

**micromed**<sup>®</sup>  
solutions for neurophysiology



**NEUROWERK**<sup>®</sup>

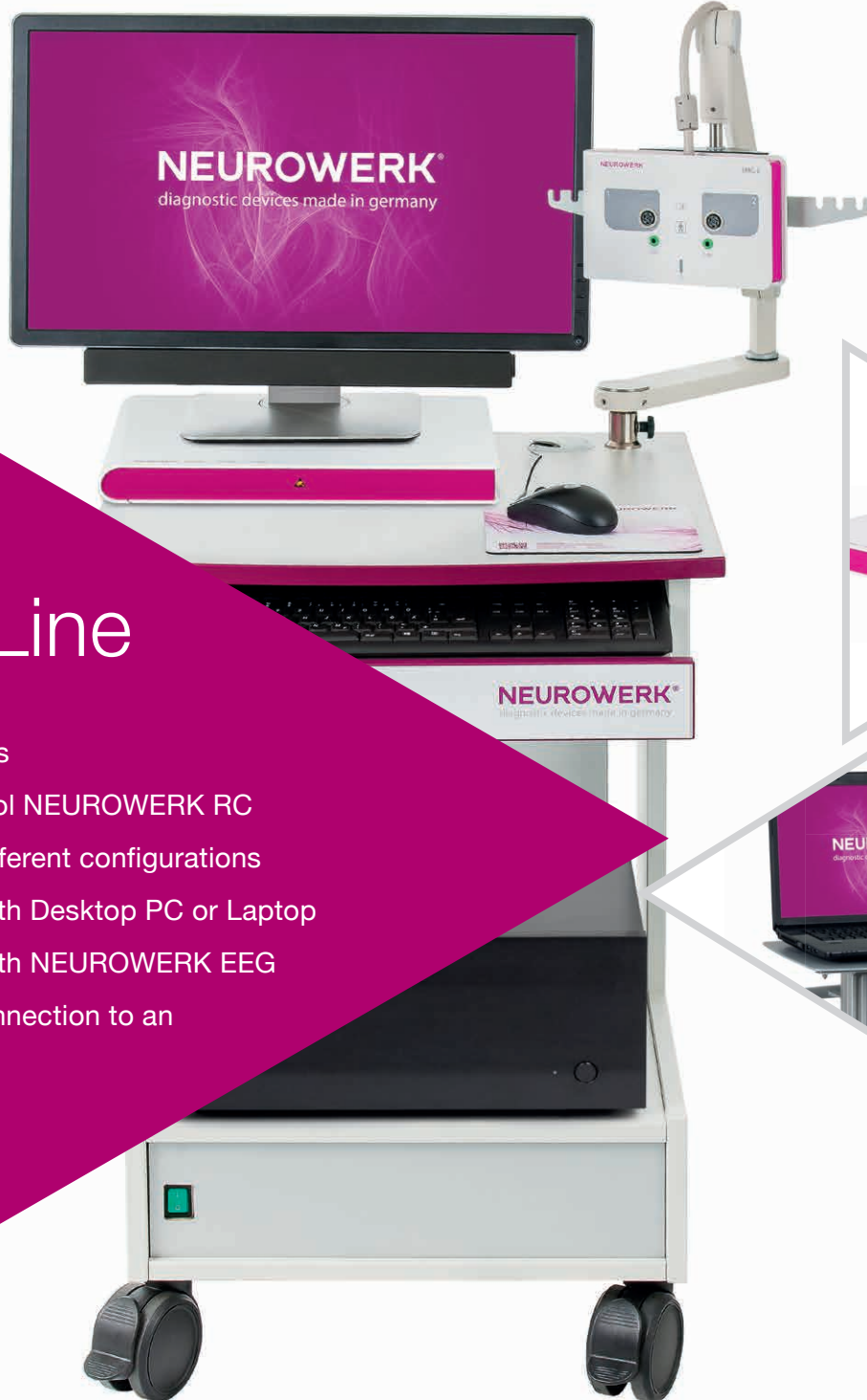
**EMG Line**

Solutions for Neurophysiology **MADE IN GERMANY**

**MADE  
IN  
GERMANY**

**SIGMA Medizin-Technik GmbH**  
Gewerbepark Am Gründel 2 | 09423 Gelenau | GERMANY  
Tel. +49.37297.825.0 | Fax +49.37297.825.23 | sales@neuowerk.de

a member of **MICROMED**  
Located in ITA · BEL · DEU · FRA · USA  
www.micromedgroup.com



## NEUROWERK<sup>®</sup> 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 all methods that are required in the daily routine

diagnosis of neurological functional disorders. 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

**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 fiber EMG

**VEP** checkerboard pattern stimulation, LED goggles or flash stimulator

MADE  
IN  
GERMANY



**23" full HD monitor**  
Alternatively also with 15" or 17" Laptop

Swinging and rotating support arm



**Stimulator unit and EMG amplifier with 2 or 4 channels**

Loudspeakers

NEUROWERK RC remote control

Keyboard drawer

Optionally with Printer

Desktop PC with high-performance configuration and quiet fans: Durable and high quality

4 large castors with locking brake for optimal mobility

Isolating transformer and hidden storage space for cables and power packs: Practical and convenient

### 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 EEG, over the long term. It has never been easier to share test results, reports 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.



**Customised solutions for support arms, carts and accessories**



## 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

B-NWEMG.EN-20.07

## Product Offering

### BRAIN QUICK<sup>®</sup>

BRAIN QUICK<sup>®</sup>: 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<sup>®</sup>

MYOQUICK<sup>®</sup>: An intuitive, easy to use solution for EMG, EP and IOM testing.

### SleepRT<sup>®</sup>

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

### NEUROWERK<sup>®</sup>

NEUROWERK<sup>®</sup>: Explore high quality EEG and EMG solutions Made in Germany.

#### SIGMA Medizin-Technik GmbH

Gewerbepark Am Gründel 2 | 09423 Gelenau | GERMANY  
Tel. +49.37297.825.0 | Fax +49.37297.825.23 | sales@neurowerk.de

#### a member of MICROMED

Located in ITA · BEL · DEU · FRA · USA  
www.micromedgroup.com