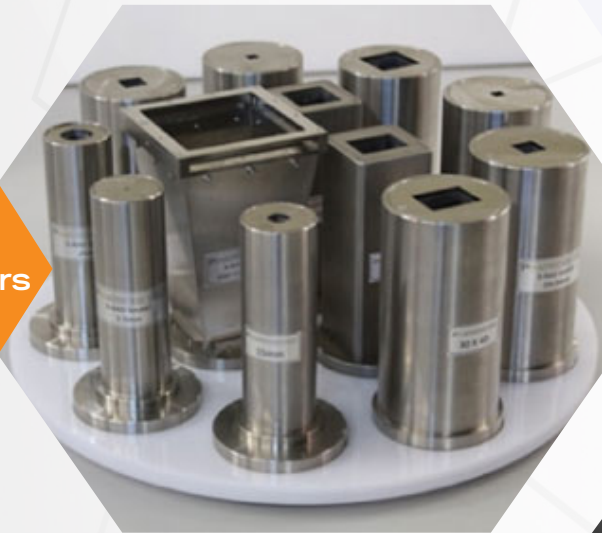


EXPLORE THE POSSIBILITIES

FLEX Collimator



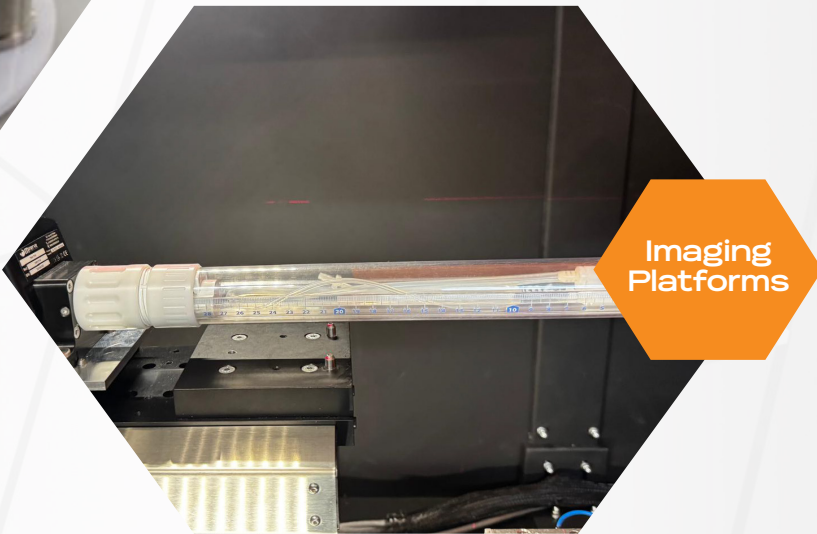
Fixed Collimators



Dosimetry



Anesthesia



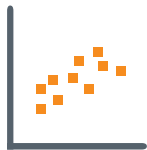
Imaging Platforms



Whether a new or existing customer, Precision X-Ray, Inc. will be with you every step of the way



Service Packages
From single to multi-year warranties, we offer plans that fit your service and budget requirements.



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Visualizing dose variations across the irradiation field to enhance experimental accuracy.



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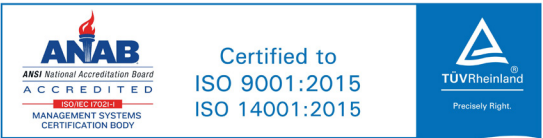


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Our experts help get your experiments running and support you as your research evolves.



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Fluorescent, Bioluminescent, and Chemoluminescent imaging. Allow for real time tracking of tumor progression before, during, and after treatment. See clearer and more precisely than ever before.

CBCT & Micro CT

Onboard cone-beam CT imaging replicates the clinical geometry, rotating the panel and x-ray tube about the specimen for optimal image quality and industry-leading targeting accuracy. For even higher resolution images, MicroCT is available to image fibrosis and internal bone structures.

Multi-Modality Targeting

By integrating and co-registering multiple imaging modalities, both on-board and from external sources, the SmART+ can visualize and target nearly any tumors. Molecular imaging allows tumor progression tracking and online adaptive radiotherapy studies.



FLASH

High-throughput, accessible FLASH treatments for repeatable and reproducible experiments at high volumes. Easily convert the system from FLASH to conventional for direct comparisons

Advanced Treatment Planning

Plan precise radiotherapy with accurate dose calculations for complex beam arrangements including arc treatment and non-coplanar beams. Integration with imaging ensures efficient and clinically relevant research.

Accelerate Your Beamline

Integrate with any beamline, compare photon and particle therapies, and leverage SmART+ for advanced image guidance.

The SmART+ Image-Guided Radiotherapy (IGRT) platform mimics clinical radiotherapy, integrating C-arm LINAC, advanced treatment planning with 3D anatomical and functional imaging.

