



The perfect blending of form and function, every component of the NicoletOne Clinical EEG (cEEG) module from VIASYS Healthcare has been specifically designed to help you get the most from the system. From the acquisition components of the system and the data they gather, to the ergonomically designed system controls, you will find exceptional efficiency, comfort, and usability with NicoletOne cEEG. Even the cables are lighter and easier to use, providing faster connections.

### FUNCTIONAL SOPHISTICATION

- The newly designed, high specification Nic36 EEG amplifier/headbox, with its electrode-level impedance (ELI) indicator (at left), makes it easier to identify high impedance electrode connections from almost any angle.
- NicoletOne cEEG's photic stimulator is LED-based, so there is no electrical discharge interference and replacing flash lamps is a thing of the past.
- The "S.P.I.N. EEG" option lets you Simply, Precisely, & Immediately Navigate through EEG and synchronized video data. Instantly switch from fast play-back to "frame-by-frame" control for ultimate precision.



### SUPERIOR FLEXIBILITY

The new NicoletOne amplifiers offer superior performance with configurable parameters to meet your labs specific requirements.

- True resolvable signal bandwidth of 0.1 to 1500 Hz allows you to capture higher frequency EEG activity as your diagnostic studies require.
- Optional high frequency acquisition sample rates are user selectable, letting you manage the data resolution, so that you can maximize your analysis. Select from: 2046 | 4096 | 8192 Hz.
- Easily configure the NicoletOne amplifier's 36 channels for referential EEG, or use four of the channels to record other higher-amplitude signals, such as those from polygraphic devices, with frequency resolution down to DC.





## SIMPLE AND EFFICIENT CONNECTIONS

System connections in neurodiagnostic devices are always challenging. With the NicoletOne cEEG module, connections are simplified and easy to manage.

- As standard, the Nic36 amplifier is attached with a thin, light, highly durable, fiber-optic interface. This interface is impervious to:
  - Electrical interference
  - Radio frequency noise
  - Magnetic interference
  - Sources of noise that can seriously affect the quality and reliability the EEG
- Connection to the LED-based photic stimulator is simple and compact. Connecting directly to the Nic36 amplifier, no additional cables or power supply units are required.