

7 T Dual Tuned Head Coil

MR Coils Made-to-Measure

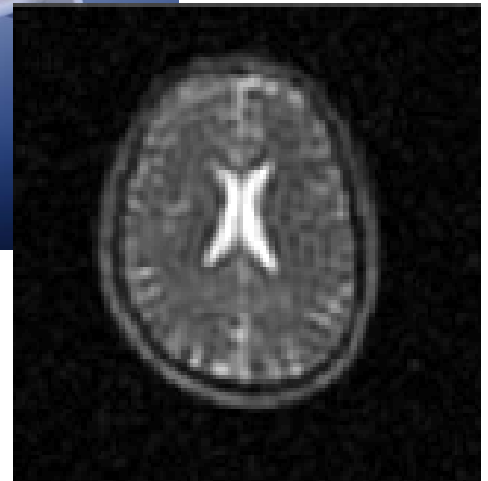
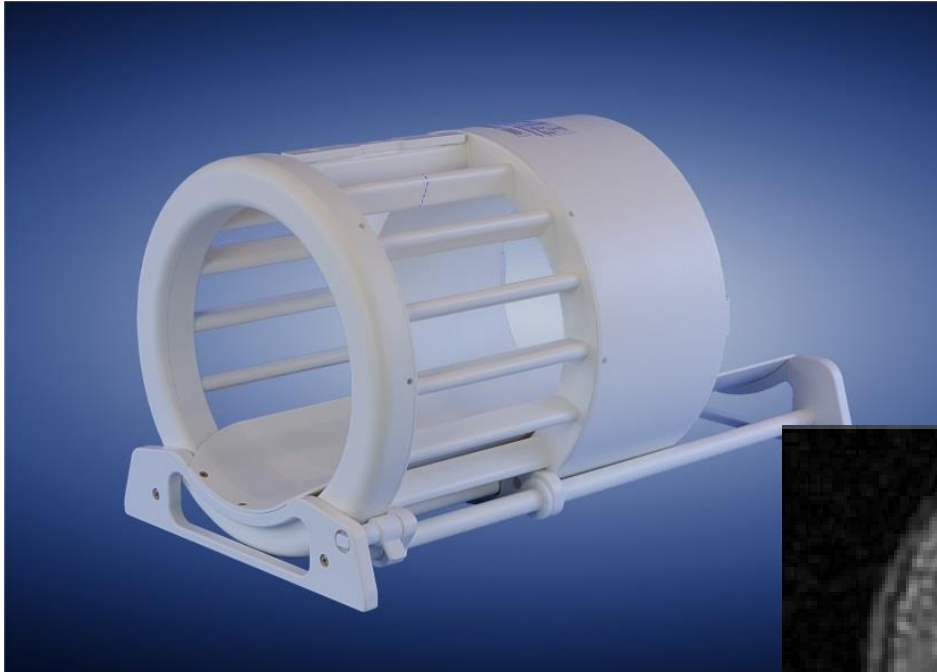


Image Courtesy: Armin Nagel
DKFZ Heidelberg, Germany

The application shows ^{23}Na on the head.

Specifications

- dual tuned coil for human head studies
- transmit / receive quadrature polarization for both nuclei
- available for $^{23}\text{Na}/^1\text{H}$, $^{31}\text{P}/^1\text{H}$, $^{13}\text{C}/^1\text{H}$ and $^{19}\text{F}/^1\text{H}$ (other nuclei on demand)
- open design
- sliding mounting mechanism for patient access
- B_0 -field strength 7T
- approx. housing dimensions of volume resonator: ID 26.5 cm, OD 35 cm
- approx. weight: 7 kg
- individually adaptable to different MR systems
- no medical device

Caution! Investigational device limited by Federal (or United States) Law to investigational use only.

Important Note: For a Siemens Terra MR system the $^{23}\text{Na}/^1\text{H}$, $^{31}\text{P}/^1\text{H}$, $^{13}\text{C}/^1\text{H}$ versions of this product are exclusively available through SIEMENS Healthcare.