

Brainsight®

TMS

For 15 years, Brainsight® has been the neuronavigator of choice for image-guided TMS. We at Rogue Research count about 450 TMS users as our customers around the world.

Brainsight® continues its evolution as the standard neuronavigation system in neuroscience to become the information hub for your neuro-modulation and neuro-imaging needs.



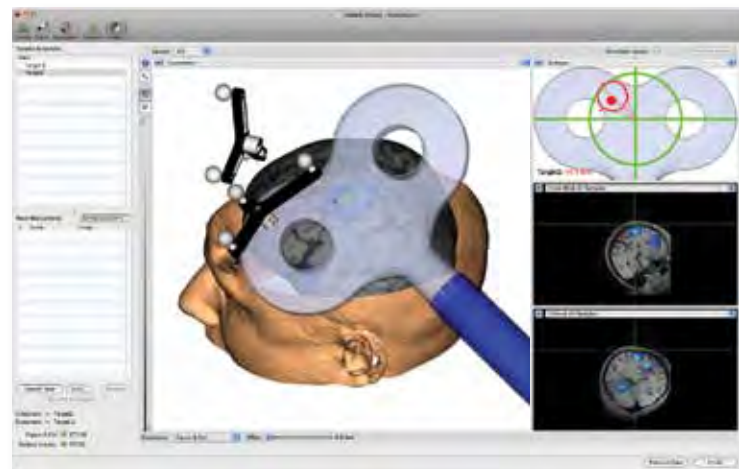
RESearch Inc.

BRAINBOX

INTEGRATING SOLUTIONS FOR NEUROSCIENCE

Brainsight®

THE NEUROSCIENCE HUB



Brainsight® for TMS

- Works with any coil from any manufacturer
- Flexible, easy coil calibration
- Define target based on anatomy, MNI or Talairach coordinates, MRI overlay, previous TMS session
- Links to TMS device via TTL trigger and serial port
- Integrated 2-channel EMG for mapping studies
- Simpler coil calibrations
- New subject-Image registration refinement step
- At each TMS pulse, Brainsight™ can record:
 - coil position and orientation
 - coil status (on supported TMS models)
 - intended target
 - positioning error
 - distance to target
 - EMG response
 - EEG response (when using NEUROPRAX EEG)
 - NIRS optode locations

New Subject Chair

- Smaller Footprint
- Reclined and Upright
- Improved Coil Arm
- Less Intrusive
- Preserves field of view



Brainsight®

NIRS

- 8-, 16-, 24-, 32- channel system
- Unique modular design allows for easy and affordable upgrade
- Up to 100-Hz sampling rate
- Dedicated scalp detectors
- Low profile optodes optimized for TMS and MEG use
- Optodes are compatible with common EEG caps to allow combined EEG and NIRS studies
- Export data to your favourite analysis software
- Import results into Brainsight™ for visualization



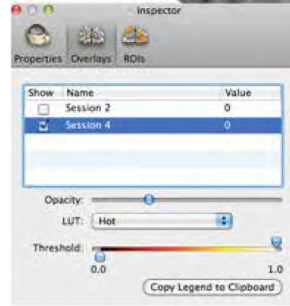
EEG: neuroConn NEUROPRAX & Deymed TrueScan

- 32-, 64- or 128-channel system
- Communicates with the Brainsight® computer
- Transfers EEG data to Brainsight®
- Use Brainsight® to record EEG electrode locations
- Export EEG data and electrode locations for Analysis



Brainsight® Includes

- Integration with Brainsight NIRS and NEUROPRAX EEG
- Integrated 2-channel EMG device
- Live EMG display
- NIRS and EEG cap manager
- 3D CAD import for realistic illustrations
- Improved grid tool
- More export options
- Support for the Axilum TMS positioning Robot
- Easy to use coil-specific calibration adapters
- Optional subject chair



WHAT'S NEW

Recently, we have collaborated with Axilum Robotics to combine Brainsight® and their robotic TMS holder. The result offers exciting possibilities for automated TMS applications including motor mapping, automatic coil placement and motion head correction for longer TMS sessions.



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