

# neuvo<sup>1</sup>®

The Ultimate Longterm Monitoring System



## Solutions for your every EEG need ...

When the Epilepsy Monitoring Unit demands performance, Neuvo delivers. Built on the technology platform of the leading amplifier technology in the brain research world, Neuvo is capable of high-density, high-speed recording with all channels sampled simultaneously, eliminating sample-and-hold circuitry for superior data quality. Combine the performance of Neuvo with the power of Profusion EEG analysis and CURRY 8 Neuroimaging Suite to provide unmatched clinical EEG to pre-surgical modeling patient care.

### *Neuvo exceeds the needs of even the most progressive Epilepsy Monitoring Unit (EMU).*

By blending the traditional lines of research and clinical systems, Compumedics has designed solutions that meet the exacting requirements for long-term monitoring.

#### **Neuvo Features:**

- New ergonomic cart design enhancing technologist access and convenience
- Practically no cable clutter
- Extreme-specification research capable amplifiers
- Comprehensive EEG analysis available on the physician's desktop
- Secure data archival



256 Channel Wall Configuration

The wall configuration system is capable of up to 256 channels along with these innovative features:

#### **Zero-Clutter Cable Management System**

Another innovation from Compumedics that neatly hides the unsightly clutter and potential hazard of cables for increased patient comfort and safety.

#### **Passive Headbox**

- 64-channel lightweight and compact patient worn passive jack box

#### **Neuvo Clinical Amplifier**

- High-speed amplifier sampling up to 10,000Hz all channels
- High channel counts up to 256 channels
- True DC amplifier (bandwidth DC to 3500Hz)
- Superior quality EEG with Compumedics "Active Noise Cancellation" technology
- Grid and surface recordings
- 2 high level inputs
- 4 bi-polar inputs per amplifier

*Neuvo components also function perfectly with our SynAmpsRT 'Research' Amplifier (available for evaluation of high frequency and high sampling rates data up to 20,000Hz). Use with Neuvo software for ERP.*

#### **Fully integrated digital monitoring system Control Box**

Centralised system display and control unit allows connections for Strobe, Event Button, Camera, Microphone and other external devices.



The well-designed cart system provides the mobility required in LTM EEG along with these features:



- Optional HD Video Camera for VEEGs, Pan-tilt-zoom (PTZ) available
- High-intensity LED Photic Strobe
- Neuvo - 64 channel Amplifier Mounted on the arm of the cart to allow easy positioning near the patient.
- Secure mount for screen monitor
- Plenty of storage for supplies and accessories in a convenient rear location
- Height adjustable workspace with 'easy-to-use' handle for ergonomic comfort
- Management of cables and cords
- Integrated isolation transformer
- Strong yet light-weight construction to handle the rigors of daily use
- Sturdy, heavy-duty casters with both swivel lock and brake lock

Cart option shown may vary.

All Compumedics software is optimized to be compatible with both Windows 7 and Windows 10 operating systems.

compumedics  
**profusionEEG**  
Unlimited Potential in Routine and LTM EEG

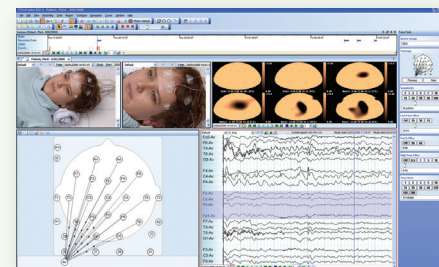
### Best in Class EEG Application Software

**Compumedics Profusion EEG** is the true next generation clinical and LTM software package that offers unprecedented ease of use both in the EEG lab, and in post-recording analysis and review. Developed in close consultation with EEG clinicians and neurologists, it is designed for easy navigation and editing of up to 45 days of continuously recorded EEG.

**Profusion EEG features:**

- Multiple simultaneous montage review
- Multiple simultaneous video image review
- **Seamless integration to CURRY Neuroimaging Software**

NeuroScan  
**CURRY**  
NEUROIMAGING SOFTWARE

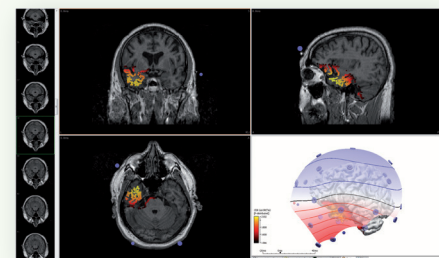


Profusion EEG - Multiple independent video windows

### Part of Compumedics Innovative Solutions for Epilepsy

**CURRY® Neuroimaging Software integrates the co-registered functional and structural data.**

- Powerful CURRY tools are built right in to Profusion software to process high density EEG recordings.
- **Process and integrate neuroimaging data from EEG, MEG, CT, MRI, fMRI, PET and SPECT scans.**
- **Employ robust source localization tools to assist with pre-surgical planning.**



CURRY Neuroimaging Software

profusion  
**neXus 360**  
The Ultimate Lab Management Tool

Profusion EEG™ integrates directly within the **Profusion neXus 360™ Lab Management System** to optimize workflow and enhance efficiency in your diagnostic or research laboratory. **Profusion neXus 360™** is extremely flexible and securely manages and helps control data in any study setting. Whatever your requirements, no matter how large or small your lab, you'll benefit from the impressive capabilities and efficiency offered by Profusion neXus including available HL7 interface to your facility EMR, and support for advanced data archiving solutions.



For more information on any of our products or services please visit us on the web at:

[www.compumedics.com](http://www.compumedics.com)

