



NEUROFAX EEG-9000 SERIES

Electroencephalography Systems EEG-9100/EEG-9200

Fighting Disease with Electronics

 **NIHON KOHDEN**

NEUROFAX EEG-9000

Perfect for everyday routine applications

The Neurofax EEG-9000 systems not only offer all the advantages of a digital EEG system, but also offer maximum flexibility for individual adaptation to the respective requirements, thanks to the modularity and the modern system concept. You therefore have the optimum equipment for your everyday routine requirements, such as those of the EEG laboratory, the intensive care unit or the sleep laboratory, and are equipped for all situations.

System features

- Modular PC-based EEG/polygraphy system for recording, evaluating and analysing EEG and polygraphy data
- Recording of up to 32 or 36 channels in routine diagnostics, and up to 44 channels for polygraphy and sleep diagnostics
- Option of up to 4 additional DC or trigger channels
- Optional photosimulator with xenon flash lamp and software control
- Highly functional, user-friendly software for recording and playback, including extensive software package for quantitative analyses, for example
- Integrated hyperventilation function and diverse event marking facilities
- Professional and efficient data management system on SQL server platform with communication interfaces such as HL7 and GDT/BDT for connection to the information systems of clinics and GP surgeries

Software equipment

EEG Mapping

- Amplitude, spectral and frequency mapping
- Online spectral mapping even during recording
- Spectral analyses via individual channels and assemblies

EEG DSA* Trend

- Multi-channel DSA trend analyses and trend displays
*(DSA = Density Spectral Array)

EEG Scope

- Online network monitoring with *EEG Scope Remote*
- Review during recording in EEG and video

EEG AnyWhere

- Create EEG/video data CDs without the need for software installations for playback. The program is started directly by the CD and all review functions are available.

NEURO DMS

- Efficient data management system for organising patient, examination data and findings

Add-ons and options

Digital video

- High video and audio quality due to excellent hardware and video encoding methods
- User-friendly zoom and video editing functions
- Flexible data management thanks to configurable video compression rates

Software options

EEGFocus™ analysis software: software for EEG source analysis with source assemblies, correlation analyses, DSA, Potential/CSD/FFT Mappings

Reveal Spike & Seizure Detector: for online and offline detection of spikes and seizures in routine and long-term applications

Add-on for the sleep laboratory

Polysmith™ sleep analysis software: automatic sleep analysis software for detecting sleep stages, respiratory events, PLMs, arousals etc; includes extensive report functions



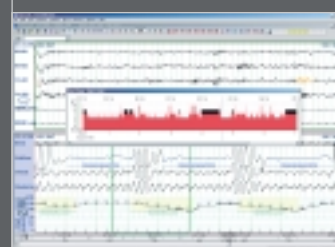
Portable EEG-9100 system on a mobile stand, e.g. for use in intensive care unit



EEG-9200 system with trolley and electrode input box for the EEG laboratory



Sleep/PSG input box JE-912AK



Polysmith sleep analysis software