MAKING THE CONNECTIONS

Optimize patient outcomes with Synergy's proven software. A complete and integrated package for all environments, Synergy uses advanced recording and stimulus techniques to capture data and simplify review, including:

NEUROMUSCULAR STUDIES & EMG STUDIES		
Motor Nerve Conduction (MNC)	Sensory Nerve Conduction (SNC)	Combined MNC & SNC Studies
Multi-channel EMG & NCS (up to 10 channels)	Botox EMG monitoring	F-waves
Blink Reflex	High Frequency Repetitive Stimulation	Low Frequency Repetitive Stimulation
Sympathetic Skin Response (SSR)	Inching	Collision Studies
Free running EMG	Triggered EMG	Superimposed EMG
Rastered EMG	EMG LivePlay™ (up to 10 channels)	EMG Long Trace™
Single MUP Analysis	Tremor (manual calculation)	Multi channel EMG
Long latency response (LLR)	Refractory period study	Signal-triggered averaging
Microneurography	R-R Interval (manual)	
Spike-triggered averaging	Rectified EMG	
QUANTITATIVE EMG PACKAGE		
Multi-MUP Analysis	Interference pattern Analysis (IP)	Expert's Quantitative IP (Equip)
Turns & Amplitude (TA)	Fast Fourier Transform (FFT)	
SINGLE FIBER EMG PACKAGE		
Triggered Single Fiber EMG	Stimulated Single Fiber EMG	Fiber Density
Macro EMG		
EVOKED POTENTIALS		
Somatosensory (SEP & Dermatomal)	Auditory - BAER, CERA, MLR, ECochG, 40Hz	Visual Flash VEP, Pattern VEP, Flash ERG, Pattern ERG, Combined VEP/ERG, EOG
Cognitive (incl P300 and CNV tests)	Motor	
INTRA-OPERATIVE MONITORING (INCLUDES EVOKED POTENTIALS)		
Multi-modality (up to 4 tests simultaneously)	Train of 4	Dual electrical stimulation
ALL SYSTEMS		
Microsoft Windows	Microsoft Office Professional	Compensated Reference Values (age, height, temperature, distance)
NicVue & V-Link option	Synergy Server software option	Test Configuration Wizard

SUPPLIES AND ACCESSORIES

Medelec Elite™ Disposable Concentric Needles

TECA Disposable MyoJect Needles for Botox™ therapy and nerve block procedures

Disposable NCV kit with leads

VIASYS NEUROCARE—*EXCELLENCE FOR LIFE*

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

VIASYS NEUROCARE

Grason-Stadler • Medelec • Nicolet • TECA

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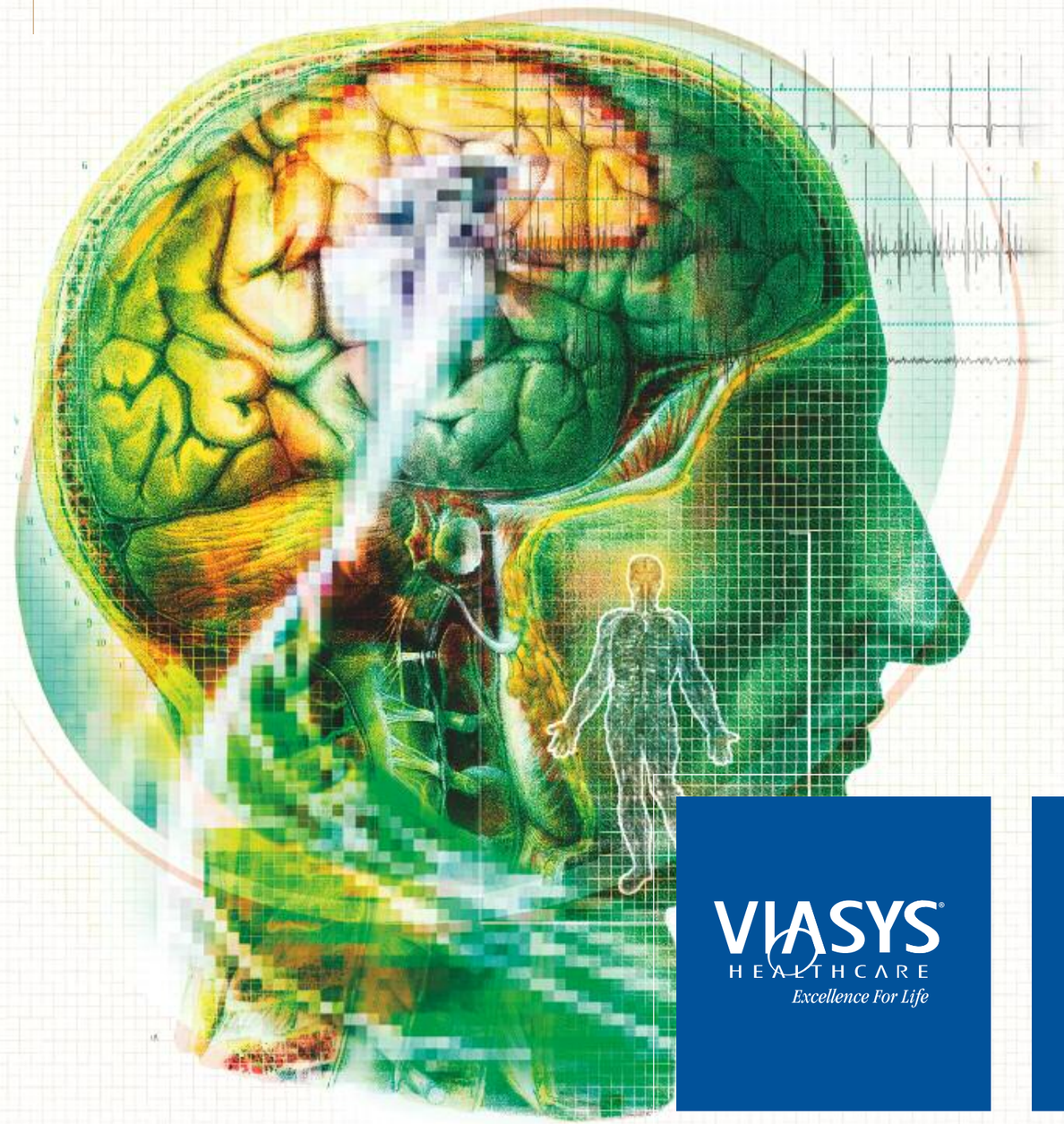
MedelecSynergy Plinth

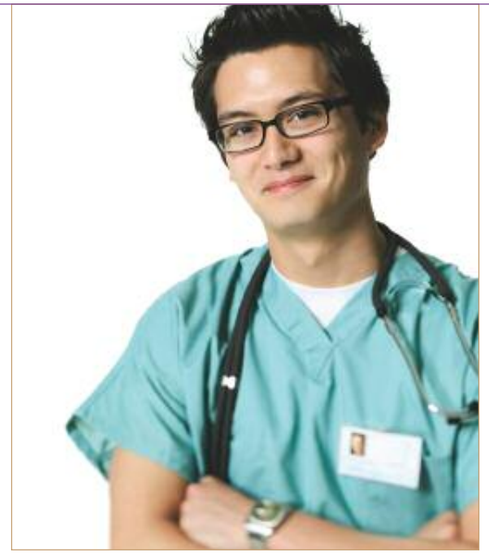
NEURODIAGNOSTIC SYSTEM



VIASYS HEALTHCARE

Excellence For Life

MedelecSynergy Plinth



VIASYS Healthcare creates more than superior neurodiagnostic equipment - they create customer-focused solutions.

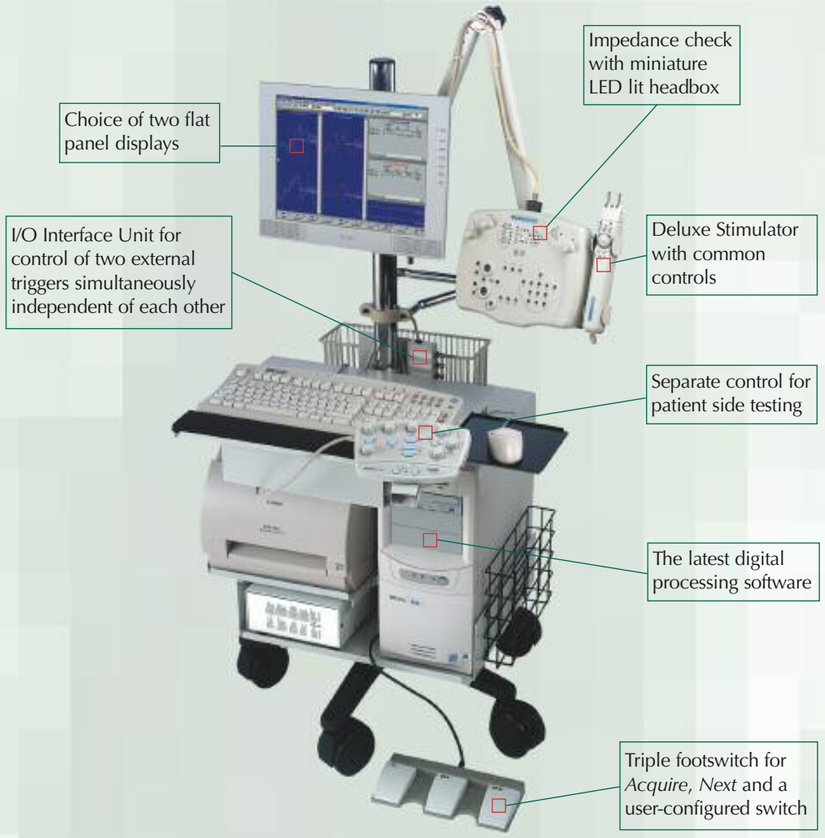
POWERFUL YET FLEXIBLE

The Medelec Synergy Plinth systems provide you with the power of a diverse number of tests with the same ease-of-use as the Synergy PIU systems.

Overview

- Choice of a very portable notebook or compact desk top system.
- Choice of 2, 5 and 10 channel systems and a variety of test packages to match your needs.
- Simple set up with the powerful Test Configuration Wizard and montaging via software.
- Patient side controls via the Control Panel, Deluxe Stimulator and Amplifier – work closer to your patient.
- Monitor trace window next to the acquisition screen – check signal quality and prevent artifact from overloading the averaged response.
- Compare sides and reference values with *AutoCompare*, *Differences* and *Compare*.
- Review your Microsoft Word report on-line. Add your chosen traces, results, graphs; add comments and annotate specific runs while testing.
- Share your data across a network via NicVue and V-Link.

EXCELLENCE IN NEURODIAGNOSTICS



CONTINUUM OF CONFIDENCE

From the integrity of VIASYS Healthcare to the reliability of the data from our equipment, our EMG systems, including the Synergy Plinth, are the most reliable neurodiagnostic systems on the market.

COMPANY

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

EXPERIENCED SUPPORT

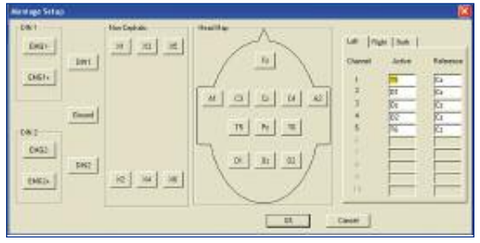
With a team of more than 220 global representatives, VIASYS provides unmatched customer support. We're committed to helping you get the most out of our diagnostic and monitoring systems.

HARDWARE

As with all our products, the Synergy Plinth system is designed to achieve the perfect balance of reliability, ease of use, and flexibility.

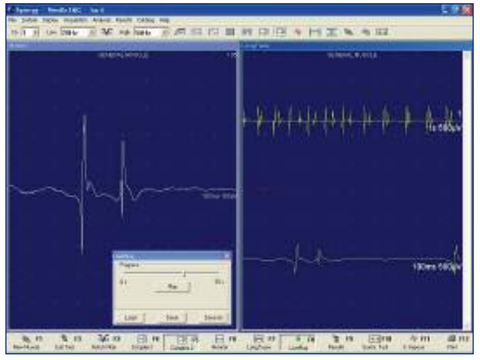
SUPPLIES

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



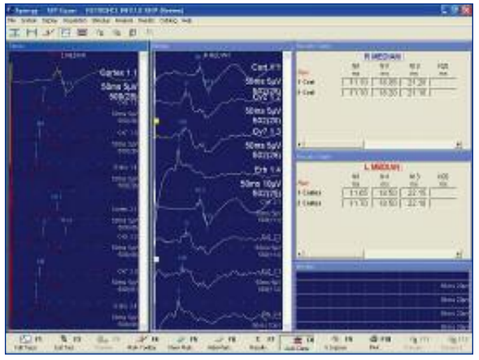
SET UP

- Montage setup via software
- Test Configuration Wizard & Protocol Wizard
- Update tests on the fly in acquisition
- Impedance check at patient side- disable those that shouldn't be tested
- Multiple users supported



NCS & EMG

- Up to 10 channels EMG
- Up to 10 channels EMG LivePlay™ (up to 360secs) for reanalysis
- Diagnosis-based test folders available
- Advanced Single Fiber and Q EMG packages



EVOKED POTENTIAL

- Up to 100 runs per EP test, add and delete on the fly
- Wide range of EP stimulus parameters
- Software controlled external triggers
- Dual SEP stimulators for simultaneous bilateral studies
- Automated sequences for AEP