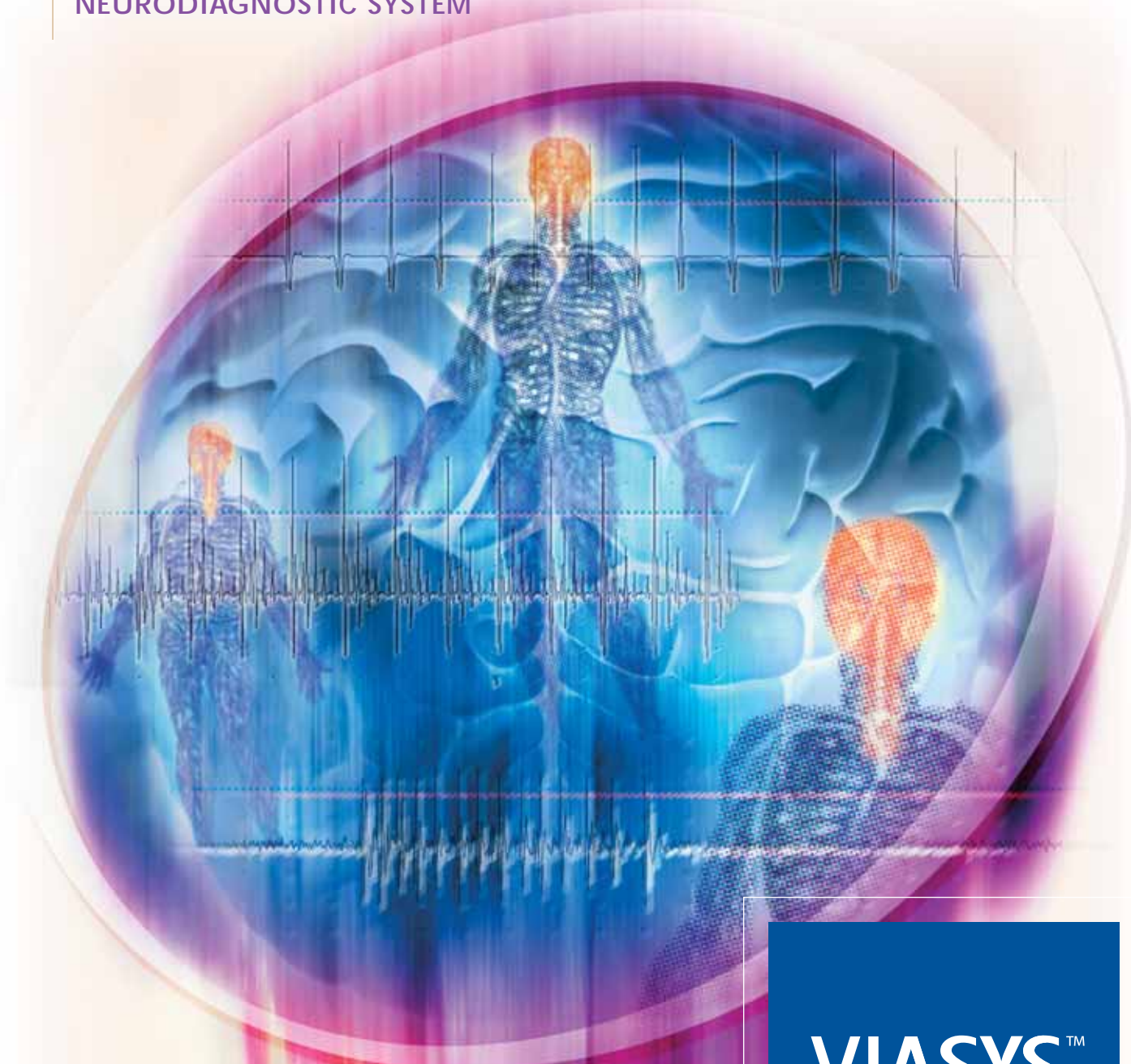


# VikingQuest™

NEURODIAGNOSTIC SYSTEM



**VIASYS™**  
HEALTHCARE  
*Excellence For Life*



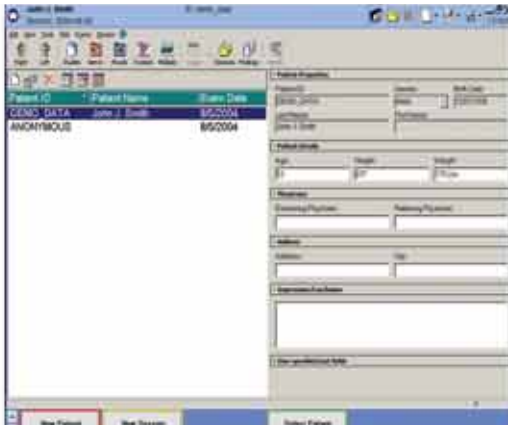
*The VikingQuest from VIASYS Healthcare is the perfect extension to any clinical practice. This system takes your practice to new places.*

## THE PERFECT PORTABLE SOLUTION

The portable, efficient and reliable **VikingQuest** allows you the flexibility you need to perform neurodiagnostic exams virtually anywhere with this lightweight system.

Even if you've never used a neurodiagnostic system, the VikingQuest is simple to operate. It provides more functionality and connectivity to your existing systems than any other portable neurodiagnostic device.

- Utilizes the **NicVue™** or VikingQuest patient database software for **optimized patient handling**.
- USB communication to the computer allows for minimal cables and **quick setup** time.
- Control panel and cursor wheel facilitates **simple** single-hand operation.
- Automated Study™ to create **user-specific protocols** that can be completed with a single button.
- **Remotely analyze** data by using the notebook computer as a stand alone review station.
- **Lightweight** base unit with triggering capabilities that allow the system to meet any neurodiagnostic demands.
- 2 or 4-channel amplifiers for **unmatched data quality** in all environments.
- The **total solution**, for the mobile or office based customer, providing superb neurodiagnostic testing capabilities.



### SELECT EXAM

- Provides quick access to all testing modalities and exams
- Patient Directory and Patient Information are displayed in a single organized screen
- Display provides rapid selection of side and anatomical area being examined
- Recall waveform data and diagnostic findings for quick comparison and review



## MAKING THE CONNECTIONS

### CONNECTING TO THE PATIENT

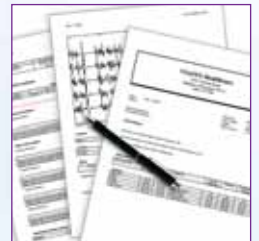
Optimize patient outcomes with VikingQuest's proven multi-modality software. A **complete and integrated** package for all environments, VikingQuest uses advanced recording and stimulus techniques to capture data from multiple neural structures, including:

Motor Nerve Conduction (MNC)	Sensory Nerve Conduction (SNC)	Additional Nerve Studies (ANS)
F-wave	H-Reflex	Blink Reflex
Repetitive Stimulation	Reference Values	Inching
Auditory Evoked Potential (AEP)	Visual Evoked Potential (VEP)	Somatosensory Evoked Potential (SEP)
P300	ECoG	ENoG
Long Latency Response (LLR)	Sponataneous EMG	Quantitative EMG
Quantitative Volitional EMG	Interference Pattern Analysis	EMG Spectral Anaysis
Single Fiber EMG	Macro EMG	Multi-channel EMG
Multiple Modality Programs	R-R Interval	R-R Valsalva
Signal Triggered Averaging	Spike Triggered Averaging	Bereitshaft Potentials
Report	Sympathetic Skin Response (SSR)	Rectified EMG

### CONNECTING TO THE SYSTEM

The connections we've designed for the VikingQuest are the most **efficient and stable** available. You will rely on the VikingQuest to deliver efficiency and accuracy through:

- **Superior amplifier technology** available in 2 or 4 channels.
- Connect to your existing network to acquire patient data and **review remotely** from anywhere on your network.
- **NicVue** allows you to **easily move data** across your network and perform statistical analysis for patient follow-up and billing.
- The **V-Link** component of VDEX will **save time and resources** by seamlessly communicating with your clinic or hospital information system. V-Link will allow your patients to get accurate results in a matter of days.
- **Internal Diagnostics** will test every hardware component on the system. It will provide reports detailing the results to maintain the highest level of performance.
- **USB interface** for the latest technology in system communication. The proven stability of this platform will ensure the system performs to the highest standards.



### EMG

- Multiple display modes for viewing EMG activity
- Easy to use notepad to document findings
- Store 120 seconds of EMG data for review and reanalysis in any of the display modes
- Quantitative analysis table provides a quick overview of data
- Mouse functionality for easy waveform acquisition and analysis

Category	Study	Study Type	Study Date	Study Time	Study Location	Study Status	Study Results
L4-L5	Motor Nerve Conduction	Normal	10/10/10	10:00	10/10/10	Normal	Normal
L4-L5	Sensory Nerve Conduction	Normal	10/10/10	10:00	10/10/10	Normal	Normal
L4-L5	Additional Nerve Studies	Normal	10/10/10	10:00	10/10/10	Normal	Normal
L4-L5	Quantitative EMG	Normal	10/10/10	10:00	10/10/10	Normal	Normal
L4-L5	EMG Spectral Analysis	Normal	10/10/10	10:00	10/10/10	Normal	Normal

### FINDINGS

- Complete list of results
- Quickly retrieve recording of waveforms
- Enter critical information in offline notepad
- Define which elements to include in the final report
- Review anatomical diagrams of the areas studied

## CONTINUUM OF CONFIDENCE

From the integrity of **VIASYS Healthcare** to the reliability of the data from our equipment, the VikingQuest is the most reliable portable neurodiagnostic system in the market.

### COMPANY

With more than a century of combined experience, our trusted brands, Nicolet, Grason-Stadler and Toennies have provided **innovative technologies** for diagnostic audiology, neurodiagnostic, peripheral vascular and hand-held Doppler equipment.

### EXPERIENCED SUPPORT

Our more than 220 trained regional and in-house representatives provide **unmatched customer support**. We're committed to helping you get the most out of your VIASYS diagnostic and monitoring systems.

### HARDWARE

As with all our products, VikingQuest is designed to achieve the perfect balance of **simplicity, ease of use, and flexibility**. Quality amplifiers provide accurate and reliable data.

### SUPPLIES

To complement the performance offered by all of our systems, we offer a full line of quality electrodes and supplies.

Excellence in life, excellence in design, and excellence in support: VIASYS Healthcare provides top equipment, supplies, and services to help you offer the **quality of care** your patients expect.



***VIASYS Healthcare and Nicolet  
provide the highest quality products  
and service in the industry.***

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## EXCELLENCE IN NEURODIAGNOSTICS


**VikingQuest** is the most widely used and trusted system in neurodiagnostics. The **superior functionality** of the system will save you time and optimize patient results during examinations. The Automated Study and Anatomy Database features are efficient and make it easy for you to customize your system for your specific needs. Used in the majority of teaching hospitals, the Viking is a **true product of education**.

With the NicVue software interface used by VikingQuest, you can customize how your system handles your valuable data. Also, with the **V-Link™** component of **VIASYS Data Exchange System (VDEX™)**, you'll be able to seamlessly communicate with your hospital or clinic information system, reducing the potential for error through manual data entry. V-Link and NicVue will make your labs more **efficient and productive**.

Our more than 220 trained regional and in-house representatives provide you with the **best customer service in the industry**. In the rare event that problems arise, your system will be back to work with minimal downtime.

VIASYS Healthcare is committed to help you **improve your practice** with the highest-quality system, from the data you capture, manage and diagnose, to the service and expertise you will receive.

**VIASYS Healthcare – Excellence for Life**



Seamlessly connect with your hospital or clinical interface system.

The base unit provides a simple interface to the portable or desktop system.

The desktop option can turn the VikingQuest into a powerful clinical system.

The latest computer technology and software advances.



VIASYS HEALTHCARE — *EXCELLENCE FOR LIFE*

For more information about our audiology, neurodiagnostic, peripheral vascular and monitoring equipment, contact your VIASYS Healthcare professional. Offices in the U.S., United Kingdom, Netherlands, Germany, and Japan with representative organizations worldwide.

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