EEG & Brain Stimulation

BRAIN VISION
Solutions for neurophysiological research

Advanced EEG Solutions

for your brain stimulation lab

- Combine EEG with TMS or tES
- Close coil positioning with ultra slim active electrodes
- Fast artifact recovery through advanced amplifier technology
- Closed-loop EEG-TMS coupling
- Wide software integration

BrainVision.com

Latest generation active electrode technology

- ✓ Robust and durable electrodes compatible with all brain stimulation techniques
- ✓ Slim profile and re-routable cables for flexible close coil positioning
- ✓ High signal-to-noise ratio for each channel
- ✓ Attenuated noise and movement artifacts

State of the art EEG recordings

- ✓ Up to 100 kHz sampling rate
- ✓ Return to baseline in < 0.8 ms after artifact
- ✓ Real-time data access in < 1 ms
- ✓ Modular for high-density recordings

End-to-end software solutions

- ✓ Record data with Brain Vision Recorder
- ✓ Online data analysis using lab streaming layer (LSL)
- ✓ Perform advanced analyses with Brain Vision Analyzer 2

Flexibility and integration

- ✓ Combine with LSL for ultra-fast closed-loop experiments
- ✓ Accurate and fast electrode localization with CapTrak
- ✓ Extend our EEG solutions with fMRI, fNIRS, eye-tracking and extra physiological recordings
- ✓ Integrated with all major manufacturers of brain stimulation hardware

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