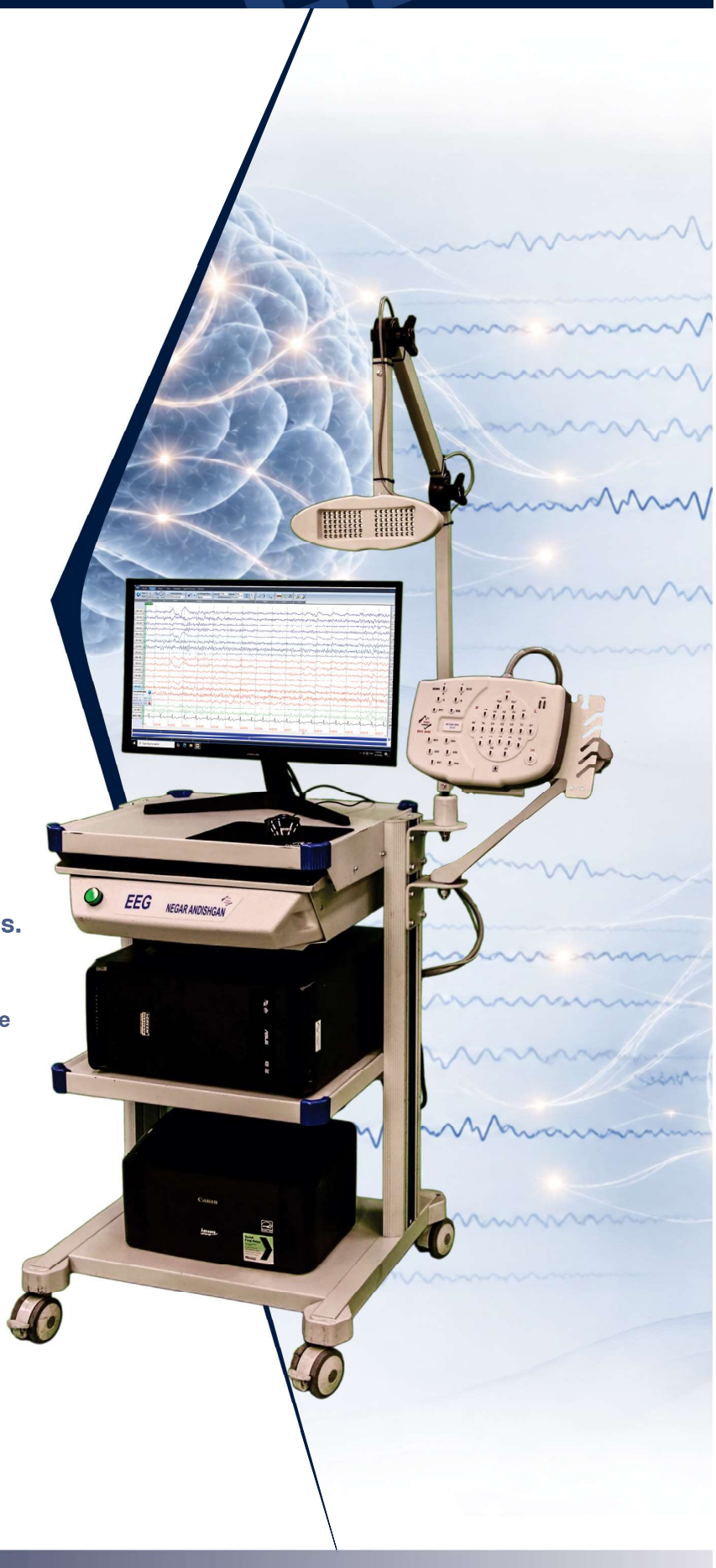
EEG 3840
Stationary



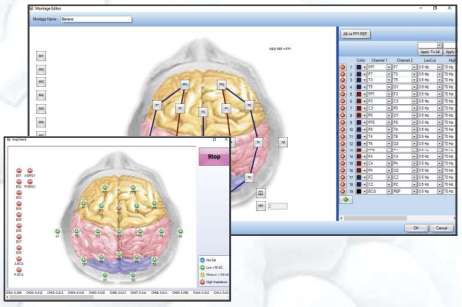
Reliable clinical EEG acquisition with flexible recording, review, and analysis.

- 24 - or 32 - channel configurations
- Fast impedance checking and programmable photic stimulation
- Optional synchronized video/audio and multimodal recordig

EEG 3840

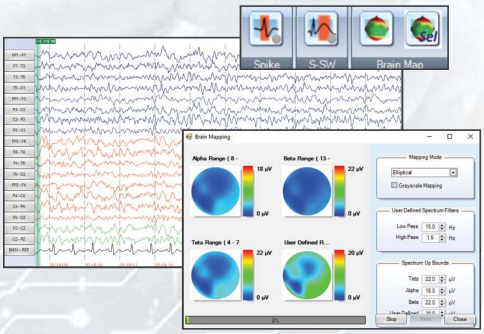
EEG 3840 is a flexible clinical EEG system designed for reliable signal acquisition, efficient recording, and comprehensive review and analysis. Its configurable hardware and software support a wide range of routine EEG applications

General Information



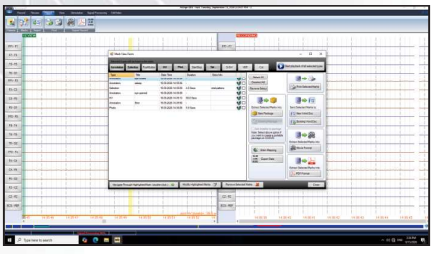
. Available in 24 or 32 channels
. Impedance checking
. Surface EMG, ECG, and optional VEP
. Optional synchronized High quality video and audio recording
. Programmable Photic Stimulator

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)
. Re-analysis 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 - 5 mV
. Noise level < 1.5 µV
. Subject isolation > 5 kV
. Programmable sample rate: 500- 3000 Samples/second
. Video format:MP4
. Electrical safety type: Class II BF