

FERROVAC GMBH

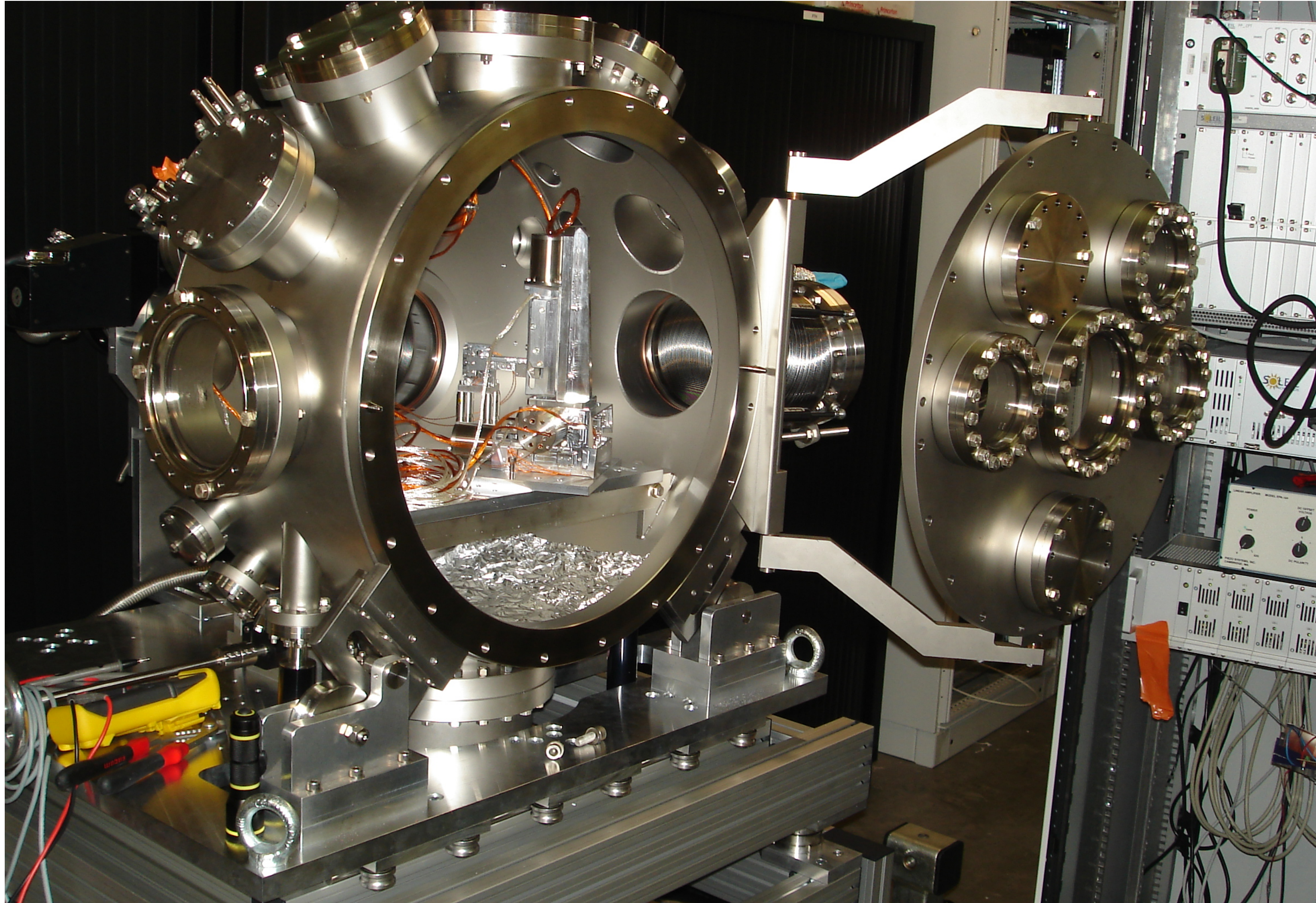
ULTRA HIGH VACUUM TECHNOLOGY

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IRMA2 :: INSTRUMENT POUR LA RÉFLECTIVITÉ MAGNETIQUE

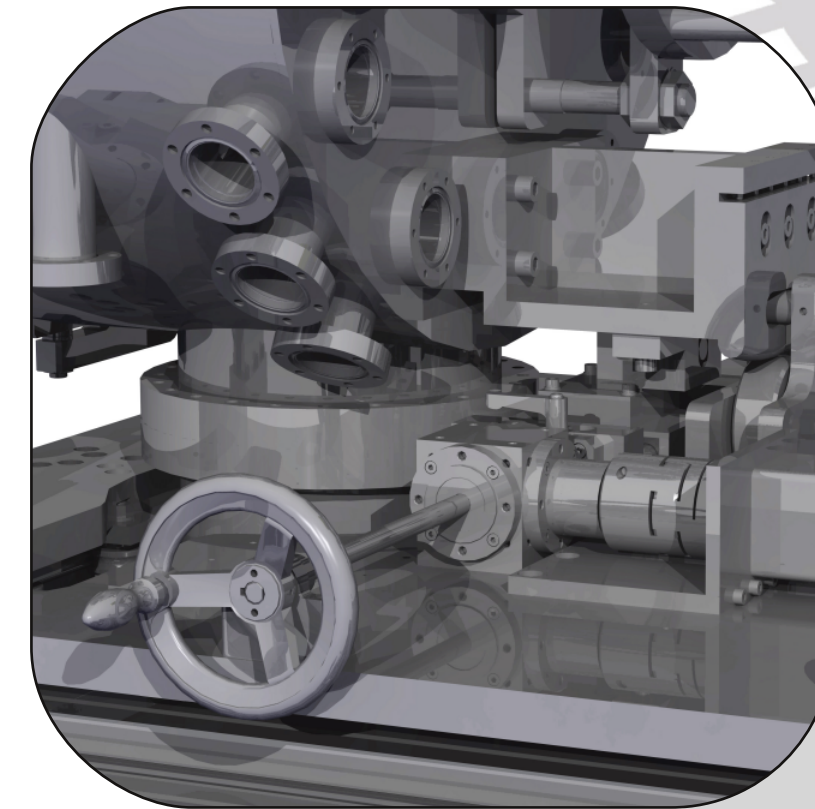


UHV-soft X-ray reflectometer for studies on thin surface layers

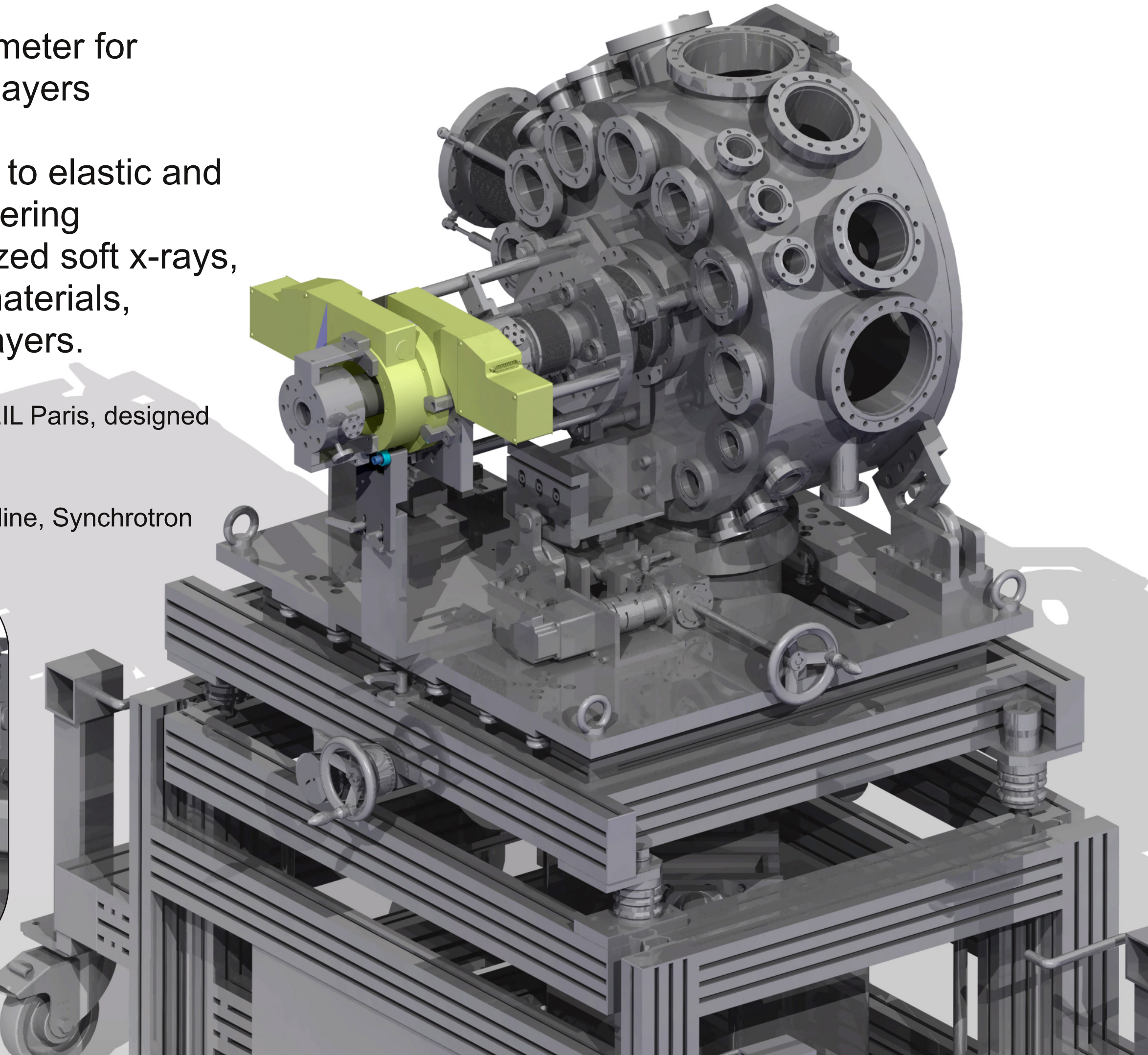
A new set-up dedicated to elastic and coherent resonant scattering experiments with polarized soft x-rays, focusing on magnetic materials, nano-objects and thin layers.

Developed by Synchrotron SOLEIL Paris, designed and built by Ferrovac

Operational at SEXTANTS beamline, Synchrotron SOLEIL Paris



Rotational adjustment mechanism of the chamber



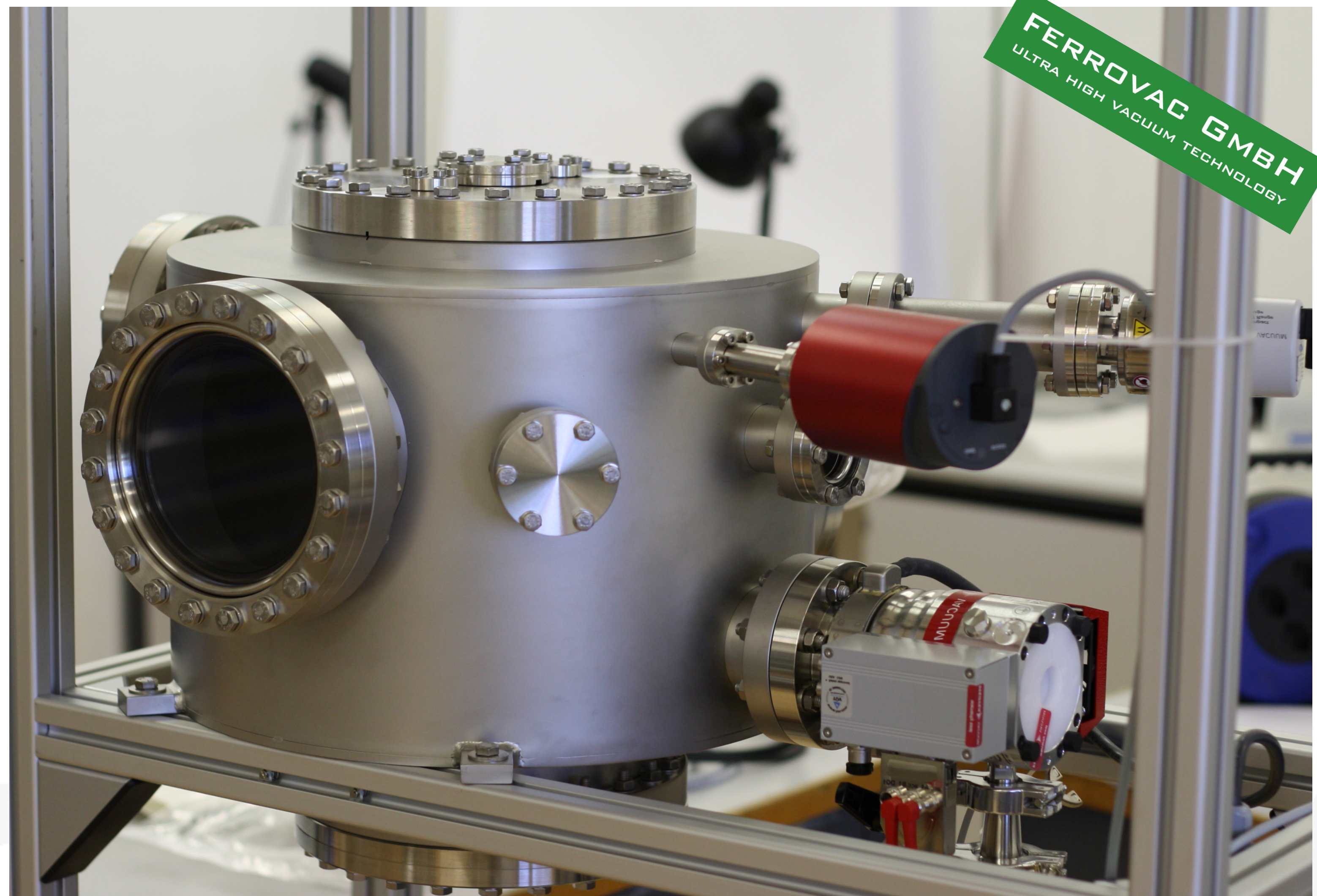
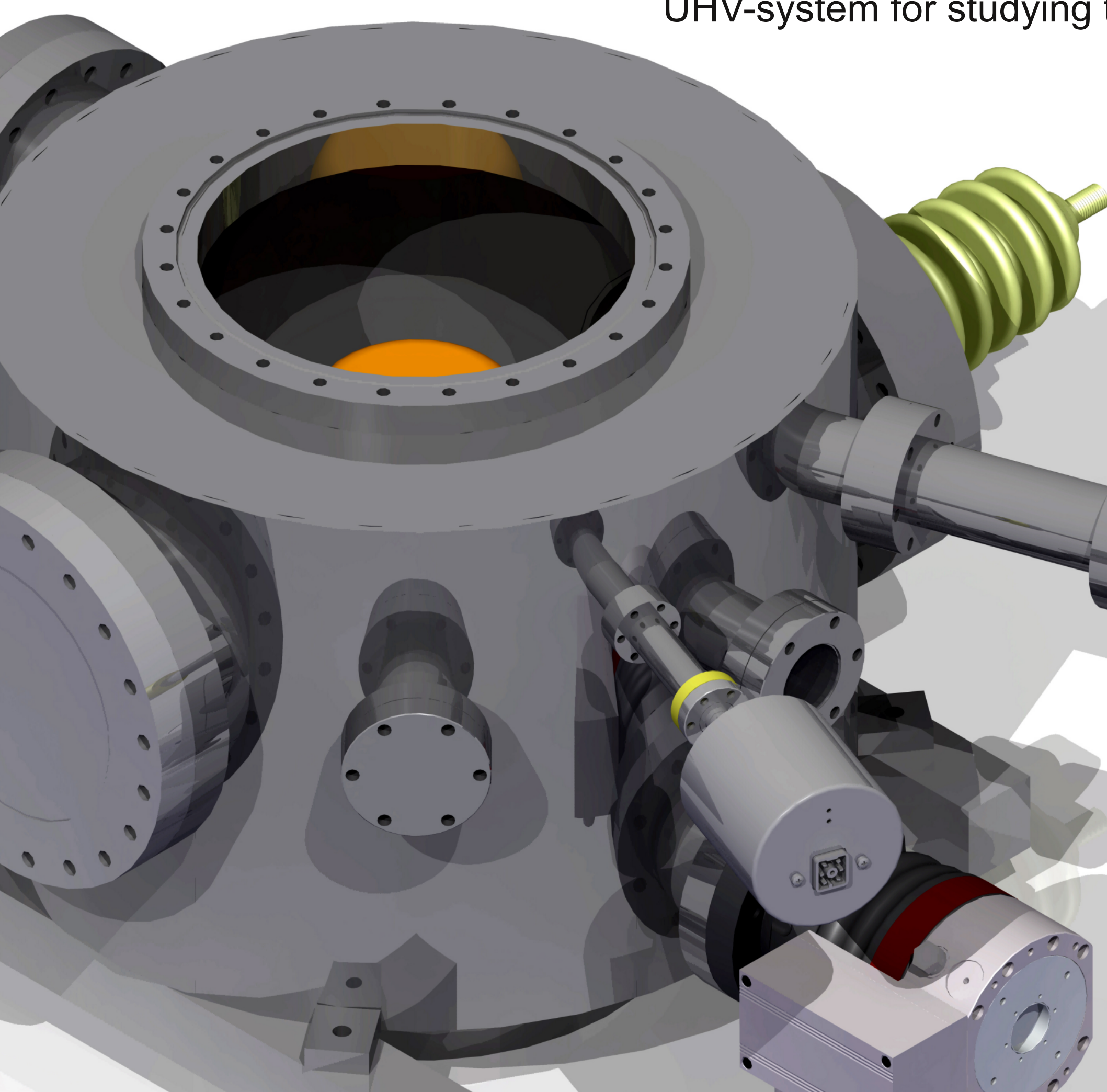
SPARX :: SWARM PARAMETER EXPERIMENT

UHV-system for studying the dielectric strength of gases

The United Nations classified SF6 a greenhouse gas. Countries are obliged to reduce emissions. Technical development must aim at decreasing SF6 emissions. For dielectric insulation applications it might be possible to replace SF6 by a different gas or gas mixture. No alternative gas is yet established. This project aims at finding a suitable replacement to SF6 through fundamental research.

Designed by High Voltage Laboratory, Swiss Federal Institute of Technology ETH Zurich and built by Ferrovac

Operational at EEH, High Voltage Laboratory, Swiss Federal Institute of Technology ETH Zurich



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SFAB :: SURFACE FABRICATION FACILITY

