

MesoMR Small Animal MRI System

PRODUCT DESCRIPTION

MesoMR is specially designed for in-vivo observation of animals. it is a permanent magnet system that provides high contrast images and has an intuitive interface. As a powerful and non-destructive MRI instrument, this system is widely used in life sciences for in-vivo study of tissue structures and contrast agent dispersion. The Niumag small animal MRI system is robust and has low operating and maintenance costs.

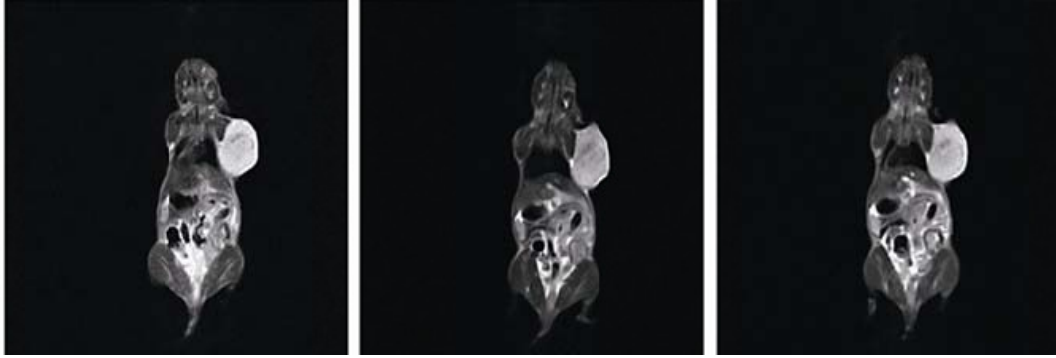
Basic parameters:

1. Magnet: permanent magnet $0.5 \pm 0.05T$
2. Probe: $\varnothing 60mm$
3. 15. Dimensions (L, W, H): $1540mm \times 800mm \times 1200mm$.
4. 16. Total Weight: 800 kg (Magnet 700 kg , control cabinet 100 kg)

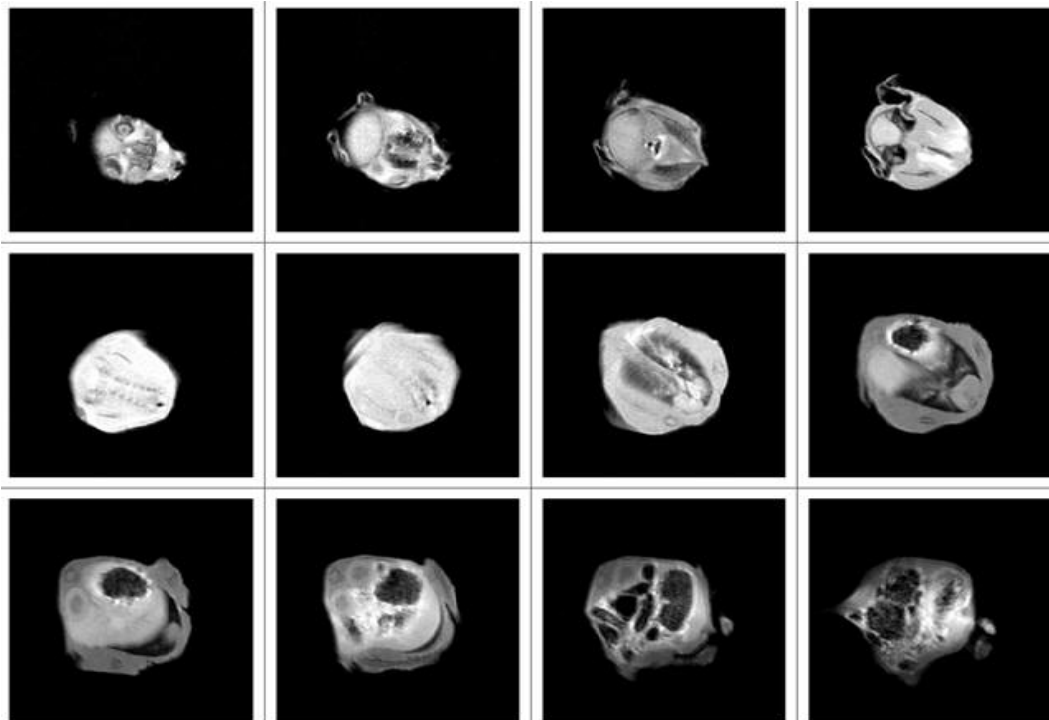
Applications:

- Drug delivery in body;
- Contrast agent in body;
- Evaluation of drug treatment of cancer;
- Drug targeting judgment;
- Screening for tumor lesion location;
- Evaluation of Nano agent relaxation effectiveness.

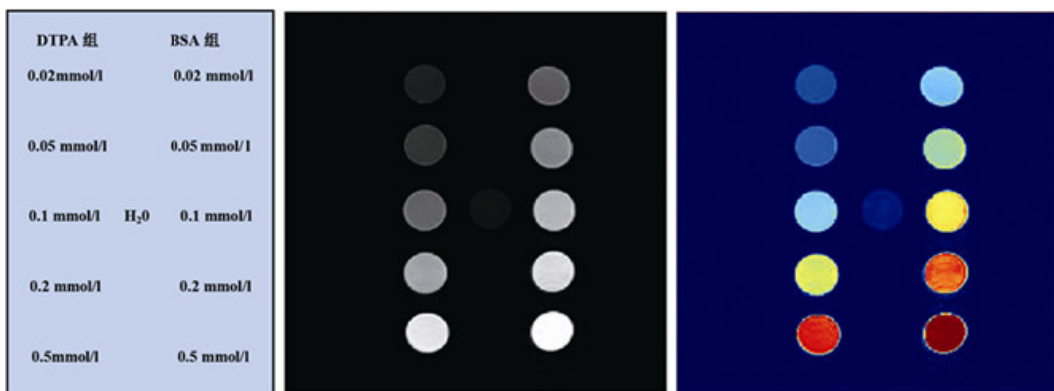




Contrast agent MRI of subcutaneous tumor



Multi-Slice MRI imaging for Rat



MRI Contrast agent imaging