

MacroMR Small Animal MRI System

PRODUCT DESCRIPTION

The MacroMR12-150H-I is an NMR analyzer and imaging system for larger size samples, combining outstanding features such as overall design, cavity flexibility, wide-range of applications, convenient handling, analysis and imaging integrated.

With rare earth NdFeB permanent magnet and NMDigI spectrometer, MacroMR12 offers high quality images. The large-diameter probe coil can handle sample size up to Ø150 mm.

Basic parameters:

1. Magnet: permanent magnet $0.3\pm 0.05T$
2. Probe: Ø150mm
3. Dimensions (L, W, H): 3300mm×1400mm×1350mm
4. Total Weight: 2.4 tons (Magnet 2.3 tons, Control cabinet 0.1 tons)

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.
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