

visor2™

Cognitive Neuroscience



The visor2 system is not available for sale in all countries, please refer to the associated visor2 specification documents or contact your local representative for details. <https://www.ant-neuro.com/contact-us>



ant neuro
inspiring technology

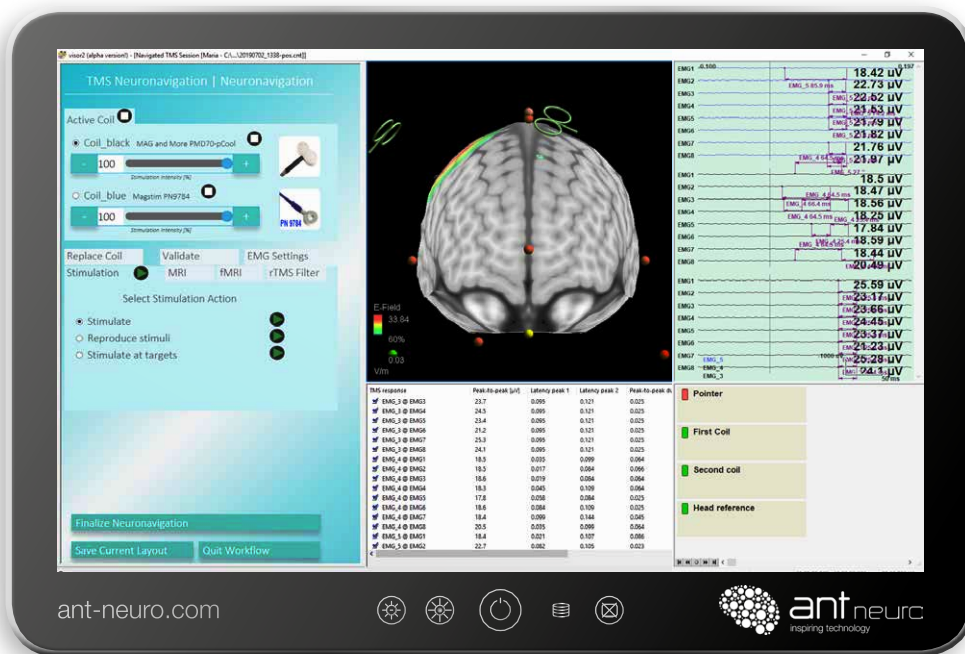
Cognitive Neuroscience

Navigated Transcranial Magnetic Stimulation (nTMS) has been increasingly used as a research tool in **cognitive neuroscience**. Because of its unique ability to non-invasively interfere with brain function, TMS has a great potential to provide informative insights on how the brain works.

visor2 is one of the most complete neuronavigated TMS solutions for highly advanced cognitive neuroscience research. While most of the TMS investigations have predominantly focused on delivering magnetic pulses

to lesioned brains, cognitive neuroscience experiments use TMS to create transient virtual lesions in non-brain-damaged individuals, which allow us to objectively observe brain-behavior relations in unique ways.

visor2 allows users to work with two coils simultaneously, enabling cognitive neuroscience investigations focusing on cortico-cortical interactions (e.g., intracortical inhibitory and facilitatory mechanisms; interhemispheric interactions).



visor2 view for a session with two TMS coils and EMG recording

Further Potential Areas of Application for visor2 within Cognitive Neuroscience

