EMG Line

- > 2 or 4 channels
- Remote Control NEUROWERK PC
- Available in different configurations
- Compatible with Desktop PC or Laptop
- Compatible with NEUROWERK EEG
- As a kit for connection to an existing PC

Why Partner With us

Our Customers have come to trust Micromed based on a 37-year commitment to customer-driven product innovation and excellent customer service and support.

Why We Are

Micromed is a global medical device company delivering solutions in neurophysiology worldwide. Partnering with Hospital EMU’s, Sleep Labs and Research Centers globally, Micromed offers a full line of neurodiagnostic systems including Routine, ICU, LTM and Ambulatory data as well as EMG, EP, IOM, SEEG and PSG.

Product Offering

**BRAIN QUICK®**: A comprehensive line of neurodiagnostic systems including EEG, LTM, ICU and Ambulatory.

**MOBERG**: Moberg ICU Solutions is now a part of the Micromed Group, offering innovative solutions in ICU Monitoring.

**SLEEPQ**: Form OSG BVBA, now part of the Micromed Group, comes innovative PSG software for Type I, II and III sleep studies.

**NEUROWERK®**: Explore high quality EEG and EMG solutions Made in Germany.

BRAIN QUICK®: An intuitive, easy to use solution for EMG, EP and IOM testing.

SIGMA Medizin-Technik GmbH
Gewerbepark Am Gründel 2 | 09423 Gelenau | GERMANY
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BRAIN QUICK®: A comprehensive line of neurodiagnostic systems including EEG, LTM, ICU and Ambulatory.
NCV
motor, sensible, inching, repetitive stimulation, F wave, reflexes

MEP
arms, legs, facialis, incl. F wave for determination of the central motor latencies (CML)

SEP
arms, legs, dermatomes, trigeminus, pudendus

ANS
sympathetic skin response (SSR), heart rate variability (HRV)

AEP
early, middle and late acoustically evoked potentials (AEP), click, tone and burst-evoked stimulation

EMG
spontaneous, voluntary and maximum activity, triggered EMG, automatic quantitative MUP analysis, turn/amplitude analysis, single fibre EMG

VEP
checkerboard pattern stimulation, LED goggles or flash stimulator

High quality amplifiers for any application
- 2 or 4 channels, 24-bit A/D converter
- 50 kHz sampling rate per channel
- Second electric stimulator* for triple stimulation and collision test
- NEUROWERK RC remote control for straightforward operation
- Connection for temperature sensors
- Internally switchable reference electrode
- Connection of any magnetic stimulators

EMG software that optimizes efficiency
- Precisely configurable sequences and result tables
- Split screen for lateral comparison
- Export of the results to an external software (e.g. Excel)
- Automatic selection and calculation of all parameters (latency, amplitude, area, NCV and many more)
- Software options: MUNIX, VEMP, etc.

NEUROWERK® EMG Line
HIGH QUALITY EMG SOLUTIONS

This complete, high grade system makes performing tests and diagnosis easier and more efficient. Users benefit from many thoughtful features of the system including customization, durability, reliability and ease of use.

NEUROWERK EMG devices are exclusively produced in Germany by our local manufacturer SIGMA Medizin-Technik GmbH. NEUROWERK EMG is a complete 2 or 4 channel system for EMG, NCV and evoked potential procedures and provides almost unlimited options for hospital and surgical applications.

NEUROWERK® EMG Software
INTUITIVE AND USER FRIENDLY SOFTWARE PLATFORM

All measurement values in view:
- Clear representation of curves in the comparison, including calculation of the lateral differences.
- The results and reports can be sent immediately to your hospital information system (e.g. HIS) or medical practice EDP via interface.

Automatic EMG analysis:
- In addition to the manual selection of motor units by the examiner, the automatic EMG analysis provides all MUPs of an EMG sequence simultaneously. Our user-friendly software is ensured by T/A analysis and analysis of the spontaneous EMG which ensures meaningful results by calculating all relevant parameters.

Integrated Help guide:
- The Neuromonitoring Guide supports you in your daily work with valuable tips and thus contribute to the reliability of your examination results.

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- 50 kHz sampling rate per channel
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- NEUROWERK-RC remote control for straightforward operation
- Connection for temperature sensor
- Internally switchable reference electrode
- Connection of any magnetic stimulators (MAG)

**EMG software that optimizes efficiency**
- Flexible configurable sequences and result tables
- Split screen for lateral comparison
- Export of the results to an external software (e.g. Excel)
- Automatic selection and calculation of all parameters: latency, amplitude, F wave (and many more)
- Software options: MUNIX, VEMP, etc.

**NEUROWERK EMG Software**

**INTUITIVE AND USER FRIENDLY SOFTWARE PLATFORM**

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Integrated Help guide:
- The Neuroanatomy Guide supports you in your daily work with valuable tips and thus contributes to the reliability of your examination results.

**NEUROWERK CENTER - CENTRAL DATA MANAGEMENT SOFTWARE**

NEUROWERK CENTER is the foundation of our NEUROWERK EMG and EEG systems. Thanks to a powerful SQL database, NEUROWERK CENTER provides easy access to all aspects of our systems. Users can manage and save all examination results, both EMG and ECG, over the long term. It has never been easier to see test results, export results and findings via an HL7 or GDT interface, or to export them as PDF documents. Data is protected from unauthorized access by integrated user management functions.

**NEUROWERK Service-Hotline:**
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For EEG and EMG/NCV/EP and customised adaptations

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Methodical Training Courses
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All drawings and illustrations may refer in part to special options and accessories.
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