SCALABLE HARDWARE AND SOFTWARE

Build the system you need with a variety of stimulators, amplifiers, and test protocols.

- Our most advanced amplifiers offer 1-12 channels of sophisticated filtering and noise reduction
- Choose from a variety of carts, computers and monitors or provide your own
- Configure a portable Summit™ system that can be set up for testing in a matter of seconds

FLEXIBLE AND FAMILIAR DESIGN

- **See it how you want to:** Custom views give you full control of displays, colors, tables and test protocols
- **Hear it how you want to:** Our highest sound quality is achieved with instantaneous signal processing, dual high-quality speakers and full equalizer controls
- **Use it how you want to:** Customize your workflow with user-defined studies and tests that can be adjusted on the fly

INNOVATIVE INTERFACE

**StimTroller Plus™ for NCS**
- Perform an entire NCS from the palm of your hand
- Control intensity, pulse width, distance, nerve selection, site selection, trace selection and more.

**StimTroller Plus™ for EMG**
- Control gain, sweep, run/stop, playback and volume controls exactly where you need them - right next to your needle.

**Precise and responsive controls**
- Simplified interface with programmable protocol-specific function keys and knobs
The Sierra® Summit™ is designed for the electromyographer who prioritizes reliability and durability. Passion, experience and focus are the building blocks of Cadwell’s most advanced and innovative electrodiagnostic system.

**REDUCE TESTING TIME**
- Perform any NCS using only the StimTroller Plus™ controls
- Reduce interpretation time with real-time comparisons and Tabular Data Summary View
- Eliminate the need to report a summary of findings with auto findings composer with custom phrasing
- Create a personalized report with just a few mouse clicks using QuickReport™ and custom templates

**IMPROVE WORKFLOW**
- Synchronized Patient Database includes all studies, reports and other associated documentation
- Fail-safe storage and Auto Archiving
- Multiple EMR interface options include auto PDF export, HL7 ADT and ORM orders inbound and results outbound
- User management with user-specific system setup, user roles and single log-in with Active Directory integration

**MAXIMIZE CLINICAL INFORMATION**
Seamlessly transition from a standard muscle screen to a detailed investigation without adding time or complexity.
- Simple on-screen controls and settings can be changed on the fly
- Simultaneously display data in multiple formats to maximize extraction of clinical information and reduce study time
- Hands-free MUP triggering, Multi-MUP analysis, turns/amplitude analysis, and real-time interference pattern analysis
- Get immediate quantified results compared with published normals

**STREAMLINED PROTOCOLS**
Cadwell puts great effort into reducing examination time, minimizing patient discomfort and providing a simple interface. Our latest SFEMG+ protocol gives you hands-free recording, automatic peak detection and triggering, real-time analysis with live results and normative data for standard concentric needles. You can exclude traces and refine your results in seconds.

Request a demo to see how this powerful EMG/NCS system can increase your efficiency, accuracy and specificity.
**NOTABLE FEATURES**

**SOFTWARE**
- QuickReport™
- CadCapture™
- Auto Findings Composer
- EMG to AVI Export
- DataLAB™
- Anatomy View™
- ASCII Output Utility
- Internal Calibration Signals
- CadLink™ Information Management
- CadLink™ HL7 EMR Interface

**HARDWARE**
- Dual High-Power Speakers with Equalizer
- StimTroller PLUS™ full function remote and stimulator
- 1-12 Channel Amplifier Options
- USB Footswitch
- Hardware Diagnostics Suite
- Electrode Continuity Check
- Advanced Stim/Trigger
- Dual Stimulators*
- Trigger In x 4, Trigger Out x 4

**TEST PROTOCOLS**

**NERVE CONDUCTION STUDIES**
- Motor Studies
- Sensory Studies
- Inching
- F-Wave
- H-Reflex
- Mixed Studies
- Repetitive Nerve Stimulation
- Blink Reflex (Electric and Manual Stim)
- Silent Period
- Triple Stimulation
- LLR
- Near-Nerve Studies
- MUNE - MPS/Incremental Collision Studies*

**ELECTROMYOGRAPHY**
- Routine EMG
- Triggered EMG
- Multi MUP Analysis
- Auto Multi MUP Analysis
- Turns v. Amplitude Analysis
- Interference Pattern Analysis
- SFEMG Stimulated/Volitional*
- Macro EMG*
- Multi-Channel EMG
- Guided Injection Protocols

**AUTONOMIC STUDIES**
- Heart Rate Variability (R-R Interval)
- Valsalva, Deep Breathing, 30:15
- Sympathetic/Galvanic Skin Response

**EVOKED POTENTIALS**
- SEPs
- Dermatomal SEPs
- BAER*
- MLR*
- LLR*
- VEMPs*
- ECoG*
- P300*
- VEP*
- ERG*

*Optional upgrade

**BASE UNIT**
- Dedicated keypad and knob controls
- Integrated stimulators
- Trigger in/out for peripheral equipment
- Dual high-powered speakers with software equalizer

**AMPLIFIERS**
- Excellent signal quality
- Temperature measurement
- Electrode cable continuity checking
- Fast artifact recovery
- Internal analog-to-digital conversion

**STIMTROLLER PLUS™**
- Hand-held control to store traces, adjust intensity, deliver single or multiple stimulations, reverse polarity
- Adjust angle on probes or replace with standard bar or ring electrodes
- Program three buttons: run and stop EMG acquisition, distance entries, adjust EMG gain control, store EMG snapshots, move back and forth in the EMG buffer, playback EMG buffer, test selections, and volume

**HARDWARE OPTIONS**
- Programmable USB Footswitch
- Second electrical stimulator
- Skin temperature probe
- Reflex hammer
- LED goggles
- Ring/Bar Switchbox
- AEP Stimulator
- VEP Monitor
- Stackable jumper cables
- Trigger In/Out cable (3.5mm stereo to 2x RCA)

**CONFIGURATIONS**
- Point of Care Cart: Can accommodate laptop PC, printer and UPS. Includes two arm mount brackets, shelf and bin. Options: flexible and articulating arms, extra arm brackets, pullout keyboard shelf, mouse pad holder, foot switch holder, accessories bag and bins.
- T2 Cart: Can accommodate desktop PC, one or two monitors, printer and UPS. Includes two arm brackets, drawer and keyboard shelf. Options: flexible and articulating arms, extra arm brackets, cable holder, accessories bag, camera mount, camera and infrared illuminator.
- Portable system with carry case or wheeled case.

www.cadwell.support