

### 40 CHANNEL AMPLIFIER

With 32 referential, plus 8 dedicated bipolar inputs, our 40 channel amplifier can record a wide variety of EEG and polygraphic signals.



NicoletOne nEEG provides a powerful, flexible EEG solution with innovative features designed to save you time. Its familiar Windows user interface reduces the learning curve of this system and ensures ease of use as a top priority.

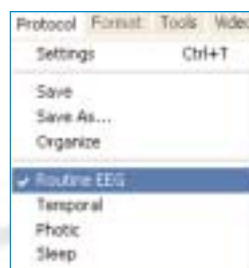
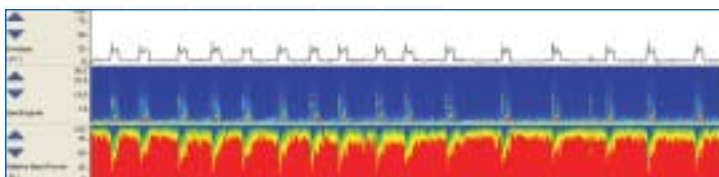
Advanced analog circuitry combines with state of the art signal processing to give you superb signal quality with simultaneous sampling of all channels up to 2048 Hz sampling frequency.

Options such as synchronized video (resolution up to 640 x 480) or sleep analysis transform the nEEG module into a multi-purpose neurodiagnostic system.

### TIME-SAVING INNOVATIONS

- NicoletOne's **Protocols** serve as templates of user-defined settings. This is a very effective way of standardizing recordings while eliminating unnecessary setup time before starting a test. Create your own custom protocols of montage, trend, events, user interface and other settings, or modify one of our preconfigured protocols. Once saved, the desired protocol is simply selected from the Protocol List at the beginning of a recording.
- With the **Prune** feature, you can trim down EEG and/or video before archiving. **Prune Preview** allows you to preview the pruned test before saving.
- **Remote Review** makes it possible to review live recordings, even more than one recording at a time, from the same remote review system. It gives access to patient recordings taking place in areas where it may not be practical to accommodate additional observers, such as in small recording labs.
- The **Remote Control** option goes a step further by allowing the remote user to control what is actually being recorded to disk on the acquisition station. Remote Control provides all the functionality of the acquisition program on the review station.
- Full **NicVue** integration for patient database management allows for complete patient management across all Nicolet products.
- The **Selective Video** option saves you review time as well as valuable disk space by allowing automatic video recording only when specific events occur.
- NicoletOne's **Trend** option allows you to view the entire recording at once using spectral analysis or other analyses. The graphical presentation makes neurological changes easily detectable at a glance.

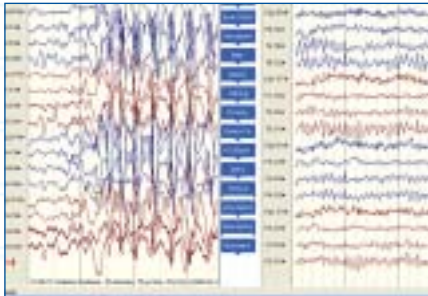
### TREND OPTION — THE WHOLE RECORDING AT A GLANCE



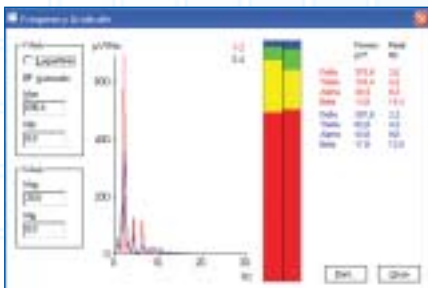
## SUPERIOR FLEXIBILITY

- NicoletOne nEEG is **extremely flexible** when it comes to different installation sites and environmental challenges in this field.
- Display **clickable overviews** along with the EEG for interpretation of the recording at a glance. A simple click on an area of the overview brings up that point on the raw EEG traces for closer inspection.
- **Customizable panels** of the tools you use most can be docked or displayed as floating panels.
- **Split screen recorder** lets you review or edit parts of the recording while still observing the live traces.
- Fully **customizable event markers** and palettes make marking events easy with one-click insertion.

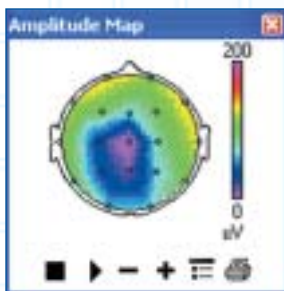
## SPLIT SCREEN ANALYSIS



## FREQUENCY ANALYSIS



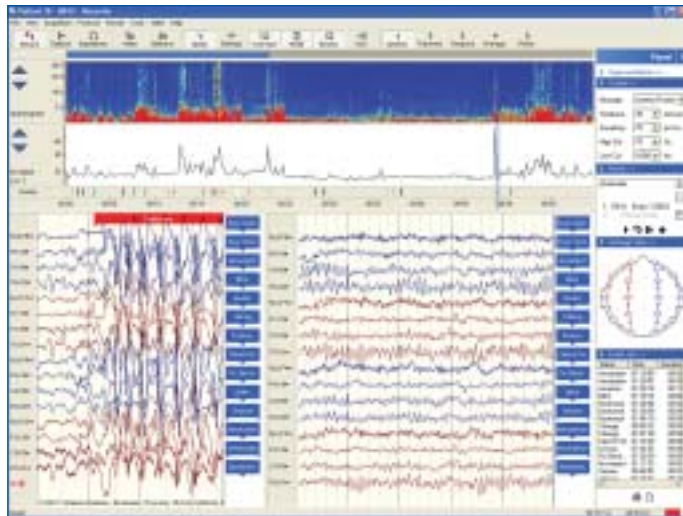
## OPTIONAL BRAIN MAPS



## ROBUST EFFICIENCY

- Microsoft Office® or HTML reports
- Continuous Impedance Test
- Fully customizable montages with quick re-montage capabilities.
- Archive to DVD or CD
- Runs on Windows XP
- Network Fault Tolerance — keeps on recording during network interruption
- Programmable photic sequences
- Synchronous Video Acquisition
- Multiple Window Review
- Free EEG Viewer to share recordings with colleagues

## nEEG RECORDER SCREEN WITH TREND OPTION



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