

micromed[®]
solutions for neurophysiology



NEUROWERK[®]

EMG Line

Solutions for Neurophysiology **MADE IN GERMANY**

**MADE
IN
GERMANY**

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a member of MICROMED

Located in Italy · Belgium · France · Germany · USA

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NEUROWERK[®] EMG Line

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



NEUROWERK® EMG Line

HIGH QUALITY EMG SOLUTIONS

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.

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.

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 sensor
- » Internally switchable reference electrode
- » Connection of any magnetic stimulators

*option

EMG software that optimizes efficiency

- » Freely 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.

NCV motor, sensible, inching, repetitive stimulation, F wave, reflexes

SEP arms, legs, dermatomes, trigeminus, pudendus

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

VEP checkerboard pattern stimulation, LED goggles or flash stimulator

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

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

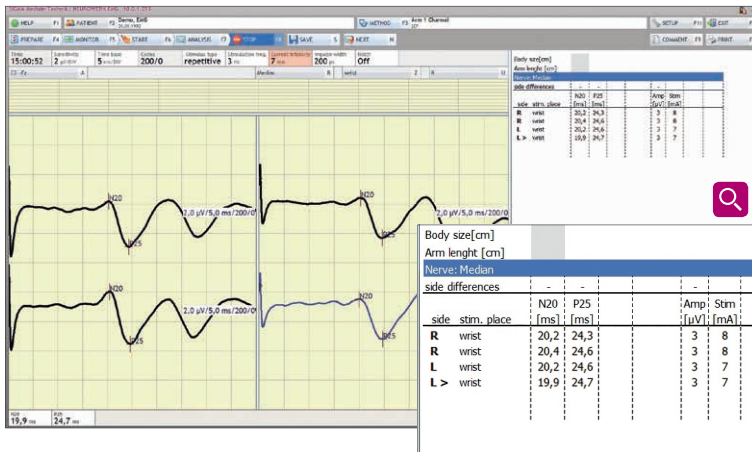
EMG spontaneous, voluntary and maximum activity, triggered EMG, automatic quantitative MUP analysis, turn/amplitude analysis, single fiber EMG

MADE
IN
GERMANY



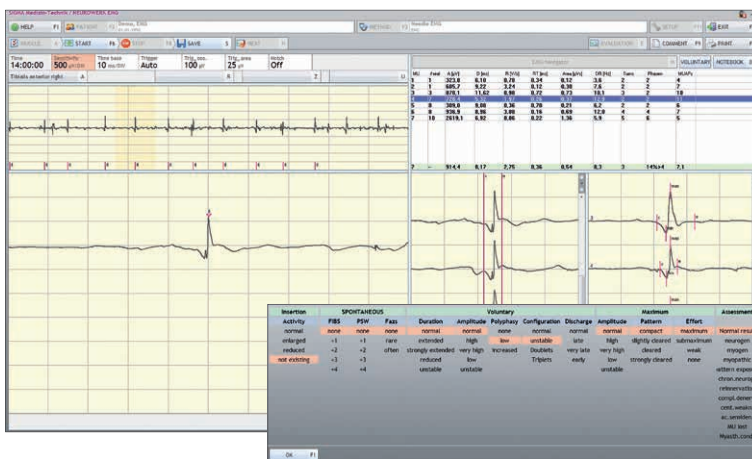
NEUROWERK EMG Software

INTUITIVE AND USER FRIENDLY SOFTWARE PLATFORM



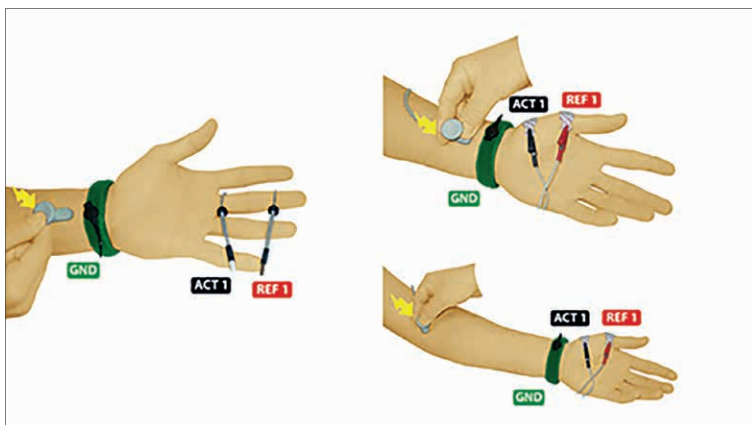
All measurement values in view:

Clear representation of curves in the lateral comparison, including calculation of the lateral differences. The results and reports can be sent immediately to your hospital information system (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 rounded off by T/A analysis and analysis of the spontaneous EMG which ensure meaningful results by calculating all relevant parameters.



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.

Who 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 EEG as well as EMG, EP, ECoG, SEEG and PSG.

(Product availability varies by market)

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.



Closer to our
Customers



Global
Footprint



Longstanding
History



Innovative, Modular
Design

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Product Offering

BRAIN QUICK[®]

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.

MYOQUICK[®]

MYOQUICK[®]: An intuitive, easy to use solution for EMG, EP and IOM testing.

SleepRT[®]

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

NEUROWERK[®]

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