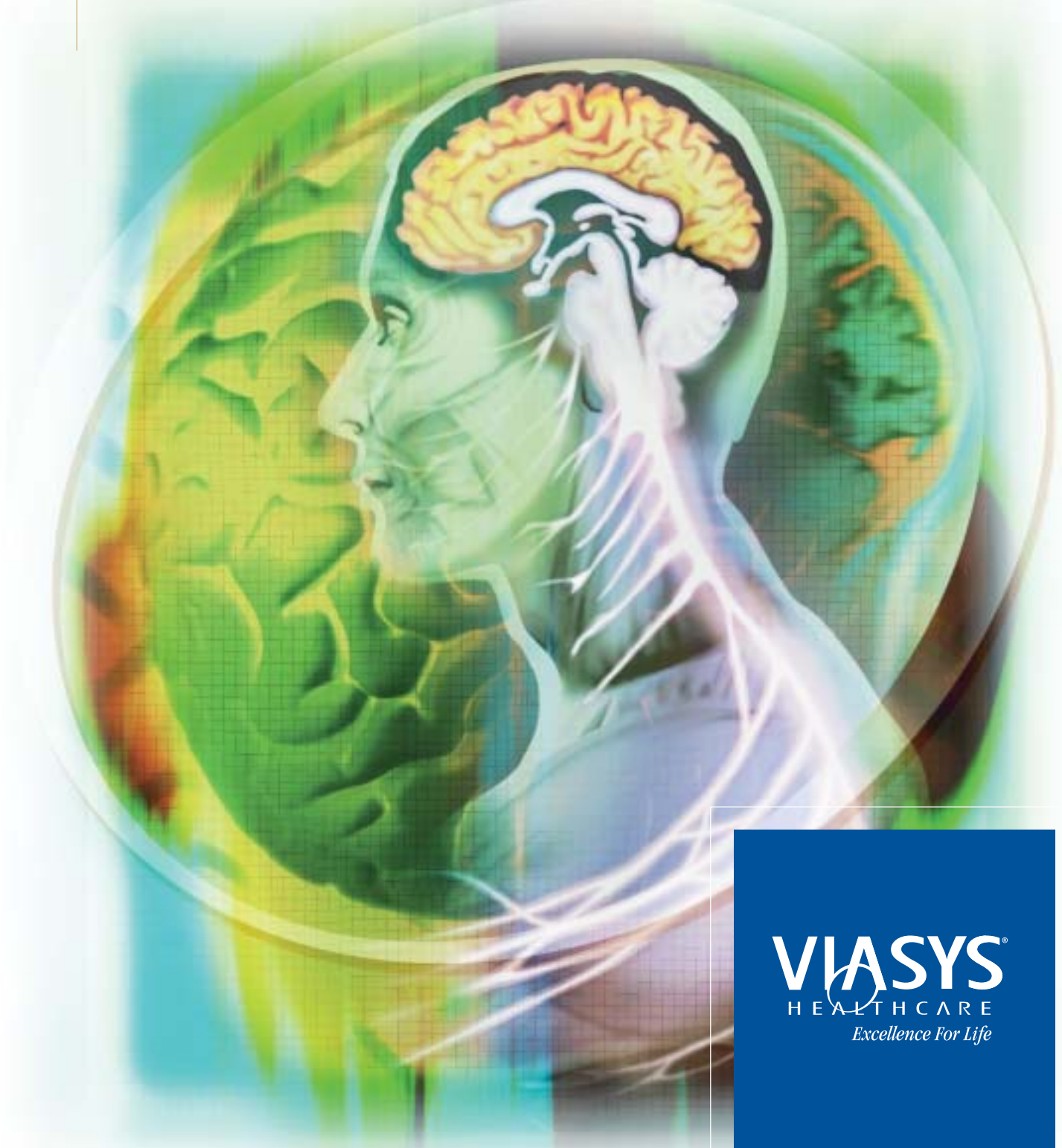


# MedelecSynergy N2

ULTRA-PORTABLE 2 CHANNEL NCS/EMG/SEP SYSTEM



**VIASYS**<sup>®</sup>  
HEALTHCARE  
*Excellence For Life*

# MedelecSynergy N2



*MedelecSynergy provides consistent software functionality and test protocols from nerve conduction studies to 2 channel Evoked Potentials to make your work easier and faster...*

## BECAUSE TIME IS OF THE ESSENCE

VIASYS Healthcare brings you the latest generation of **MedelecSynergy** systems – proven instrumentation enhanced with you and your time in mind.

**MedelecSynergy** is the one of the most widely used and trusted EMG/EP systems in neurodiagnostics. The **superior functionality** of the system will save you time and optimize patient results during examinations.

In the clinic or traveling between sites, **MedelecSynergy N2** gives you unrivaled 2 channel testing capability.

### PORTABILITY AND FLEXIBILITY

- The N2 consists of just two components: a lightweight notebook PC and Patient Interface Unit (PIU) – Includes amplifier, probe inputs, stimulator and dedicated controls
- Software comes already loaded – just power up and you're ready to go
- Customised instrument settings for each test/nerve, which can be changed on the fly
- Unique on-screen monitor trace checks signal quality before stimulating a patient

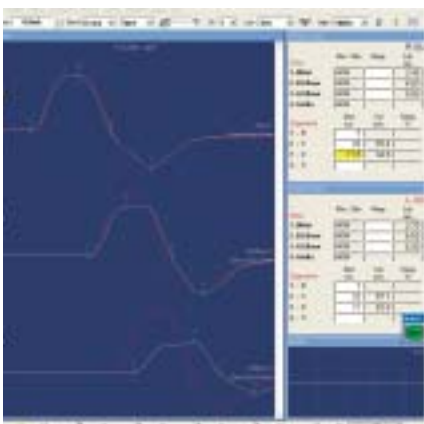


### DEDICATED SUPPORT AND COMMITMENT

Our world-wide support provides 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.

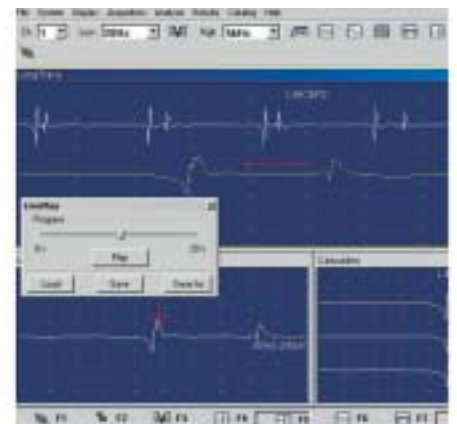
VIASYS Healthcare is committed to help you **improve your practice** with the highest-quality system, from the data you capture, manage and diagnose, to the service and expertise you will receive.

**VIASYS Healthcare** – Excellence for Life



### FASTER TESTING

- Protocol Wizard – stored protocols which can also be changed on the fly
- Patient Side Controls – no more stretching from instrument to patient
- Continuous monitor trace alongside acquisition screen – provides fast visual checks on signal quality
- Automated marking algorithms – saves time placing markers and giving faster results



## EXCELLENCE IN NEURODIAGNOSTICS

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

### NERVE CONDUCTION STUDIES

Motor Nerve Conduction, Sensory Nerve Conduction, Combined Motor and Sensory Nerve Conduction, F Wave, H Reflex, Sympathetic Skin Response, Inching, Blink Reflex

### NEUROMUSCULAR STUDIES

Repetitive Nerve Stimulation

### EMG STUDIES

#### All packages include:

- LivePlay™ – instant replay of EMG waveforms with audio; review and analysis up to 360 seconds of continuous EMG
- LongTrace™ – display for sampling, review and analysis of extended interference pattern recordings.

### NEEDLE EMG STUDIES

Free running, triggered, superimposed, rastered, Single MUAP

### QUANTITATIVE EMG STUDIES\*

Multi Motor Unit Analysis and Interference Pattern (Turns & Amplitude, FFT, Experts Quantitative Interference Pattern Analysis)

### SINGLE FIBRE EMG STUDIES\*

Triggered and Stimulated SFJ, Fiber Density, Macro EMG tests.

### SEP STUDIES

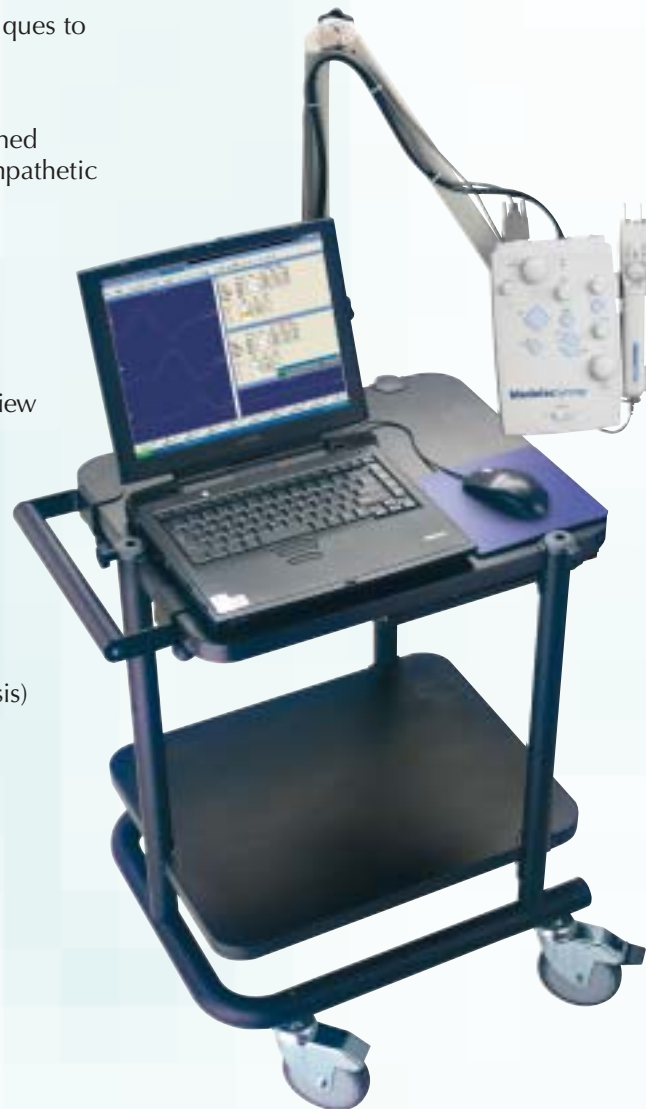
#### All packages include:

Upper and lower limb SEP, DSEP

### NOT ONLY A DIAGNOSTIC SYSTEM

The Synergy systems come with Microsoft Office™ as standard. This includes Word™, PowerPoint™, Excel™, and Access™. These systems are network-ready with Microsoft Windows™.

\* Optional tests



### FASTER DATA REVIEW

- Unique AutoCompare™ function for instant left and right comparisons
- Unique LivePlay™ feature stores up to 360 seconds of live EMG data so you can replay and analyse even in other tests
- Full screen view for easier review at the double click of a button



### FASTER REPORTING

- Fast, on-line reporting available during testing – add comments as you go along
- Flexible Microsoft Word-based system allows you to customise your reports – you can even add the logo of your clinic or hospital
- Auto-text for rapid summaries where reporting is standard
- Transfer selected traces and add comments while in the acquisition screen

# Supplies and Accessories ... renowned reliability, quality and performance.

## Needle Electrodes



### Medelec Elite™ Disposable Concentric Needles

Length	Needle diameter (mm)	Hub color	Recording area (mm <sup>2</sup> )	Catalogue #
1" (25 mm)	0.30 (30G)	Red	0.03	53153
1" (25 mm)	0.46 (26G)	Yellow	0.07	53155
1.5" (37 mm)	0.46 (26G)	Green	0.07	53156
2" (50 mm)	0.46 (26G)	Blue	0.07	53158
3" (75 mm)	0.54 (23G)	Violet	0.07	53159
25 per box				



### Medelec Disposable Myoject Needles for Botox™ therapy and nerve block procedures

Length	Needle diameter (mm)	Lead color	Catalogue #
1" (25 mm)	0.30 (30G)	Red	MJT-2530-TP
1" (25 mm)	0.41 (27G)	Yellow	MJT-2527-TP
1.5" (37 mm)	0.41 (27G)	Orange	MJT-3727-TP
1.5" (37 mm)	0.46 (26G)	Green	MJT-3726-TP
2" (50 mm)	0.51 (25G)	Blue	MJT-5025-TP
3" (75 mm)	0.71 (22G)	Violet	MJT-7522-TP
10 Needles per box			



### Medelec Disposable Monopolar Needles

Length	Needle diameter (mm)	Hub color	Recording area (mm <sup>2</sup> )	Catalogue #
1" (25 mm)	0.36 (28G)	Red	0.28	902-DMF25-TP
1" (25 mm)	0.46 (26G)	Yellow	0.34	902-DMG25-TP
1.5" (37 mm)	0.36 (28G)	Orange	0.28	902-DMF37-TP
1.5" (37 mm)	0.46 (26G)	Green	0.34	902-DMG37-TP
2" (50 mm)	0.46 (26G)	Blue	0.34	902-DMG50-TP
3" (75 mm)	0.46 (26G)	Violet	0.34	902-DMG75-TP
48 per box. *Note: Catalog # 902-DMG75-TP in boxes of 24 electrodes				

## Electrodes



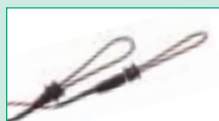
### VIASYS Disposable Ground Plate Electrode with lead Pre-gelled

Silver/silver chloride 40mm x 50mm electrode with lead attached. 1 electrode per pouch, 24 per pack, available in 2 lead lengths. 1m lead Cat # **019-400500** and 2m lead Cat # **019-409100**.



### Reusable Ground Electrode

Reusable 30mm diameter stainless steel ground plate electrode available in 2 lead lengths. 0.75m lead Cat # **019-401200** and 1.25 lead Cat # **019-411700**.



### Reusable Digital Ring Electrodes

Ring electrodes for sensory nerve stimulation and recording. Conductive gel should be used on each ring. Consists of two spring stainless steel, adjustable rings with separate red and black PVC coated connecting wires. Available in 2 lead lengths 46cm 18" Cat # **6032-TP** and 1m 36" Cat # **5032-TP**.



### VIASYS Disposable 4 disk Electrode set with leads

Pre-gelled silver/silver chloride 20mm diameter, 4 per pouch, 15 packs per box. Ideal for NCS, SEP, AEP, EMG, ENG and Sleep Studies, available in 2 lead lengths. 1m lead version Cat # **019-400400** and 2m lead Cat # **019-409000**.

Please call to find out more about our entire range of supplies and accessories.