



EEG 3840



Accurate
Reliable
Easy to use

EEG 3840 has all you need for an EEG system. It has high quality hardware and user friendly 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
- 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 μ V - 5 mV
- Noise level < 1.5 μ V
- Subject isolation \geq 5 kV
- Programmable sample rate: 500 - 3000 Samples/second
- Video format: MP4
- Electrical safety type: Class II BF

