XFELs, synchrotron radiation and neutron instrumentation

Slit systems are probably our most well-known product. However, we have a product portfolio which goes far beyond slits.



## WHY CHOOSE US?

- ✓ As a very agile company, we have no sharp boundaries between our departments - this gives you a better product.
- ✓ We are up to date with the latest developments in the field and are always engaged in R&D projects to get even more expertise.
- ✓ We strive hard to serve our customers both before, during and after delivery. We will be there for you all the way.
- ✓ JJ X-Ray has existed and gained know-how for more 25 years
- ✓ With careers from synchrotrons, neutron facilities and universities, we understand your priorities.

## HOW WE WORK

During the initial contact, the quotation phase, we go through project scope and together we will find the most beneficial solution - considering both functioning, quality and cost.

On major projects, we normally go through several key phases and milestones together with the customer including design reviews and acceptance tests.

Typically, the different facilities request a specific project strategy for large projects.



# THE JJ X-RAY PRODUCT RANGE



- COMPLETE BEAMLINES
- REFRACTIVE OPTICS (CRL)
- LARGE OFFSET MONOS
- SLIT SYSTEMS (AIR, HV, UHV)
- EMISSION SPECTROMETERS
- POSITIONING
- MIRRORS

## WE FOCUS ON YOUR SPECIFIC NEEDS

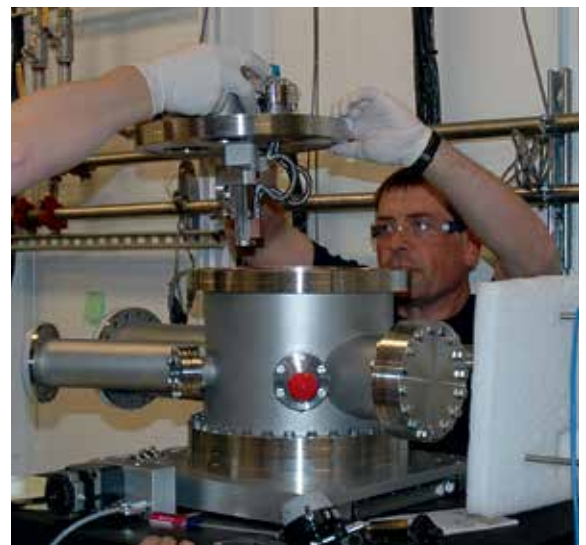
Whether you are looking for a standard or a customized solution, we always engage in your specific needs and help you find the optimum solution for your research project.

Due to our expertise and customer driven approach, our customers consider us as a reliable partner in long term business relationships. We provide them with elegant and practical solutions, reliable performance and a high level of support – before, during and after implementation.

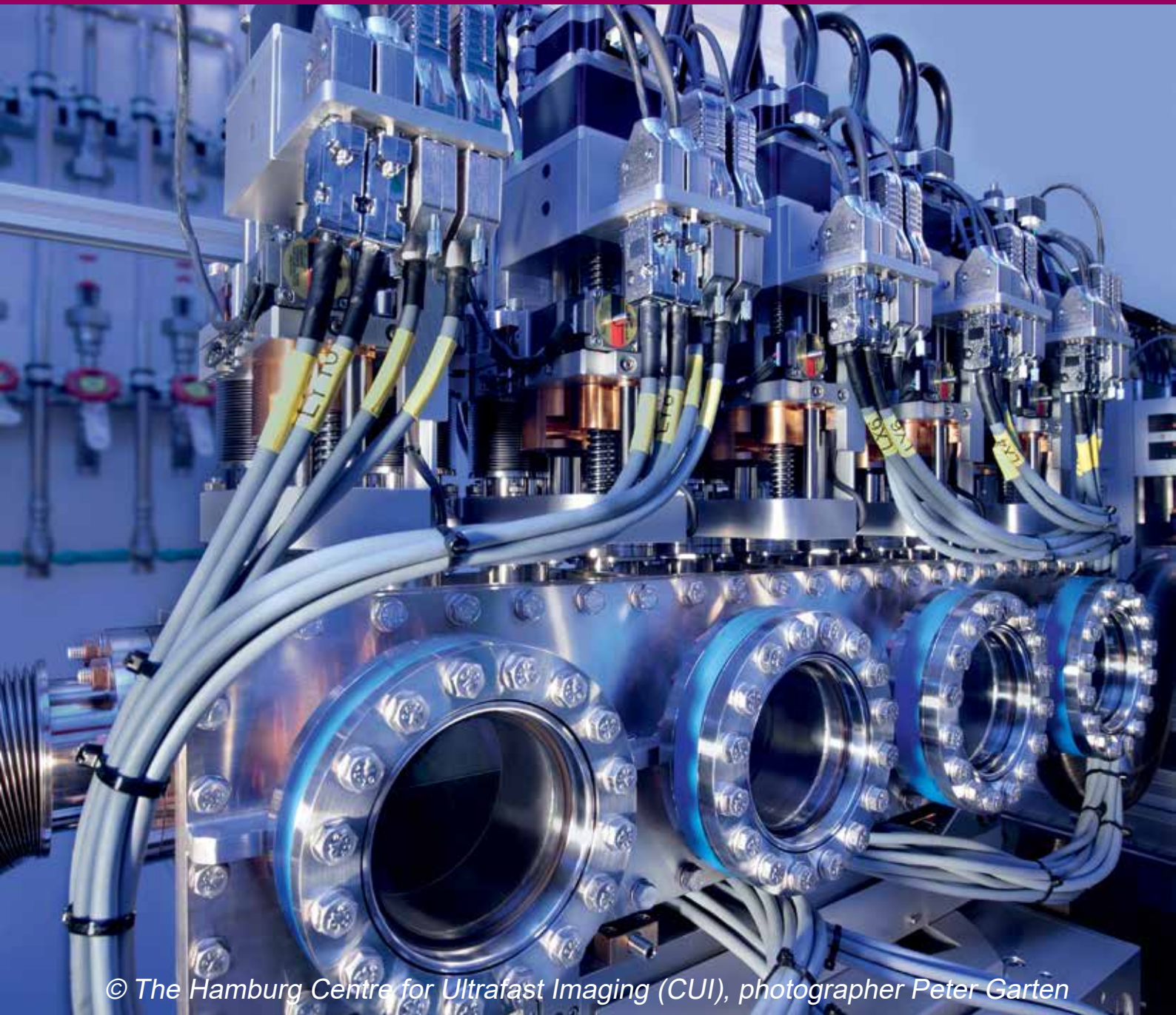
## OUR FACILITY

Internally at JJ X-Ray, we perform engineering - including simulation, mechanical design, assembly, product programming and verification. On-site, we offer the tasks of installation, training and final verification.

- ✓ Fully equipped ISO 5 cleanroom facilities for our UHV-assembly, pumping, baking and UHV-testing.
- ✓ Equipment for residual gas analysis (RGA) and Helium leak detection.
- ✓ Advanced measuring tools e.g. for coordinate measuring (CMM), laser interferometry, vibration, quantification of inclinations, roughness measuring and temperature datalogging.







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## CONTACT US

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**Synchrotron**    **Beamlines**

