



MRI Upgrade Program

● Stay on Track

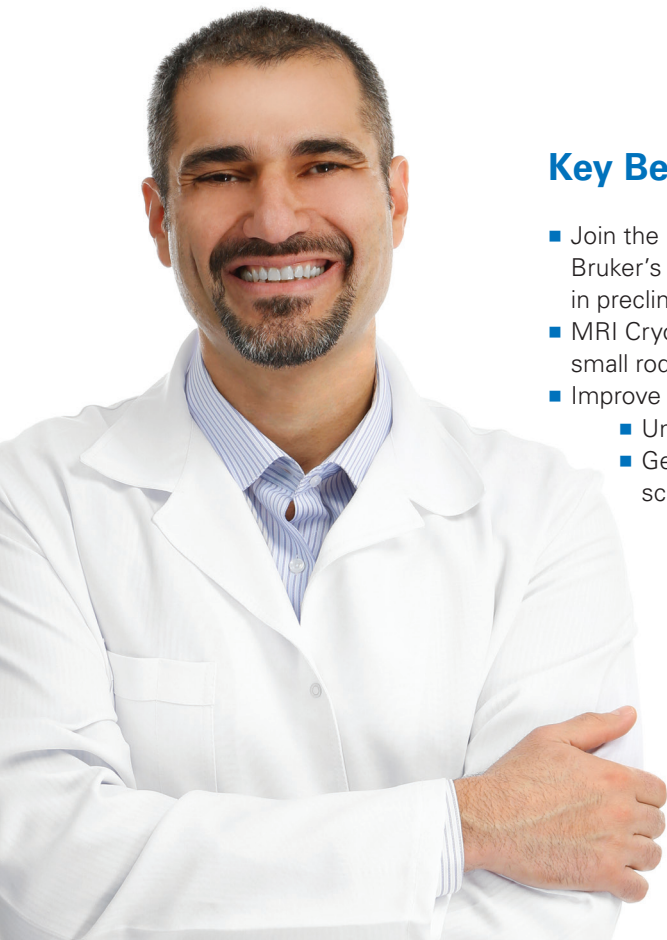
A New Vision for the Future

Stay on the leading edge and upgrade your MRI console to the latest technology available. As the world leader in preclinical MRI system installations, Bruker offers unique expertise and application power to support your work. Benefit from Bruker's outstanding innovations such as the MRI CryoProbe™ for highest resolution or accelerated imaging.

Bruker offers several upgrade packages tailored to your needs and comprehensive services to make this transition an easy one. Agilent customers welcome!

Bruker is committed to attentively listen to your needs and requirements and to offer the best and most innovative tools in preclinical MRI. By doing so, Bruker strives to become the partner of choice for all preclinical MRI users. We would appreciate the opportunity to welcome you to the Bruker PCI world!

- Wulf-Ingo Jung, President of Bruker BioSpin PCI Division



Key Benefits

- Join the largest preclinical MRI customer base and benefit from Bruker's outstanding technical innovations and long term experience in preclinical MRI.
- MRI CryoProbe: The most wanted SNR boost in preclinical MRI with small rodents
- Improve your efficiency by ParaVision®6 with intuitive workflows
 - Unmatched method portfolio & application packages
 - Get started quickly with ready-to-use in vivo optimized scan protocols
 - Open sequence programming framework
 - Latest AVANCE III HD electronics delivers an unprecedented digital control architecture for high speed and high quality MRI and MRS, supporting magnetic field strength from 1 to 21 Tesla
 - Fully automatic hardware recognition and scanner setup including smart power management
 - Largest RF coil portfolio
 - Dedicated small animal handling & life support equipment
 - Customized projects



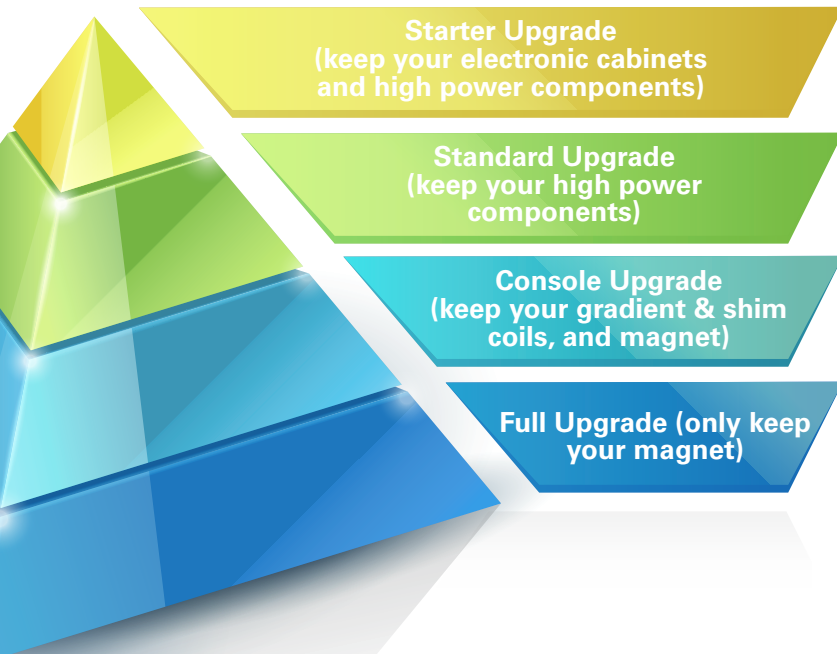
● What our Customers Say

“We were pleased and relieved to learn about the console conversions provided by Bruker and are looking forward to obtain a fully upgraded system. In addition to optimizing and extending our current capabilities, we are very excited to add a ¹H cryoprobe for our highly specific imaging needs.”

- Robert Gillies, Chair of Cancer Imaging & Metabolism,
-Gary Martinez, Facility Manager of Small Animal Imaging Lab.,
H. Lee Moffitt Cancer Center

“We are happy to share that using our converted Bruker console, we are successfully acquiring a wide range of datasets, including awake state fMRI on rats and DTI on birds.”

Thomas Neuberger, Director High Field MRI Facility, Penn State



Flexible Upgrade Possibilities

Bruker offers various upgrade possibilities with full flexibility to meet your scientific and budget requirements. Many parts of the original console from third party vendors may be maintained wherever reasonable and technically possible. For details please contact your local Bruker dealer.

Upgrade Process

Our skilled engineers will analyze your system and tailor a solution to your needs. Our standardized procedure comprises a site survey and allows you to maintain as many components as reasonably possible, including:

- Older Bruker components
- Cryogenic MRI magnets from Agilent
- Gradient/shim coils from Agilent or RRI
- Gradient amplifiers from Analogic or IECO
- Shim amplifiers from RRI
- RF amplifiers from AMT or CPC
- RF coils from RAPID

● Leave it to the Experts for a Long Scanner Lifetime

Bruker offers comprehensive customer support within our LabScape service product portfolio, including other manufacturer magnets and refrigeration systems.

Magnet and Magnet Refrigerator Planned Maintenance

Regular planned maintenance of the cryogenic cooling system of a MRI magnet is essential to ensure function, reliability, and give care-free operation. The package includes:

- Integrity check of the magnet and refrigerator system
- Refrigerator and Helium compressor service with absorber, rotary valve, and cold head assembly replacement
- All required parts and labor for planned maintenance are included
- Liquid Helium refill upon request
- Flexible service visit scheduling

Complete Care MRI Console Maintenance

An all-embracing annual planned maintenance inspection of the instrument console and electronics specifications including an emergency breakdown service:

- Full check of main system specifications
- Including all parts and all labor required for the repair or reinstatement of the instrument console including factory repairs
- Guaranteed response and callout times including unlimited breakdown callouts
- Provision of loan units (electronic modules and sub-modules) for minimized instrument downtime
- "Fast Track" factory repairs including express shipping
- Cover against accidental damage to the console by authorized users
- Unlimited telephone and / or email support
- Remote diagnostics (using WebEx™ or TeamViewer™)

Make Use of our Expert Educational Programs

Stay connected with us with our customer care services and educational training worldwide.

- Local expertise at your fingertips with expert webinars & educational courses:
- Onsite expert scanner introduction
- Onsite training sessions by Bruker's application scientists
- Demo centers in EU/US/Asia and Pacific
- Stay connected and share your experience with others customers from our over 600 MRI installations worldwide by attending Bruker PCI User Meetings
- Worldwide service support at any time and any place with free e-mail/phone hotlines
- Remote Bruker support with direct access to your scanner

● **Bruker BioSpin**

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