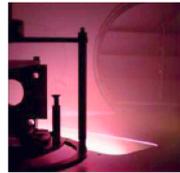
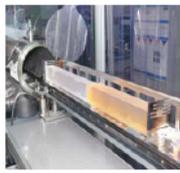


STATE-OF-THE-ART THIN FILM X-RAY OPTICS FOR SYNCHROTRONS AND FEL SOURCES

Frank Hertlein
Incoatec GmbH, Geesthacht, Germany

Incoatec develops and manufactures sophisticated multilayer and total-reflection X-ray optics as well as microfocus X-ray sources for in-house crystallography and synchrotron applications. Computerized optics simulation by ray-tracing, shaping of various substrate types as well as characterization of films by X-rays and optical profilometry complete our service profile. For Synchrotron Beamlines we especially offer ultra-stable total reflection optics for FEL's, multi-stripe multilayer optics and deposition of thin films on substrate lengths up to 150 cm.

Incoatec: Innovative Coating Technologies



- Incoatec is founded with Bruker AXS in 2002
- Own R&D activities and application lab
- over 12 years of experience in X-ray optics and over 18 years of experience in thin film technology

