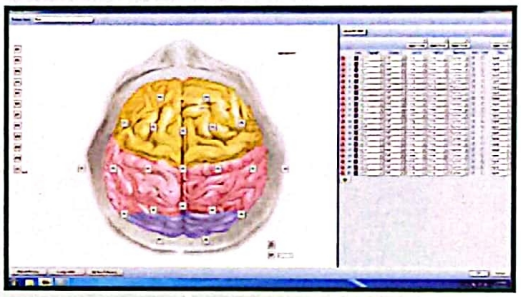
Negar Andishgan

EEG 3840

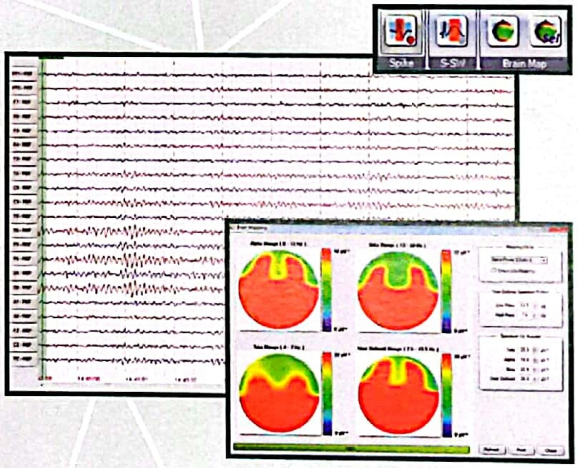
EEG 3840 has all you need for an EEG system. It has strong, high quality, user friendly hardware and software. Negar Andishgan Co. Ltd. tries to customize the system according to user requests and system applications.

General Information

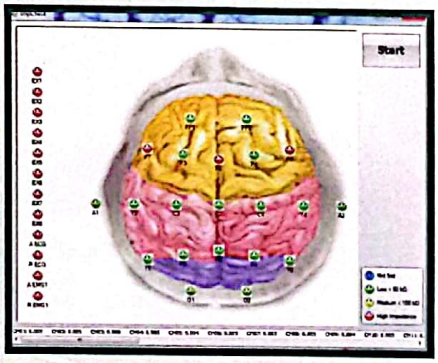


- Available in 24 or 32 channels
- User friendly hardware and software
- Impedance checking
- Surface EMG, ECG, and VEP (optional)
- High quality video and audio recording (optional)
- Photic stimulator

Software Features



- Separated recording and reviewing panels
- Montage manager
- Adjustable filter, scale and time division
- Programmable photic stimulator and HV patterns
- Automatic and editable report generator
- Patient data selection, storage and annotation
- Event detector and navigator
- EEG data extraction in text, PDF and video formats
- Online data exporter; e.g. for Matlab (optional)
- Reanalysis and signal processing tools:
  - Spike and spike-slow wave detection
  - Brain mapping
  - Power spectral and brain waves analysis



Technical Specifications

- CMRR > 100 dB
- Sensitivity: 1 µV - 2 mV
- Noise level < 1.5 µV
- Subject isolation ≥ 5 kV
- Programmable sample rate: 500 - 2000 Samples/second
- Video format: MP2
- Electrical safety type: Class II BF

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CamScanner

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EEG 3840

Accurate
Reliable
Easy to use

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CamScanner

Model:
EMG 5000Q

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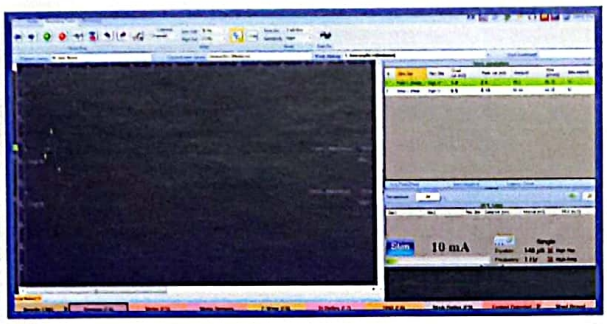
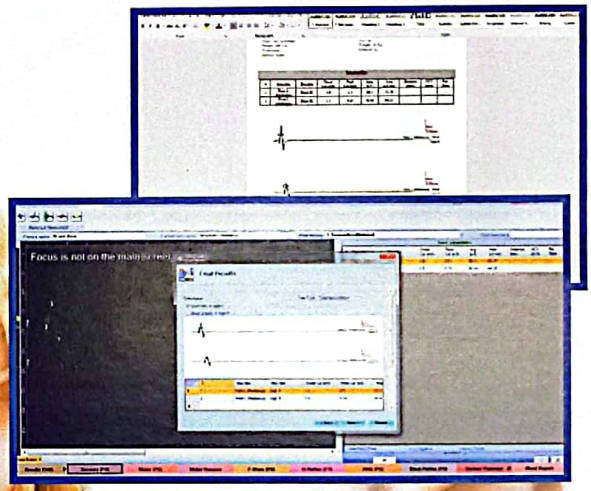


General Informafion

Available in 2 or 4 channels
Ultra-low-noise
State-of-the-art software
Easy-to-use
Low dependency on body ground positioning
Low dependency on earthing quality

Software Features

- Defining nerves and muscles once and using the defined protocol as routine
- Easily saving and loading patients' data
- Fast report generator in MS Word format
- Powerful signal analyzer
- Online and offline data exporter
- Other applicable functions:
  - Averager
  - Super imposer



Technical Specifications

Power supply: 110/220 V
Sampling frequency: 40 kHz
CMRR > 120 dB
Sensitivity: 100 nV - 15 mV
Notch frequency: 50/60 Hz
Noise level < 1 µV

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EMG/NCV/EP
EMG 5000Q

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EEG Portable 3840

Accurate
Reliable
Easy to use

NRSIGN portable EEG has all you need for a portable device, ultra-low noise, easy and fast to use in Emergency and ICU rooms.

- Windows based software, and programmable functions such as: Montage editor, filters, scales, time division, stimulations automatic patterns, sample rate, channels number, sensitivities, and automatic - report generator
- Review and re-analysis tools, signal magnification, signal-processing analysis such as spike and spike-slow detection, brain mapping, power spectral and brain waves analysis
- Easy to annotate and select the desired signals
- Optional high quality Video EEG
- Two modes and fast Impedance checking (by software and by a key on the head box)
- Event detector bar and navigation, Event - summery and navigation at a glance
- Data export in Decimal and Hex codes, data export options on PDF and MVI formats
- Flexible work space and easy accessible software's main tools

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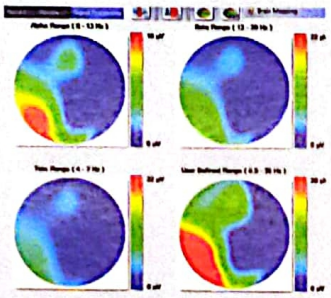
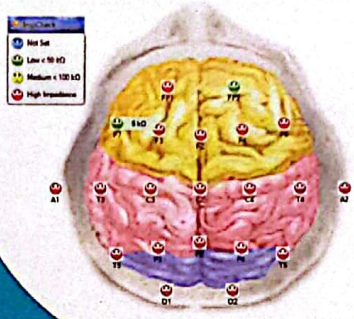
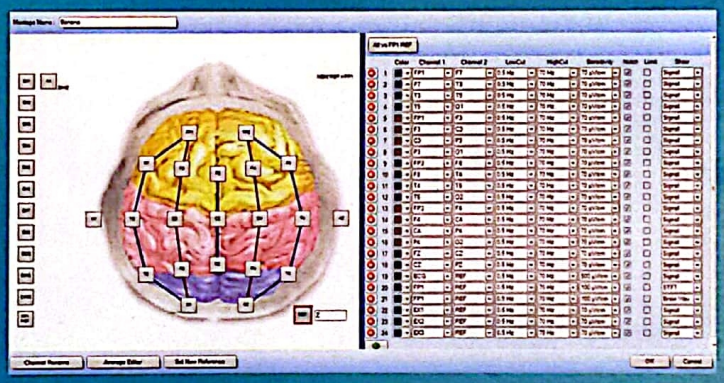


Brain mapping tools for both selected and the whole EEG data

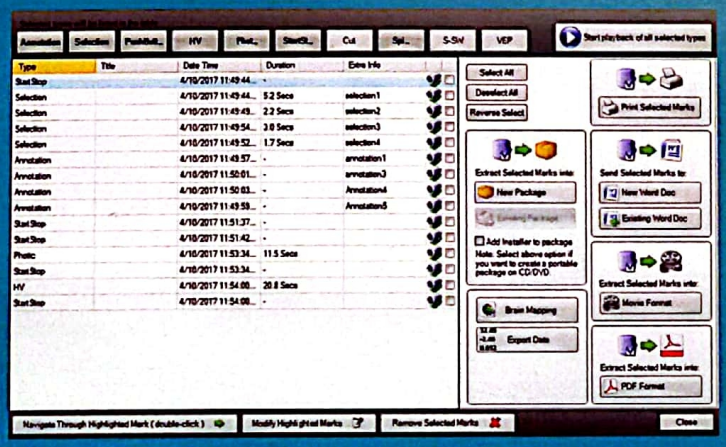
Easy, fast and programmable impedance checking (very fast on the head box and mor precise on the EEG software)



- **Hardware specification:**
  CMRR>100db, Sensitivity: 10 µV-2mV,
  Noise level<2 µV, 0.16Hz< frequency response <500Hz,
  sample rate: 500-3kHz, ATD resolution: 24 bits, 22 EEG channels and one ECG channel, including 5V-3A DC adaptor power supply,
  programmable 0-50Hz photic stimulator.



- Easy and fast montage manager, channel re-name and average setting, and spectral analysis setting



- Event summarization, navigation, report, and data export option

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Accurate
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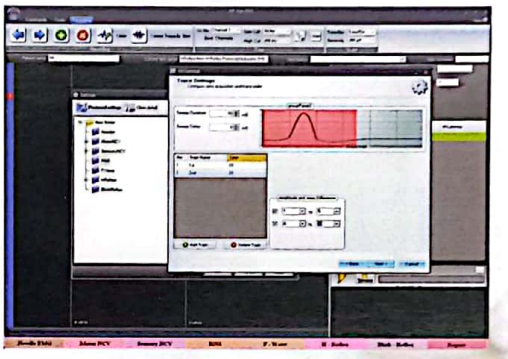
Model:5000Q PRO
EMG/NCV/EP

Protocol wizard:
This is a powerful tool for defining new tests, designing and customizing your system in your own way.

Name of nerves, muscles, number of signal trace, method of calculation, shape of result Table, final report and many other options can be defined by Protocol wizard.



- Microsoft® Word report generator can help you to generate your report in less than a minute.
- Graphical directory for muscle and nerve electrode placement can give you useful recommendations.
- There are many kind of applicable functions such as:
  - Left and Right comparison
  - Super imposer
  - Pick detector
  - Needle Video and Audio reviewer
  - Signal annotation to help you get more precise results.

Microsoft SQL Server 2005

- Microsoft® SQL Server Guarantees the integrity of data management which can be accessed trough network.

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Negar Andishgan EMG/NCV/EP Model: 5000Q PRO Portable

EMG/NCV/EP Model: 5000Q PRO Portable 4 Channels

Accurate Reliable Easy to use

Negar Andishgan Manufacturing **EMG/NCV/EP5000Q Portable** is a real portable device, full featured diagnostic system,a low noise high performance amplifier and state of the art software features.

- Portable EMG system with Light weigh and easy to port
- 2 channel Low noise amplifier
- Designed to achieve the high flexibility, portability.
- Easy to setup and State of the Art software Development.
- Generating customize report in world, PDF, or Video.
- Compact and efficient user interface
- Attractive price

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