



## NEUROPACK S1

EMG/EP Measuring System MEB-9400

*Fighting Disease with Electronics*

**NIHON KOHDEN**

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### EMG/EP Measuring System MEB-9400

The Neuropack S1 provides you with all you need for routine applications in neurophysiology – and the choice of a system with a desktop PC, or a portable model with a notebook computer. Right from the start the Neuropack S1 is equipped with all the programs needed for routine electromyography and neurography. The modular design allows additional EMG and EP test capabilities to be added at any time – and it is even possible to add 32-channel EEG recording.

#### System features

- Measuring system for EMG, neurography and evoked potentials
- 2-channel recording
- Reporting in HTML or Microsoft Excel
- Simple operation via a special ergonomic keyboard
- High-quality workmanship ensures a long service life
- Optional connection of a Nihon Kohden EEG amplifier

#### Software

**EMG:** includes measurement of motor units and turns/amplitude analysis of the interference pattern; data acquisition is fast and convenient without the need to use a mouse

**Neurography:** programs for motor and sensory nerve conduction velocity, F-waves, H-reflex, myasthenia test, sympathetic skin reflex and blink reflex

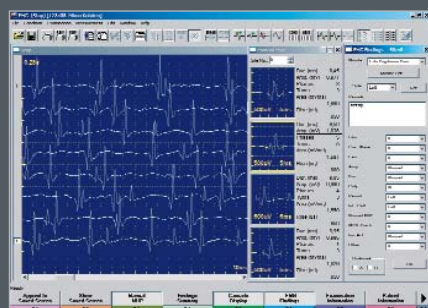
**SEP:** ECG-trigger feature allows artefact-free averaging of the SEP during the resting phase of the ECG



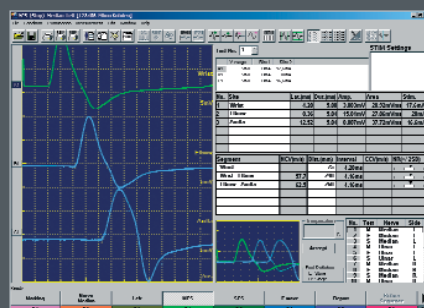
Notebook system in dedicated case



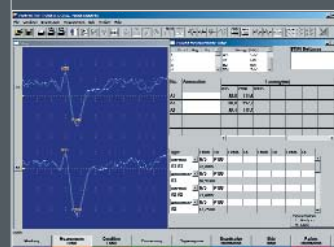
Desktop system on ergonomic cart



EMG program



NCS program



VEP program

#### Optional software packages

**AEP:** early to late latency and ECoG; automated testing for screening

**VEP:** flash and pattern VEP plus EOG and ERG

**Single fibre EMG:** including stimulated SFEMG

**Autonomic nervous system:** enhanced features for microneurography, sympathetic skin reflex and heart rate variability analysis (R-R interval)

#### Network solutions

A network can easily be established for the EEG and EMG systems through the use of a common database. You can access data for findings in the network at any time from a normal PC, or make the measurement data available on other workstations. A connection can easily be established with external information systems by means of GDT/BDT or HL7 Protocol.