



PRECLINICAL IMAGING

Preclinical Imaging Instruments

Multimodal Solutions Empowering Breakthroughs
in Life Science Research

Innovation with Integrity



BioSpec Ultra-high Field MRI

11.7 T to 18 T enabling groundbreaking research in small animals with unparalleled sensitivity and resolution



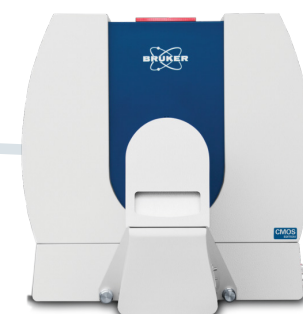
BioSpec MRI

7 T to 9.4 T with greatest versatility for a large range of in vivo preclinical models



BioSpec Maxwell MRI

Small footprint 3 T to 9.4 T with no liquid Helium filling for in vivo imaging of small rodents



SKYSCAN 1276

Highest resolution benchtop micro-CT for a large range of in vivo preclinical models



X4 POSEIDON

Modular benchtop platform with micron-scale resolution for ex vivo X-ray imaging of biological specimens



SKYSCAN 2214

Multiscale X-ray microscope for analysis of biological specimens at nanoscale resolution

MRI

μCT

In preclinical imaging, utilizing multiple modalities enhances the ability to fully understand biological events and processes. Bruker addresses this need by offering the broadest range of preclinical imaging modalities. By combining functional and structural imaging with MRI, PET, SPECT, μCT, BLI, and FLI, Bruker enables researchers to gain a more complete view of biological and physiological mechanisms.

Bruker's advanced standalone and multimodal preclinical imaging instruments provide perfect solutions for research in a broad spectrum of life science application fields, such as oncology, neurology, cardiology, inflammation, infectious diseases, functional and anatomical neuroimaging, orthopedics, cardiac imaging, and stroke models.

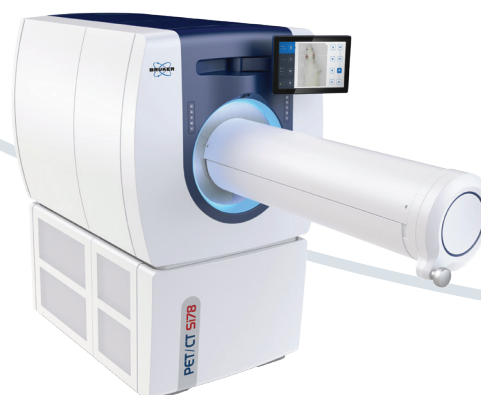
CUBES

Modular benchtop PET, SPECT, & CT imaging at smallest footprint



PET/CT - Si78

High-performance floor-standing PET/CT imaging for larger animals & full multi-modal compatibility



PET Insert

Simultaneous total body PET/MR imaging for mice and rats from 3 T to 9.4 T



SPECTRAL KINO

Powerful yet personal, 3 mouse benchtop BLI/FLI imaging system



SPECTRAL AMI HTX

High efficiency workhorse, 5 mouse BLI/FLI/X-ray benchtop imaging system



SPECTRAL LAGO X

High Performance, high throughput 10 mouse imaging system for BLI/FLI & X-Ray



NMI

BLI/FLI

Software

Optimized acquisition, visualization, and analysis software streamlines workflows, making research easy, accurate, and productive. In addition to intrinsically integrated ParaVision, 3DSuite, CUBEFLOW, and Aura software, pmod provides fully quantitative data analysis, visualization, and kinetic modeling complemented with a Scientific Data Management System.



The PCI Community

PCI instruments are more than just instruments. They are part of a connected family, empowering researchers across the globe. The PCI Community is a global network of users, experts, and application scientists sharing knowledge and resources to support each other day in and out.

Bruker BioSpin is continually improving its products and reserves the right to change specifications without notice. Order No. 10/2025 BS-100092 © 10/2025 Bruker BioSpin.

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Preclinical Imaging

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