

PRODUCT DATASHEET

Mouse Head Coils

Specifications

volume coils

- homogeneous RF profile over the mouse head
- quadrature polarization, transmit / receive
- inner diameters from 20 to 40 mm, other on demand



surface coil arrays

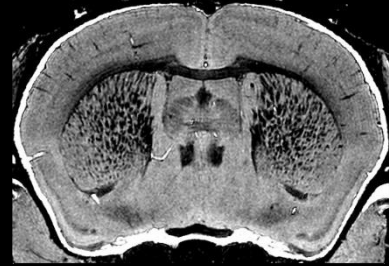
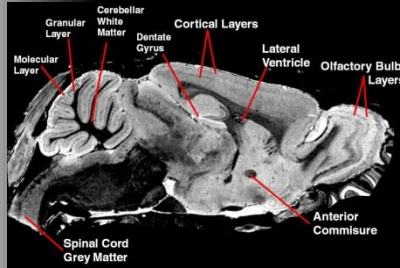
- 2 channel and 4 channel version
- increased SNR close to the coil surface
- supports parallel imaging experiments
- integrated low noise preamplifiers
- B₀ field strength up to 17 T horizontal bore
- adapted animal beds available with stereotactic holders
- multi nuclei versions available



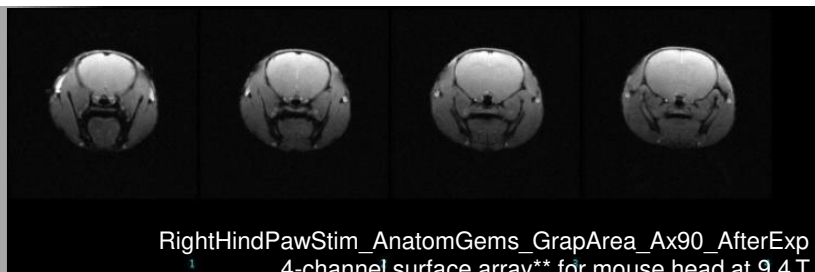
No Medical Device! Caution – The use of the devices described above is limited to investigational use on laboratory animals or other tests that do not involve human subjects.

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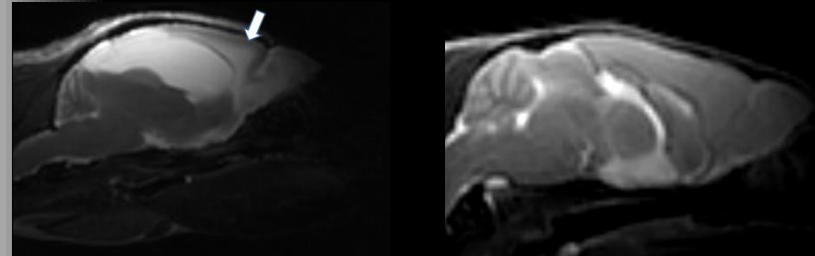
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It transmit / receive volume coil for mouse head at 9.4 T
image courtesy: Jon Cleary, University College London, U.K.



RightHindPawStim_AnatomGems_GrapArea_Ax90_AfterExp
4-channel surface array** for mouse head at 9.4 T
image courtesy: Dávid Gajári, Gedeon Richter Ltd., Budapest, Hungary.



2-channel surface array for mouse head at 3 T
image courtesy: Vera Keil, Universitätsklinik Bonn,
Radiologische Klinik, Germany.

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