COMPUMEDICS®

® neuvo

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 7 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 512 channels along with these innovative features:

Unique Integrated LCD Display and Control Panel
Bedside patient information for centralised operation at your fingertips

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 light-weight 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 512 channels
- True DC amplifier (bandwidth DC to 3500Hz)
- Superior quality EEG with Compumedics "Active Noise Cancellation" technology
- Grid and surface recordings
- 4 bi-polar inputs per amplifier

Neuvo components also function perfectly with our SynAmps2 '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.

See More and Do More

COMPUMEDICS®

profusion EEG
Unlimited Potential in Routine and LTM EEG

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

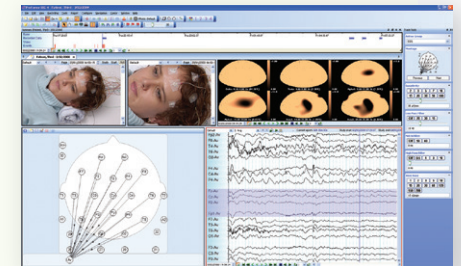**Sturdy, heavy-duty casters with** both swivel lock and brake lock

Cart option shown may vary.

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 5 features:
- Multiple simultaneous montage review
- Multiple simultaneous video image review
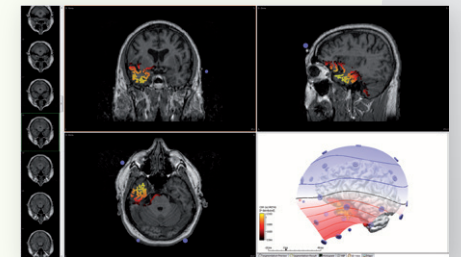- Seamless integration to CURRY 7 Neuroimaging Suite

Profusion EEG - Multiple independent video windows

CURRY SCAN 7
NEUROIMAGING SUITE

Part of Compumedics Innovative Solutions for Epilepsy

CURRY 7 Neuroimaging Suite 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.**

CURRY 7 Neuroimaging Suite

PRO FUSION neXus ™
The Ultimate Lab Management Tool

Profusion EEG integrates directly within the **Profusion neXus Lab Management System** to optimize workflow and enhance efficiency in your diagnostic or research laboratory.

Profusion neXus 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

over 2 *DECADES of ADVANCED* BRAIN RESEARCH

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