

PowerMAG Research

Versatile Research Systems for Transcranial Magnetic Stimulation



PowerMAG Systems are designed for the specific needs of your multi-modal TMS research. Its interfacing technology creates a whole new experience in combining TMS with other methods, such as EEG, EMG and MRI and can integrate into established lab setups. Discover wider applications of TMS in the exploration of drug-free therapeutic options for neurorehabilitation and psychiatry.

Features

- Full power output (100% intensity) up to 30 Hz with all stimulators
- Maintain consistent burst power throughout stimulation
- Full external control with analogue, digital and trigger interface
- Freely adjust each pulse's pattern and coil current (AP, PA)
- High-speed sync out interface
- Capture EEG free from 50Hz noise and minimal artefacts (below 5ms)
- Compatible with PowerMAG View! 3D Neuronavigation
- Compatible with wide variety of MAG & More active and sham coils
- Turn-key solutions extended by LOOP-IT technology (see reverse)



Wide range of coil options including, PMR "round coil" (left), "pCool" (right)

PowerMAG 30 Economic research	PowerMAG 100 Basic TBS Research	PowerMAG EEG 30 Research with EEG	PowerMAG EEG 100 Advanced real-time EEG	PowerMAG ppTMS All-in-one research solution	PowerMAG QPS qTBS stimulation

Customize your TMS clinic or research lab with our leading integrated products:

- **EMG-Option** for recording of Motor Evoked Potentials (MEP)
- **NEURO PRAX® EEG** for qEEG & TMS Evoked Potentials (TEP)^
- **NCG-ENGAGE** to measure heart rate during TMS via ECG^
- **LOOP-IT** platform for preconditioning TMS, state- dependent and closed-loop experiments^



^In partnership with **neuroConn**




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