MRI Siemens Prisma 3T equipped with a 20 and a 64-channel head and neck coil

MRI compatible goggles capable of stereoscopic vision, with a resolution of 1920x1080 refresh rate 60Hz and integrated eye-tracking cameras (https://nordicneurolab.com/visual-system-hd/).

MRI-compatible screen: BOLD screen 23 LCD screen from Cambridge Research Systems resolution 1920x1080 @60Hz. For specs: http://www.crsltd.com/tools-for-functional-imaging/mr-safe-displays/boldscreen-23-lcd-for-fmri/

Eye-tracking: Eye-link 1000+, sampling frequency 1000Hz monocular (http://www.sr-research.com/eyelink1000plus.html)

Auditory system: MR Confon "Starter f mkII+" http://www.mr-confon.de/en/products.html

Response box: 2x4-button box and a joystick from Current Design. For mspecs:https://www.curdes.com/mainforp/responsedevices/buttonboxes/hhsc-2x4-c.html and https://www.curdes.com/mainforp/responsedevices/variabledevices/hhsc-joy-5.html

Physiological signal recording devices: Biopac MP150 (http://www.biopac.com/product/mp150-data-acquisition-systems/). It can record GSR, ECG, photoplethysmography, temperature, air flow, respiration, and EMG. The system also has a stimulator module, allowing for one channel electrical stimulation.

MRI-compatible glasses with correction lenses ranging from -6 to +6 dioptre Rx/lenses in 0.5 dioptre increments (https://www.crsltd.com/mri-patient-comfort-communication-and-entertainment/mri-patient-comfort/mediglasses/mediglasses-for-fmri/).

MRI-compatible wheelchair and stretcher (size 1950 x 800 mm; height: 620 - 980 mm)

Mock scanner: Mock scanner manufactured by Psychology Software Tools (https://pstnet.com/products/mri-simulator/) equipped with the head motion tracking system MoTrak (https://pstnet.com/products/motrak/)

MRI-compatible EEG systems: in collaboration with the EEG facility there are two MR-compatible EEG systems.

One is a Brain Products system including one **64-channels BrainAmp MR plus** amplifier (http://www.brainproducts.com/productdetails.php?id=6) and a **BrainAmp ExG MR** amplifier (http://www.brainproducts.com/productdetails.php?id=8) for recording external channels (e.g. EMG signals).

The other is a high density **EGI Geodesic EEG System 400 MR with 256 EEG channels** (https://www.egi.com/research-division/research-division-research-products/research-division-research-products-mr-compatible).

Reservation and use of the MR compatible EEG systems are subjected to the EEG facility use policy

MRI-compatible TMS system: in collaboration with the Neuromodulation facility there is one MRI-compatible TMS system, which includes the MagVenture MagPro XP stimulator (https://neurolite.ch/en/products/magnetic-stimulation/magpro-xp), the MRi-B91 Air Cooled TMS coil (https://www.magventure.com/tms-research/products-overview/research-coils/coils/mri-b91-air-cooled), and two 7-channel MR coil arrays specifically designed for being used in combination with the TMS coil (https://www.magventure.com/tms-research/products-overview/research-accessories/accessories/7-channel-mr-coil-array).

Reservation and use of the MR-compatible TMS system are subjected to the Neuromodulation facility use policy.

MRI-compatible tES system: in collaboration with the Neuromodulation facility there is one MRI-compatible tES system. The stimulator is a neuroCare DC-STIMULATOR MR (https://www.neurocaregroup.com/dc_stimulator_mr.html). Reservation and use of the MR compatible tES system are subjected to the Neuromodulation facility use policy
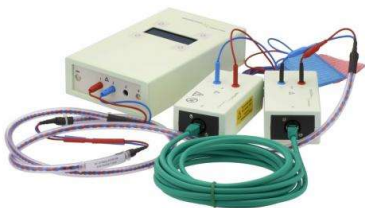
MR-compatible motion capture system from Qualisys (https://www.qualisys.com/hardware/5-6-7/), in collaboration with the VR facility