



NEUROPACK M1

EMG/EP Measuring System MEB-9200

Fighting Disease with Electronics

 **NIHON KOHDEN**

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The Neuropack M1 is the EMG/EP measuring system for comprehensive diagnostics. Even the basic equipment includes modules for all areas of neurography, somatosensory evoked potentials and electromyography. 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

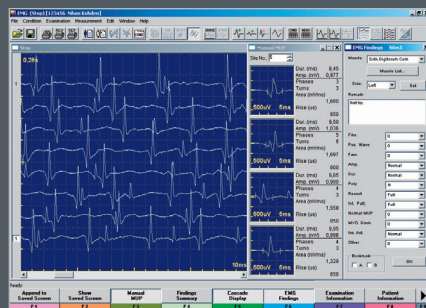
- Measuring system for EMG, evoked potentials and neurography
- Recording of 4, 8 or 16 channels
- 2 independently triggered electrical stimulators
- Freely configurable measuring systems (also online)
- Reporting in HTML, Excel
- Simple operation via a special ergonomic keyboard
- High-quality workmanship ensures a long service life
- Optional connection of a Nihon Kohden EEG amplifier

Software

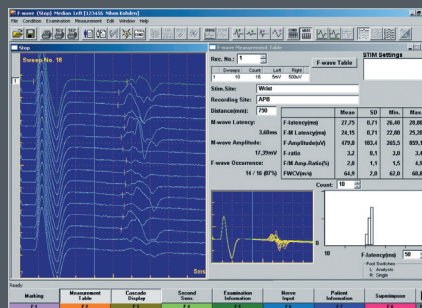
EMG: includes measurement of motor units and turns/amplitude analysis of the interference pattern; data acquisition is fast and convenient without the need to use a mouse

Neurography: measuring programs for motor and sensory nerve conduction velocity, myasthenia test, skin reflex test, blink reflex, F-Wave, collision test

SEP: ECG-triggered measurement allows, for example, artefact-free averaging of the SEP during the resting phase of the ECG



EMG program



F-Wave program

Optional software packages

AEP: early to late latency, and EchoG; automated testing for screening

VEP: flash and pattern VEP plus EOG and ERG

Single-fibre EMG: including stimulated SFEMG

Intra-operative monitoring: for controlling the course of EPs and EEG

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

Cognitive potentials: contains programs for P300, MRCP, CNV tests

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.

Patient Information			
Name	XXXXX	XXXXX	XXXXX
Age	XXXXX	XXXXX	XXXXX
Sex	XXXXX	XXXXX	XXXXX
Referral	XXXXX	XXXXX	XXXXX

Motor Nerve Conduction Study			
Site	Lead	Amplitude	Velocity
Motor L	4.20	14.00V	48.00
Motor R	4.20	14.00V	48.00

Sensory Nerve Conduction Study			
Site	Lead	Amplitude	Velocity
Sensory L	4.20	14.00V	48.00
Sensory R	4.20	14.00V	48.00

Impression
 finding normal, no pathologic results

Date: 01.10.2003 Physician: Dr. Nihon Kohden

Report in MS Excel

SEP program