

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 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 lab 30
Economic research



PowerMAG lab 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



neurocare group / MAG & More GmbH

Machtlfinger Straße 13

81379 Munich, Germany

T +49 89 2018 5248

F +49 89 2018 5328

tms.sales@neurocaregroup.com

www.neurocaregroup.com

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Registered Office: Machtlfinger Straße 13, 81379 Munich, Germany

Court of Registry: Amtsgericht München HRB 201884

VAT No.: DE 129 475 495, EORI-Number: DE7784562

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2025/03 086320_2 EN Produktblatt_PowerMAG-Research