



Advanced EMG/NCS/EP workstation
designed for convenience & flexibility

The Dantec Keypoint EMG/NCS/EP Workstation ensures a quick path to diagnostic accuracy. The fourth generation Keypoint sets new standards for test quality and flexibility, providing an optimized workflow from acquisition to final report.

Outstanding Recording Performance

Industry-leading amplifiers and stimulators feature outstanding signal quality and reliability.

Choose 3-, 4-, 6- or 8-channel system with dedicated inputs for EMG, NCS and EP recordings using either needle electrodes or surface electrodes.



- High CMRR and low input noise for the Keypoint G4 amplifiers provide consistent, high quality recordings
- Software controlled interconnection of reference inputs
- Electrode impedance measurement with LED feedback

Dantec Keypoint G4 Features

- Ultra sharp 22" LCD display
- Vertical adjustment enhances ergonomics for multiple users in either sitting or standing operation
- Right/left pan and forward/back tilt minimizes glare and increases viewing comfort
- Flexible amplifier/stimulator arm for close patient connection – easily moved without tools for placement on either side of the system
- Dedicated control panel eliminates need for mouse
- Retractable shelf for convenient access to keyboard
- Easily accessible storage of accessories
- Central cart console designed to contain integrated loudspeaker for real EMG sound, high performance ultra-small-form-factor PC and all essential cables

Advanced Stimulus Probe



- Multi controls with function buttons for fast and convenient patient-side operation;
- Controls include stimulus intensity, stimulus activation, single/recurrent stimulation, reverse anode and cathode
- Two test dependent functions
- Three convenient quick-connect probe heads
- Probe heads may be removed for access to touchproof connectors



Versatile EMG/NCS/EP software

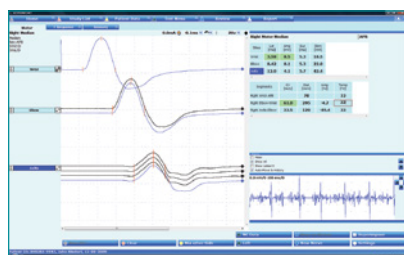
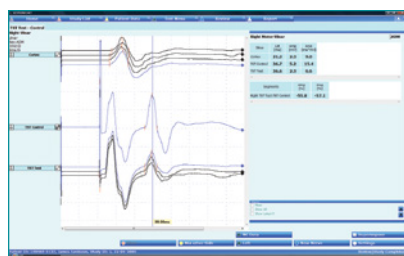
Growing exam volume, larger data sets per exam, less time, reference values... in today's medical diagnostic environment, the clinical practitioner is confronted with an overwhelming amount of data for interactive analysis. Dantec Keypoint.NET software is designed to meet this challenge with an exclusive suite of flexible, customizable features to improve quality-based performance. Keypoint.NET consists of a number of customizable test templates which supports the following applications:

Test Template	Applications
Motor Nerve Conduction	Motor NC, Motor Nerve Inching TLI (Terminal Latency Index), Silent Period Motor Evoked Potentials TST (Triple-Stimulation Technique) Sympathetic Skin Response Collision studies, Refractory Period
Sensory Nerve Conduction	Sensory NC, Near-nerve Sensory NC Mixed NC Sensory Nerve Inching, Micro Neurography
F-Wave	F-Wave testing
H-Reflex	H-Reflex testing
Blink Reflex	Electrical stimulated Blink Reflex Mechanical stimulated Blink Reflex
R-R Analysis	R-R analysis, R-R valsalva test

Test Template	Applications
EMG	Free-running EMG, Signal triggered EMG Multi-MUP analysis, TA analysis Peak-ratio analysis, EMG event recorder
Single Fiber EMG	Multi-peak voluntary Single Fiber EMG Stimulated Single Fiber EMG
RNS	Decrement test
EMG Monitor	Multi channel EMG, Tremor assessment
SEP	Upper Extremity SEP Lower Extremity SEP Dermatome EP
AEP	BAEP, OHL, MLEP, LLEP, P300, MMN, CNV
VEP	Pattern Reversal VEP, Flash VEP, Flash ERG

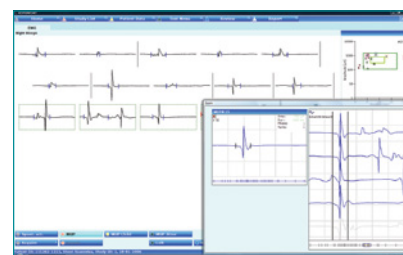
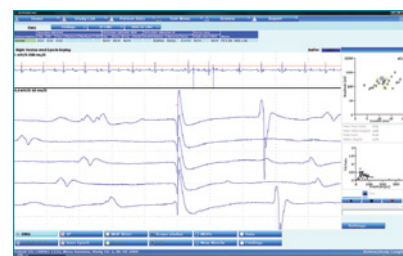
Versatile nerve conduction testing

- Auto event marking
- Repeat function per site
- Recordings saved with full acquisition resolution
- Full flexibility in modality mixing
- Comprehensive setup of reference values
- User-definable and fast NC results summary
- Separate window for display of background activity
- Choice of waveform background color



Advanced EMG testing

- Split acquisition display combines long overview display and single-potential raster view
- Multi-MUP EMG Analysis
- Recordings saved with full acquisition resolution
- EMG event recorder function allowing event recordings up to 15 minutes
- Offline playback with sound
- Comprehensive set-up of reference values
- Choice of waveform background color



Reporting

Microsoft® Word-based report generator featuring:

- User-defined report layout including hospital or clinic logo, text fields, table layout and waveform plots
- User-defined column selection in tables
- User-defined table layout
- User-defined nerve and muscle order in tables
- Combine motor, F-wave and sensory test results in one table
- Pre-defined text blocks for user-preferred standard text
- Reference values

Store & retrieve data effortlessly

A secure and powerful Microsoft® SQL database, designed for easy file management enables automatic tracking and organization of patient recordings including:

- Patient and study data
- Automatic data storing
- Test results, settings and waveforms in full resolution

Networking

The Keypoint network capabilities were developed to support a wide range of installation sites while focusing on security and reliability. Adaptable to small clinics with no professional IT support, as well as large hospital installations with system access controlled by IT using Active Directory Services.

Service

At Natus, we strive for excellence in customer and technical service.

Here's how we can help:

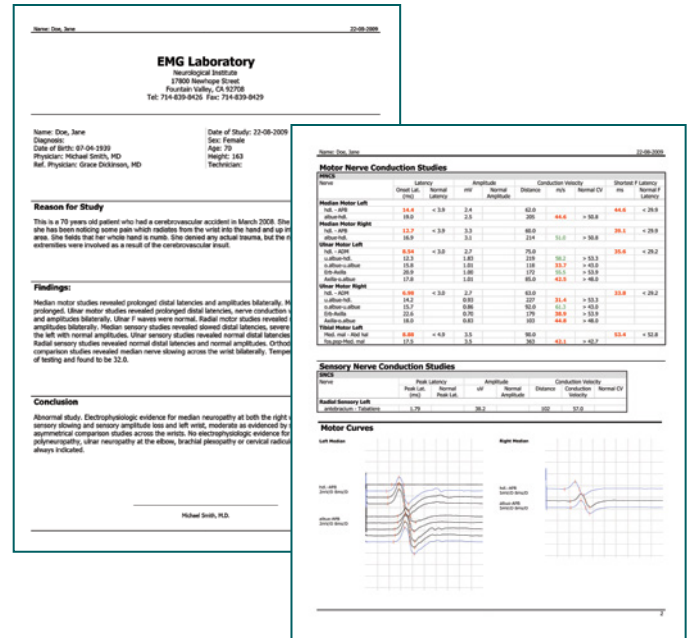
- Accessible and effective Technical Support
- Definitive technical documentation and knowledgeable installation teams
- Replacement unit and spare part availability
- Optional extended warranty and service coverage programs

Healthcare solutions with one thing in mind. You.

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EMR integration

The Keypoint database can be connected to an EMR system using HL7 or SOAP communication protocols. Interfacing with the hospital EMR system includes receiving patient demographic information and sending reports in either Microsoft® Word or XML format.



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Supplies

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Natus supports the full spectrum of neurodiagnostic care, providing a complete portfolio of EMG supplies for a seamless solution.

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- Streamlined order processing

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