neuroConn supplies equipment for publicly funded multi-center studies into neurofeedback and non-invasive brain stimulation and is also a member of the "National Bernstein Network for Computational Neuroscience".

Your advantages at a glance:

- neuroConn only supplies complete systems that are ready for immediate use. These complete systems are CE-certified for use in all EU countries.
- neuroConn collaborates with leading scientists in the field of clinical research and thus incorporates the latest clinically evaluated protocols into our systems.
- neuroConn offers a comprehensive range of flexible and extensible products, which integrate with each other.
- Our complete range of products (EEG and DC-Stimulators) can be extended and combined for use with magnetic resonance imaging and transcranial magnetic stimulation.
- The neuroConn software is intuitive and flexible.
- We analyse your demand and provide complex, customized solutions.

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Made in Germany

www.neuroConn.de
Neurofeedback systems

**THERA PRAX® MOBILE**

For the therapy of ADHD, standardized and safe
- 13-channel, mobile DC-EEG neurofeedback system
- Training of the slow cortical potentials (SCP) with online correction of artefacts caused by eye movement
- Options: neurofeedback of the EEG bands, biofeedback training
- Latest clinically evaluated protocols
- Complete system with CE-certification

**THERA PRAX® Q-EEG**

22-channel DC-EEG neurofeedback system
- SCP training with online correction of artefacts caused by eye movement, training of EEG bands, biofeedback training (see THERA PRAX® MOBILE)
- Recording of the quantitative DC-EEG (Q-EEG) incl. spectral analysis
- Recording of evoked potentials

**DC-EEG systems**

**NEURO PRAX® EEG**

Modular full-band EC-EEG system for the neurologic diagnosis
- High-performance full-band DC amplifier with 32 up to 128 independent channels
- Measures signals in the frequency range of 0 to 1,200 Hz
- Sampling rate: 32 to 4,096 sps
- Online correction of artefacts caused by eye movement
- Extension for neurofeedback and biofeedback

**NEURO PRAX® MR**

fMRI compatible full-band DC-EEG system
- For EEG recording during functional magnetic resonance imaging
- Online correction of gradient artefacts via soft- and hardware synchronization (option)
- Online correction of pulse artefacts

**NEURO PRAX® TMS/tES**

Noisefree EEG signals during TMS/tDCS/tACS/tRNS
- Online correction of TMS-induced artefacts
- Recovery time 3 to 5 ms after TMS impulse
- Unique worldwide: online correction of artefacts induced by tACS/tRNS (only in combination with the DC-STIMULATOR PLUS)

Transcranial electrical stimulation (tES)

**DC-STIMULATOR PLUS**

One-channel transcranial stimulation with direct current (tDCS) and alternating current (tACS/tRNS)
- Highest safety standard due to multistage monitoring of current path, automatic termination of stimulation and continuous impedance check
- Options: programmable treatment schedule, study mode for active and sham stimulation, Signal Out providing referential output signals for use in other devices, e.g. noisefree EEG-recording during tACS/tES (in combination with NEURO PRAX® TMS/tES)

**DC-STIMULATOR MR**

Noisefree MR images during transcranial stimulation
- Extension of the DC-STIMULATOR PLUS for use inside the fMRI scanner
- Noisefree images during EPI sequence (128 x 128 matrix)
- Tested for 1.5 and 3 Tesla scanners
- Only fMRI-compatible DC-Stimulator with CE-certification worldwide

**DC-STIMULATOR MC**

Multi-channel DC-Stimulator for research
- 1 to 16 independent programmable channels
- tDCS, tACS, tRNS, GVS (galvanic vestibulator stimulation), CES (cranial electrical stimulation)
- Stimulation parameters freely adjustable
- Option: extension for use in fMRI scanner

**Neuronavigation withBrainsight**

**Brainsight® 2**

Neuronavigation for the transcranial magnetic stimulation (TMS)
- Pick targets based on anatomy, fMRI, NIRS, EEG, or atlas coordinates
- Record coil location automatically when coil is fired
- Integrates with NEURO PRAX® EEG
- Built-in 2-channel EMG for mapping
- Option: flexible subject chair
- Product by Rogue Research Inc. / www.rogue-research.com

Further information about our products can be found at:
www.neuroconn.de/benefits/