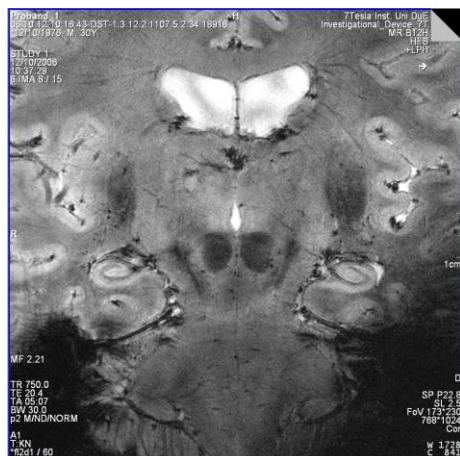
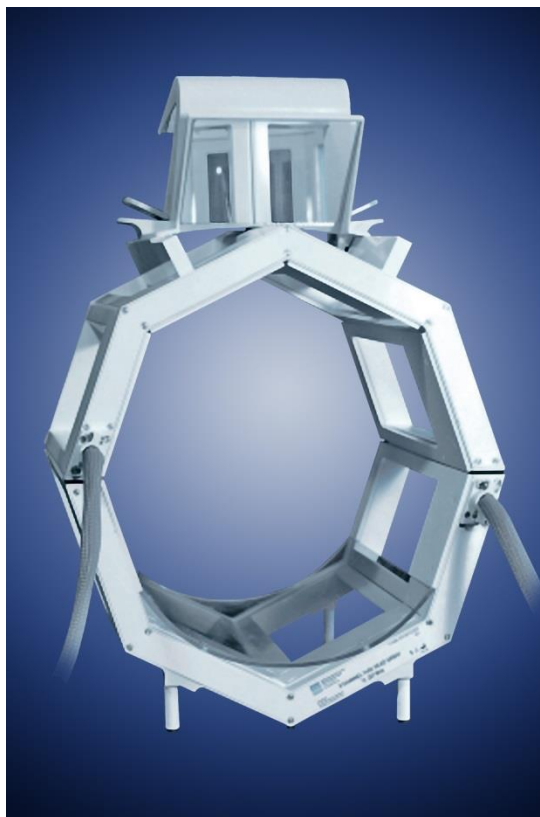


Increased SNR of 7 T whole body scanners provides new opportunities that are of special interest for neurologic studies of the human head.



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- 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, CE according to Council Directive 93/42/EEC
$B_0$ -field strength	7 T
dimensions	inner diameter: 230 mm outer diameter: 245 mm other geometry upon request
weight	4.1 kg