

7 T 8-channel Tx/Rx Head Array *

MR Coils Made-to-Measure

Increased SNR of 7 T whole body scanners provides new opportunities that are of special interest for neurologic studies of the human head.

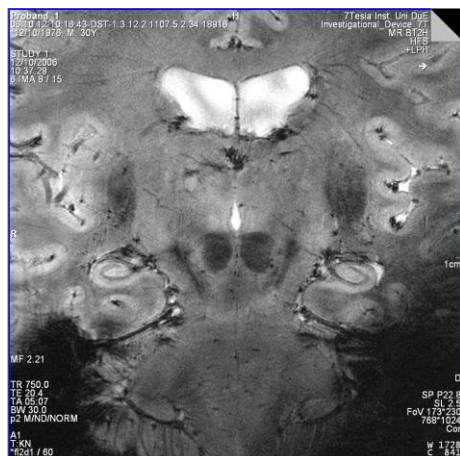


Image courtesy: Erwin L. Hahn Institute for Magnetic Resonance Imaging, Essen, Germany

- head array with 8 transmit and 8 receive channels
- supporting parallel transmit experiments
- SENSE optimized transmission possible
- housing splits into two halves for comfortable patient access
- integrated low noise preamplifiers
- individually adaptable to most established MR systems



The current rules for medical devices prohibit a CE-approval for 7 T coils. To compensate for this RAPID Biomedical runs a medical device compatible testing of 7 T coils.

Specifications

approvals	No medical device, limited to investigational use.
B_0 -field strength	7 T
dimensions	inner diameter: 23 cm outer diameter: 24.5 cm other geometry upon request
weight	4.1 kg