



Compact EMG/NCS/EP workstation

The Dantec Keypoint Focus EMG system is based on nearly 50 years of experience in EMG system design. Quality, accuracy, and dependability – what you have come to expect from the Dantec brand.

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 amplifiers provide consistent, high quality recordings
- Software controlled interconnection of reference inputs
- Electrode impedance measurement with LED feedback

Advanced Stimulus Probe



Adult Straight Probe Head



Adult Angled Probe Head



Pediatric Angled Probe Head

- 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

Dantec Keypoint Focus Features

- Vertical monitor adjustment enhances ergonomics for multiple users in either sitting or standing operation
- Right/left pan and forward/back tilt of the monitor 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 a mouse
- Retractable shelf for convenient access to keyboard
- Optional storage for accessories



Dantec Keypoint Focus portable notebook system



Dantec Keypoint Focus workstation

Versatile EMG/NCS/EP software

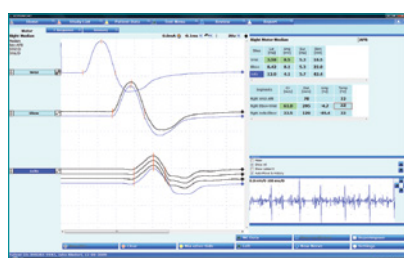
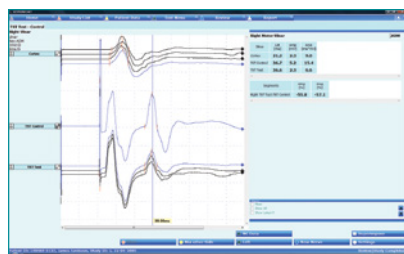
Growing exam volume, larger data sets per exam, less time, reference values... in today's medical diagnostic environment, the clinical practitioner is confronted with an overwhelming amount of data for interactive analysis. Dantec Keypoint.NET software is designed to meet this challenge with an exclusive 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

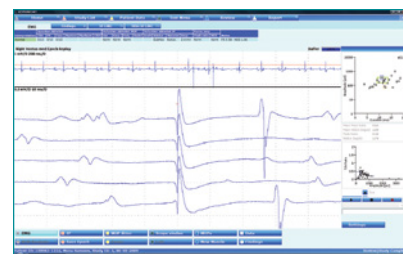
Versatile Nerve Conduction testing

- 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.

©2022 Natus Medical Incorporated. All Rights Reserved. All product names appearing on this document are trademarks or registered trademarks owned, licensed to, promoted or distributed by Natus Medical Incorporated, its subsidiaries or affiliates. 007379 RevG

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.

EMG Laboratory
Neurological Institute
17800 Northridge Street
Houston, Texas, TX 77058
Tel: 714-829-8426 Fax: 714-829-8429

Name: Don, Jane Date of Study: 22-09-2009
Diagnosis: Sec: Female Age: 79
Order #: 03-04-2939 Physician: Michael Smith, MD Height: 163
Ref. Physician: Clara Dickman, MD Technician:

Motor Nerve Conduction Studies

Nerve	Stimulus	Latency		Amplitude	Conduction Velocity		Sensory F Latency	Sensory F Amplitude
		Distal	Proximal		Distal	Proximal		
Median Motor Left	Great Lat	14.4	< 3.5	3.4	63.0		44.4	< 26.4
	Small Lat	18.0		2.6	29.0	44.8	> 50.0	
	Distal	18.0		2.6	29.0	44.8	> 50.0	
Ulnar Motor Left	Great Lat	18.0	< 3.5	3.3	69.0		36.4	< 26.2
	Small Lat	18.0		2.7	26.0			
	Distal	18.0		2.7	26.0			
Median Motor Right	Great Lat	14.2	< 3.5	3.7	63.0		43.8	< 26.2
	Small Lat	18.2		2.7	27.0	45.2	> 50.0	
	Distal	18.2		2.7	27.0	45.2	> 50.0	
Ulnar Motor Right	Great Lat	18.0	< 3.5	3.7	63.0		35.8	< 26.2
	Small Lat	18.0		2.7	27.0	45.2	> 50.0	
	Distal	18.0		2.7	27.0	45.2	> 50.0	

Sensory Nerve Conduction Studies

Nerve	Stimulus	Peak Latency		Amplitude	Conduction Velocity	
		Distal	Proximal		Distal	Proximal
Radial Sensory Left	Distal	1.2		36.0	100	100.0
	Proximal	1.2		36.0	100	100.0

Motor Curves

Left Median: [Graph showing motor curves for Left Median nerve]

Right Median: [Graph showing motor curves for Right Median nerve]



Join the Neuro Training Academy for clinical resources, learning opportunities and more!
neuro-training.academy

Supplies

Convenient, complete, trusted

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

We also offer:

- Dedicated and knowledgeable customer service
- Streamlined order processing

To learn more about Natus products, contact your local distributor or sales representative.

International Customers Call: +1-608-829-8500

natus

Natus Medical Incorporated

natus.com