

NEUROWERK[®]

EEG Line

Solutions for Neurophysiology **MADE IN GERMANY**





NEUROWERK[®] EEG Line

- » 34, 58 or 90 channels
- » Video extension | Photic stimulator F40
- » Available in different configurations
- » Compatible with Desktop PC or Laptop
- » Compatible with NEUROWERK EMG
- » As a kit for connection to an existing PC



NEUROWERK® EEG Line

HIGH QUALITY EEG SOLUTIONS

NEUROWERK EEG devices are exclusively produced in Germany by our local manufacturer SIGMA Medizin-Technik GmbH. The NEUROWERK EEG system performs seamlessly and meets the demands of any clinical EEG application, including Routine EEG and ICU. The innovation of this system is demonstrated

by its high resolution AD conversion, network-ready interface, spectral analysis and EEG mapping tools. The reliability and durability of NEUROWERK systems ensure a greater return on investment for hospitals and clinics alike.

EEG software that optimizes efficiency

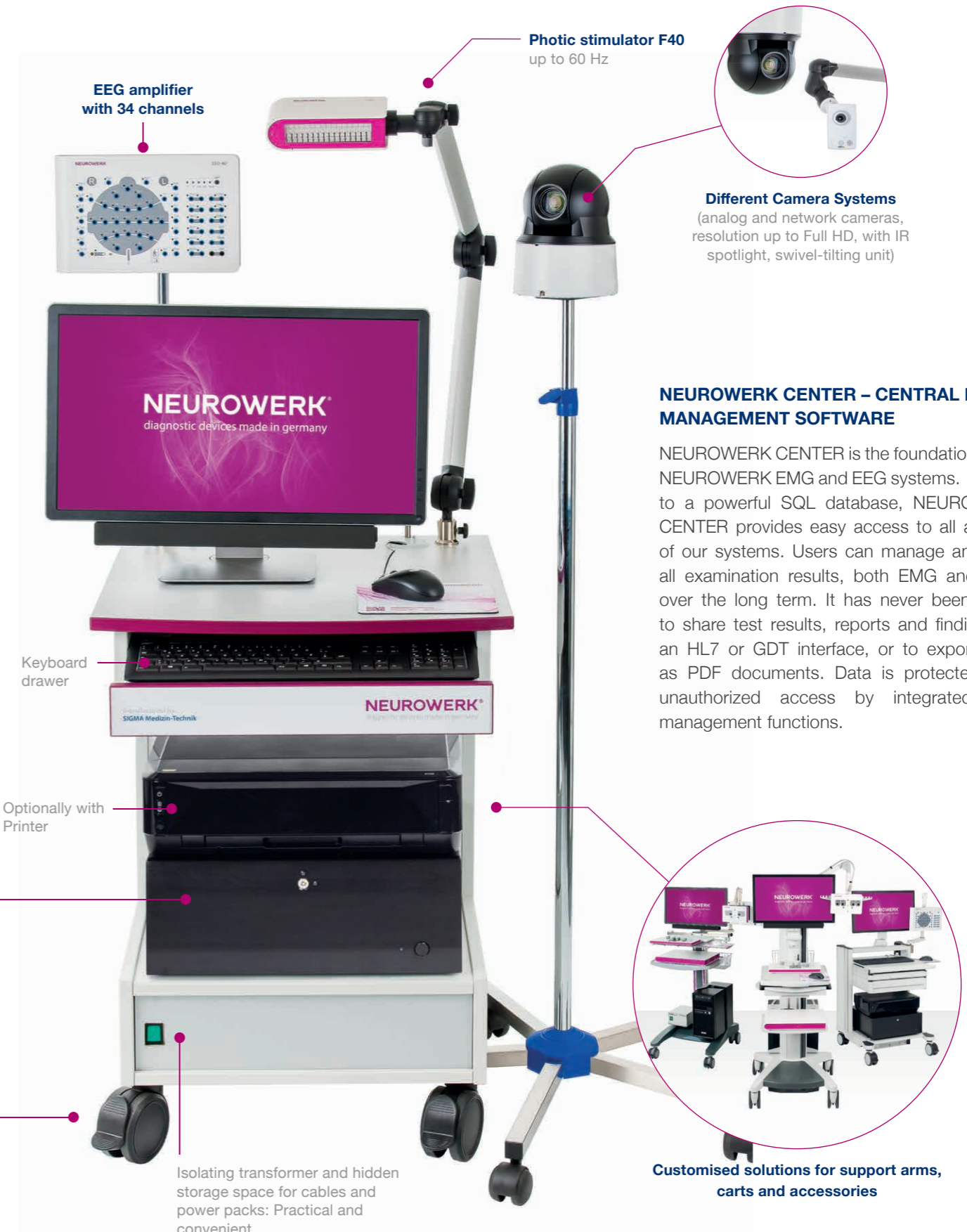
- » Automatic amplitude and frequency measurement
- » Density spectral array (DSA), mapping
- » Montage editor for adaptation of the EEG examinations
- » Synchronous full HD video recording
- » Export of EEG, video and results on any media
- » Interfaces and conversion for external evaluation software (e.g. EDF, Matlab)
- » Online pattern recognition* (spike/seizure), source localisation*, 3D mapping*
- » Smooth digital zoom

High quality amplifiers for any application

- » DB26+ with 34 channels (26 EEG, 4+2* bipolar, temperature*, ambient light)
- » DB40+ with 58 channels (40 EEG, 11+5* bipolar, temperature*, ambient light)
- » DB80+ with 90 channels (80 EEG, 4+4* bipolar, temperature*, ambient light)
- » Expandable with SaO2 and etCO2 sensors
- » 24-bit A/D converters, variable sampling rate up to 2,048 Hz/channel
- » Cable tester on the EEG box

*option

MADE
IN
GERMANY



EEG amplifier with 34 channels

Phonic stimulator F40 up to 60 Hz

Different Camera Systems (analog and network cameras, resolution up to Full HD, with IR spotlight, swivel-tilting unit)

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.

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

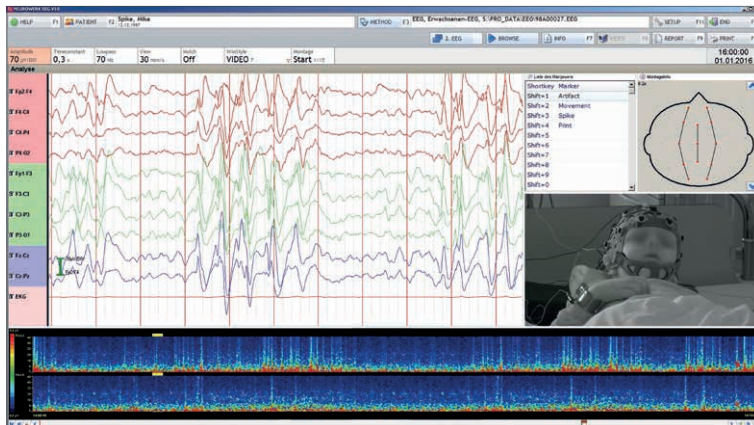
Isolating transformer and hidden storage space for cables and power packs: Practical and convenient

Customised solutions for support arms, carts and accessories



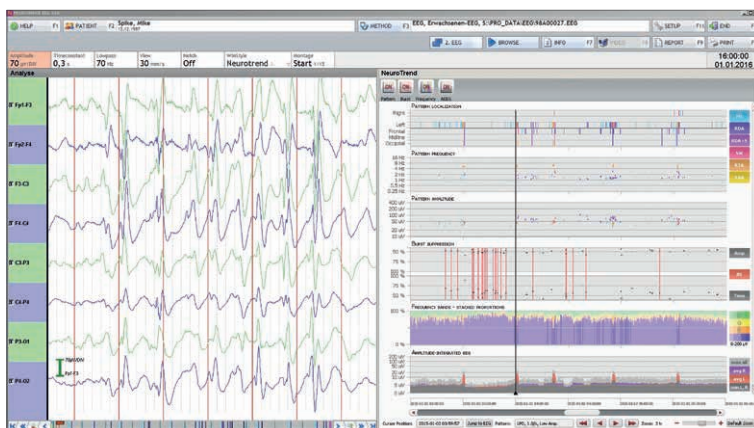
NEUROWERK EEG Software

INTUITIVE AND USER FRIENDLY SOFTWARE PLATFORM



Versatile window layout:

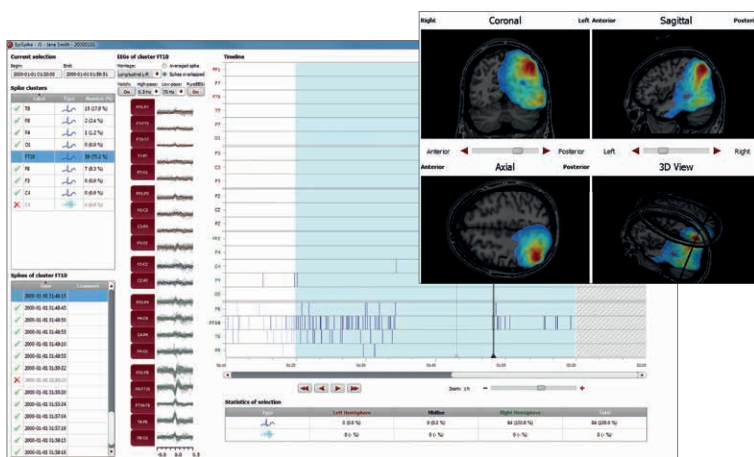
High quality display of EEG, online spectral analysis (DSA) and video. NEUROWERK EEG provides fully configurable workspaces for all applications.



Online EEG analyses:

Parallel to the EEG, online EEG pattern recognition acc. to ACNS* standard is represented by way of NeuroTrend, incl. burst suppression and aEEG, with simultaneous viewing of the patient video in full HD quality.

*American Clinical Neurophysiology Society



Reliable spike detection and source analysis:

Additional modules are offered through Encevis to expand the NEUROWERK EEG system that provide tools for searching top potentials and their sources in 3D. The otherwise time consuming evaluation of epileptiform events in the EEG is facilitated by reliable detection and clear 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.