CADWELL®
Helping you help others

SIERRA 4
EMG | NCS | EP | NMUS

ELECTRODIAGNOSTIC
SOLUTIONS GUIDE EMG•NCS•EP•NMUS

MADE IN THE USA *

This guide is designed to give you a comprehensive understanding of the hardware, software, supplies, accessories, and electrodes that Cadwell offers to support EMG, NCS, EP, and NMUS studies.

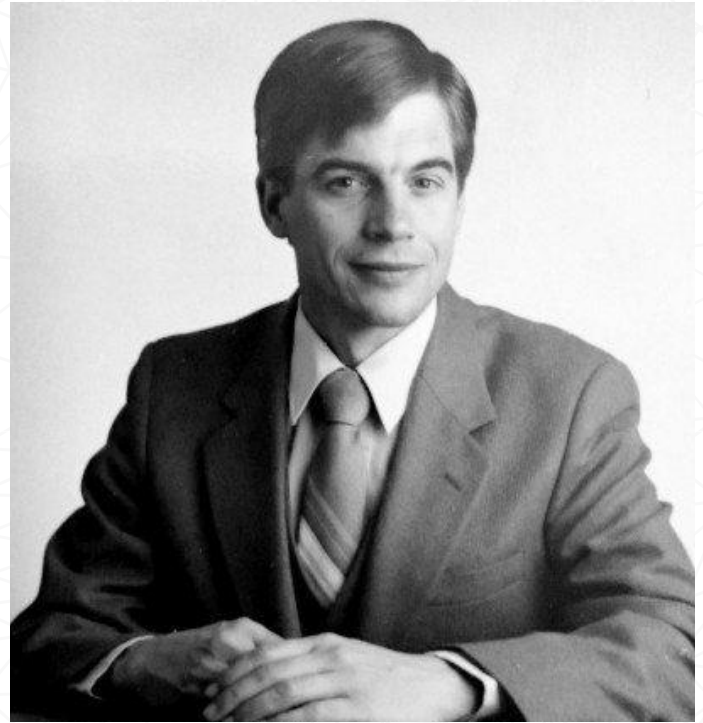## CADWELL IS ADVANCING THE FIELD OF ELECTRODIAGNOSTICS MEDICINE

Cadwell Industries, Inc. began its journey as a company in 1979 with the invention of the world's first microprocessor-controlled EMG, the Cadwell 7000. Cadwell is still family-owned and is wholly focused on neurophysiology. We stay true to our mission of helping you help others, by continuing to provide excellent diagnostic and monitoring systems, market-leading support, and secure data management.

In the last forty years, Cadwell has developed more than a dozen electrodiagnostic systems. Introduced in 2013, the Sierra Summit is one of our most dynamic pieces of neurophysiological diagnostic equipment, and its capabilities and features continue to evolve in response to new technology and new clinical practices. In 2018, Cadwell became the first, and remains the only, company to offer a fully integrated ultrasound solution for concurrent electrodiagnostic procedures.

Today, Cadwell is working in tandem with some of the world's leading physicians and teaching hospitals and leading the charge in neurodiagnostic technology capabilities in EMG, nerve conduction, evoked potentials, neurodiagnostic ultrasound, and chemodenervation.

CONTENTS

A HISTORY OF CADWELL

The legacy that John and Carl Cadwell began in 1979 remains entirely focused on providing innovative and easy-to-use neurodiagnostic, neuromonitoring, and sleep diagnostic solutions.

We value customer input, innovation, product quality, intuitive usability, and outstanding user support to set new standards with our neurology solutions for:

- EEG brain monitoring
- EMG, EP, NCS and Ultrasound
- IONM surgical monitoring
- PSG and HSAT sleep diagnostics
- Data management
- Neuro consumables

We are committed to creating cutting-edge neurology technology and providing market-leading customer support. Cadwell is staying true to its mission: helping you help others.

OUR ELECTRODIAGNOSTICS REFLECTS DECADES OF INNOVATION

In the last forty years, Cadwell has developed and supported the 7000, the 7200, the 5200, the 7400, the 5200A (which became the best-selling EMG machine ever made), the CTS5000, the Quantum 84, the MES10, the Excel, the Sierra line, the 6200A, and the Excel Plus.

The Sierra Summit, released in 2013, is one of our most dynamic pieces of neurophysiology diagnostic equipment, as its capabilities and features evolve in response to new technology and accommodate new clinical practice. In 2018, Cadwell became the first, and remains the only, company to offer a fully integrated ultrasound solution for concurrent electrodiagnostic procedures.

Today, Cadwell is working in tandem with some of the world's leading physicians and teaching hospitals and leading the charge in neurodiagnostic technology capabilities.

WORLD-CLASS CUSTOMER CARE

The customer care Cadwell provides is unmatched in the neuro world. Our CadCare® Customer Support Programs give you additional options including extended service plans, and the CadLink® Software Support and Maintenance Program. With the purchase of each Neurodiagnostic or Intraoperative Monitoring system from Cadwell, you acquire:

- A lifetime CadCare Membership
- Limited Factory Warranty
- Limited Software Maintenance and Support

Increase your coverage on hardware with an Extended Service Package, which may include bundled discounts for support benefits, and multi-unit and multi-year discounts. Learn more at www.cadwell.com/cadcare.

FLEXIBLE INSTALLATION PLANS

For our electrodiagnostic solutions, you can choose from:

- On-site installation + training, 1 day (Part No. 8002300)
- On-site training, each additional day (Part No. 8002301)
- Computer configuration and setup (Part No. 8002001
- DIY: no installation or training (Part No. 9994024)

COMPLIMENTARY PREMIUM ONLINE SUPPORT

Cadwell's web-based Support site for USA-based customers provides easy access to:

- Downloadable Sierra® software updates and licensable feature upgrades
- User Guides and Frequently Asked Questions
- Video tutorials and recorded webinars, including:
  - Basic and advanced functions
  - Ultrasound demonstrations

Register at cadwell.support/register.

CADCARE CUSTOMER SUPPORT PROGRAMS

The customer care Cadwell provides is unmatched in the neuro world. Our CadCare® Customer Support Programs give you additional options including extended service plans and a CadLink Software Support and Maintenance Plan.

When a Cadwell system is purchased directly from Cadwell, that equipment is automatically enrolled in the CadCare Membership Program for as long as you own the equipment.

- **A lifetime CadCare Membership**
  Lifetime means the functional lifetime of the equipment, during which Cadwell is able to service, support and provide software updates for the piece of equipment; functionality may slowly diminish as software updates are no longer provided and parts become obsolete, at which time the functional lifetime of the equipment may cease.

- **Limited Factory Warranty**
  Limited Factory Warranty coverage is 12 months for new equipment or six months for refurbished equipment purchased from Cadwell.

- **Limited Software Maintenance and Support**
  Software Maintenance and Support is covered during the Limited Factory Warranty.

CadLink Software Support and Maintenance Plan is included during the limited factory warranty period. Increase your coverage on hardware with an Extended Service Package, which may include bundled discounts for support benefits, and multi-unit and multi-year discounts.

CADCARE MEMBERSHIP ELIGIBILITY

If your Cadwell equipment was purchased from a third-party seller, you must enroll that equipment in the CadCare Membership Program for $1,200 per system, per year of membership.

CADCARE HARDWARE OPTIONS

Increase your coverage on hardware with an Extended Service Package.

- Sierra Summit 1-2 Ch EMG Level 2 Extended Service Plan (Service Contract Part No. 8001422)
- Sierra Summit 1-2 Ch EMG Level 3 Extended Service Plan (Service Contract Part No. 8001423)
- Sierra Summit 1-2 Ch EMG Level 4 Extended Service Plan (Service Contract Part No. 8001424)

- Sierra Summit 3-12 Ch EMG Level 2 Extended Service Plan (Service Contract Part No. 8001432)
- Sierra Summit 3-12 Ch EMG Level 3 Extended Service Plan (Service Contract Part No. 8001433)
- Sierra Summit 3-12 Ch EMG Level 4 Extended Service Plan (Service Contract Part No. 8001434)

Legend: ✓ = included, $ = available as a purchasable option, x = not available, % = discount available

Limited Warranty	CadCare Membership	Benefits	Extended Service Plans 2	3	4
✓	✓	Live phone answering (M-F, 4:30 a.m. – 5 p.m. PT)	✓	✓	✓
✓	✓	Phone support for general software application and hardware troubleshooting questions (M-F, 6:30 a.m. – 5 p.m. PT)	✓	✓	✓
✓	✓	Software upgrades (for purchased licensed features)	✓	✓	✓
✓	$	Custom report creation	$	✓	✓
✓	✓	Maintenance with existing reports	✓	✓	✓
✓	$	Application training via webinar	✓	✓	✓
✓	$	Diagnostic Remote Web Support	✓	✓	✓
✓	$	Preventative Maintenance (scheduled PM & 7-day turn options)	✓	✓	✓
✓	$	Equipment loaners	✓	✓	✓
✓	$	Shipping and handling of repairs and loaners	$	✓	✓
✓	$	Cadwell parts and labor (basic extended warranty)	✓	✓	✓
$	$	Expedited equipment repair	$	✓	✓
$	$	Workstation setup and configuration beyond original equipment install	$	$	✓
✓	$	Non-Cadwell peripheral equipment coverage (e.g. PCs and printers purchased from Cadwell)	$	$	✓
x	x	One-time discount for computer replacement	x	x	30%
✓	$	CadLink Software Maintenance and Support Plan (discounts available). Service Contract Part No. 8001066	$	20%	30%

Learn more at www.cadwell.com/cadcare.

Customers are responsible for pulling all cables and installing any non cart-based cameras prior to the scheduled installation of the Cadwell system.

SIERRA SUMMIT

Sierra Summit® is a dynamic electrodiagnostic hardware and software system capable of EMG, NCS, VEP, AEP, MEP, SSEP, NMUS, and many other neurodiagnostic examinations. The Base Module is the hub for auxiliary evoked potentials, electrical stimulators, amplifiers, in and out triggers, the PC connection, and power. Its front panel keys and knobs are integrated into the Sierra® software platform, and their functions adapt to the different testing environments being utilized in the software.

Either the 1-2 channel, or the 3-12 channel amplifier connects to the base unit peripheral to the patient. The StimTroller Plus™ electrical stimulator provides a handheld recording and stimulating tool, so you can run a complete NCS from the palm of your hand.

Sierra Summit can be used with laptop or desktop computers, set up on a desk or cart, or stored in a carry case for mobile service providers.

SIERRA SUMMIT SOLUTION OVERVIEW

NEUROMUSCULAR ULTRASOUND

HL18-4 HOCKEY STICK PROBE

C5-2 CURVILINEAR PROBE

SIERRA NMUS1 ULTRASOUND W/ L14-4 LINEAR PROBE

EVOKED POTENTIALS (EP)

INSERT EARPHONES

HEADPHONES

BONE VIBRATOR KIT

VEP LED GOGGLES

VEP MONITOR W/ CALIBRATION SENSOR

FOOTSWITCH

AMPLIFIERS

3-12 CHANNEL AMPLIFIER

REMOTE INPUT HEADBOX

TEMPERATURE PROBE

1-2 CHANNEL AMPLIFIER

SIERRA SUMMIT BASE UNIT

E-STIM

STIMTROLLER PLUS STIMULATOR(S)

SECOND E-STIM

AMP/STIM SWITCH BOX

RING/BAR ELECTRODE SWITCH BOX

POWER STRIP OR ISOLATION TRANSFORMER

SOFT CARRYING CASE

SOFT CASE W/WHEELS & HANDLE

LAPTOP COMPUTER

EXTERNAL SPEAKER

DESKTOP COMPUTER

MONITOR

AMPLIFIER ARM KIT: 1-2 CH OR 3-12 CH

CART: FUZION CART OR EMG CART

SIERRA SUMMIT BASE UNIT

- Dual high-powered speakers with software equalizer
- Advanced Stim/Trigger
- Trigger In x 4, Trigger Out x 4 for peripheral equipment
- Dedicated keypad and machined aluminum knob controls are rated for 100k+ uses
- Integrated stimulators
- Compatible with the laptop, tower, or mini PC of your choice that meets minimum system requirements
- Knobs, buttons and function keys are integrated with the software to control programmable functions during tests, including starting a new trial, run/stop, pause, gain, sweep, pulse width, volume, polarity, store, delete, averaging, TabData, changing view, toggling live Auto MUP, reports and ultrasound

Back view of Sierra Summit Base Unit

SIERRA SUMMIT AMPLIFIERS

- 1-2 Channel and 3-12 Channel Amplifiers
- Electrode cable continuity checking
- Electrode connectors rated for 100k+ uses
- Montage switching
- RF immunity
- Very low noise
- Impedance
- Power switches
- Calibration signals
- Excellent signal quality
- Temperature measurement
- Fast artifact recovery
- Internal analog-to-digital conversion
- Industrial cables with locking aluminum connectors

2 Channel Amplifier   *3-12 Channel Amplifier*

SIERRA SUMMIT SYSTEMS

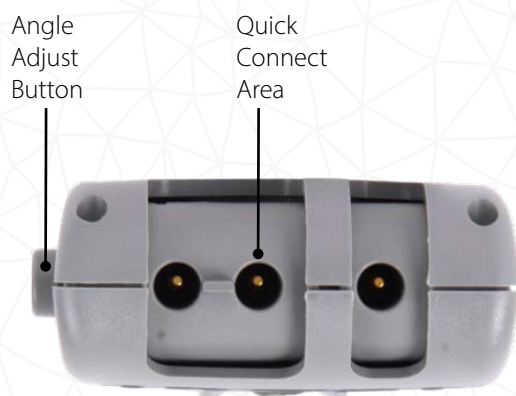| 9730102: 1-2 Channel Sierra Summit System	9730112: 3-12 Channel Sierra Summit System	Components	Part Number
✓		1-2 Channel Sierra Summit Amplifier	190276-200
	✓	3-12 Channel Sierra Summit Amplifier	190280-200
✓	✓	Sierra Summit Base Unit	190272-200
✓	✓	Sierra Summit Accessory Kit	197252-200
✓	✓	Sierra Software License	369043-201
✓	✓	Summit Advanced Stim/Trigger License	369043-456
✓	✓	4 Velcro Feet	342193-000
✓	✓	Sierra Summit User Guide	190272-639
✓	✓	Hospital Grade 5-15 to C13 Power Cord 1 m / 3 ft	286105-000
✓	✓	Hospital Grade AWG16 Power Cord 15 ft	286079-000
✓	✓	Amplifier Cable 3 m / 10 ft	199263-200-003
✓	✓	USB A-B 2 m / 6 ft Cable	286065-000
✓	✓	USB A-B 2 ft Cable	286088-000
✓	✓	NuPrep Gel 25 g / 1 oz	202181-000
✓	✓	Cadwell Disposable NCV Kits: 2-Disc + Ground, 1m, 24/pack	302297-000-039
✓	✓	Cadwell Electrode Catalog	319019-000
✓	✓	1-Year Warranty	829001-000

STIMTROLLER PLUS ELECTRICAL STIMULATOR

Handheld electrical stimulators with user-selectable output and removable stainless steel probes. Reinforced housing. Constant current. 0 - 100 mA output range. Includes one set of probes and a 90-day warranty from date of purchase. Purchase additional probes separately.

Perform an entire NCS from the palm of your hand. Control intensity, pulse width, distance, nerve selection, site selection, trace selection and more. Adjust the angle and distance between probes, or remove them to attach electrodes, needles, or other stimulators.

During EMG, control gain, sweep, run/stop, playback and volume exactly where you need them - right next to your needle.

Item	Product	Part No.
A	StimTroller Plus™	190274-200
	Dual Stim - UI with 2nd Wired Estim Handle and Internal Estim	600801-200
B	1 Straight Probe, large diameter, round head .250 in / 6.35 mm (order 2)	339073-200
C	1 Straight Probe, small diameter, round head .187 in / 4.75 mm (order 2)	339080-200
D	1 Straight Probe with Pointed Tip (order 2)	339078-200
E	1 Felt Pad Tip Probe (order 2)	339079-200
F	12 Felt Pad Replacement Tips	302703-200

Removable and Adjustable Stim Probes with Quick Connect Area

Polarity Reversal Button

Angle Adjust Button

Programmable Buttons (x3)

Stimulate

Intensity Adjust / Distance Wheel

Store Button

A

Angle Adjust Button

Quick Connect Area

StimTroller Plus, top view

B   C   D   E   F

Adapters clip to StimTroller Plus probe tips

QUICK CONNECT ADAPTERS

Connect ring or bar electrodes to electrical stimulators without removing probes from the stimulator. Two twisted sets, each 20.32 cm/8 in long.

Product	Part No.
2-pack StimTroller Quick Connect Adapters	302228-200

CADWELL TENDON HAMMER

Used for mechanical triggering in reflex studies. Attached 2.1 m/7 ft cable terminates in 3.5 mm stereo plug.

Product	Part No.
Cadwell Tendon Hammer	190282-200*

A

B

CADWELL STIM PROBE EXTENSION

Ideal for standard nerve conduction or Blink-reflex studies. Hand-held stimulus probe with two stainless steel probes adjustable to 25, 19, 13, or 6 mm spacing. Three black cathode and two red anode outputs to add bar or ring electrodes without removing probes. 81 cm/32 in cable terminates in two color-coded 1.5 mm safety touch-proof connectors.

Item	Product	Part No.
A	Stim Probe Extension Cable	302151-200
B	1 Straight, Small Diameter Probe 30 mm/1.15 in (order 2)	339084-200

Call for availability

EVOKED POTENTIALS

Our full suite of evoked potential tests can be modified to fit the needs of your practice. Multiple Trigger-in and Trigger-out ports are available to connect external devices and applications.

REMOTE INPUT BOX KIT

Extend your 3-12 channel amplifier inputs to the bedside with the Remote Input Box kit. Well suited for EP studies.

9730124 Remote Input Box Kit includes:	Part No.
Remote Input Box	190285-200
Remote Input Box Cable	362053-000
Reusable 12 Channel Remote Input Overlay	198264-000

SOMATOSENSORY EVOKED POTENTIAL (SSEP) PACKAGE

- SSEP Protocols: SEP, Dermatomal SEP, Interleave SEP, Trigger-in and Trigger-out
- Advanced post processing: Compare, add, average, grand average, smooth and invert trials
- Advanced stim and acquisition modes

9730099 SEP, EMG, NCS, RR Interval	Components	Part No.
✓	EMG, NCV, F/H, RNS, Blink Software License	369043-459
✓	SEP Software License	369043-460

AUDITORY EVOKED POTENTIAL (AEP) PACKAGES

- AEP Protocols: AEP, MLR, VEMP, ECochG, P300 with Headphone, Bone Transducer and Insert Earphones
- Condensation, Rarefaction, and Alternating Click, Tones, PIP 202 and PIP 212
- WAV, Trigger-In and Trigger-Out

9730105 AEP Software	9730106 AEP Software w/Headphones	9730107 AEP Software w/ Insert Earphones	9730108 AEP Software w/ Bone Vibrator Transducer	Components	Part No.
✓	✓	✓	✓	AEP Software License	369043-452
(✓)	(✓)	(✓)	(✓)	AEP Sierra Summit (option)	600802-200
	✓			Shielded Headphones, 10 Ohms	199312-200
	✓			Disposable Headphone Covers, box of 100	096001-000
		✓		Insert Earphones, ER-3C 10 Ohms	198235-000
		✓		ER-3C Cable	199295-200
		✓		ER-3C User Guide	198235-933
		✓		Hook-and-Loop Clips, 6/pk	202699-000
			✓	Bone Vibrator Kit	199276-200

VISUAL EVOKED POTENTIAL (VEP) PACKAGES

- VEP Protocols: Pattern VEP, Flash, ERG, Goggle, Trigger-in and Trigger-out
- Selectable Fields, Check Sizes, and Targets
- Use any LCD monitor with our Calibration Sensor

9730103 VEP Software Only	9730101 VEP Software w/ Goggles	9730104 VEP Software w/ 24 in Monitor	Components	Part No.
✓	✓	✓	VEP Software License	369043-451
✓		✓	VEP Monitor Sensor	190283-200
✓		✓	VEP Monitor Setup Guide	190283-933
✓		✓	USB A-B RA 10 ft cable	286096-000
	✓		Goggles	199277-200
	(✓)		AEP (option)	600802-200
		(✓)	24" Monitor (option)	291209-000
		✓	VEP Fastener	056039-000

SIERRA NMUS1 NEW!

Cadwell's Sierra NMUS1™ Ultrasound is an advanced imaging tool designed specifically for neuromuscular diagnostics, musculoskeletal examinations, and augmented needle guidance.

Provide your patients with unique technology to quantify and compare neuromuscular anatomy. Instantly transition from NCS or EMG testing to imaging. Utilize combined protocols with improved image quality, integrated measurements, and tissue quantification to increase diagnostic accuracy and reduce examination time. Combine all results into a single report to clearly communicate findings.

Sierra NMUS1 Ultrasound offers B-Mode, CFD-Mode, PW-Mode, M-Mode, and Q-Mode. Q-Mode is our cutting-edge proprietary technology that offers a dual stream of B-Mode and RF data that can be used for researching ultrasonic quantification of muscle and nerve tissue.

- B-Mode measurements: distance, area, circumference, volume and angle
- Q-Mode measurements: mean echo intensity (EI) and mean echo intensity compensated for signal attenuation (EIc)

SIERRA NMUS1 ULTRASOUND KIT

9730074 Sierra NMUS1 Ultrasound Kit includes:	Part No.
Sierra Ultrasound Software License	369043-461
Sierra NMUS1 Ultrasound Scanner	190315-000
Sierra NMUS1 Power Supply with Cord, 12 V, 90 W	229056-000
Sierra NMUS1 L14-4 Linear Probe	198287-200
Thunderbolt Cable, 0.5 m	286166-000
Truss Head Screw, M4x10 mm	010128-000
Tall Poron with Velcro Foot, .25 in	342193-000
Aquasonic Ultrasound Gel , 250 ml / 8.45 fl oz	202141-000

NMUS+

The Sierra NMUS1 Ultrasound device is completely integrated into Sierra software with the NMUS+ protocol, enabling high image quality, integrated workflow and results, and muscle quantification mode. This new ultrasound protocol requires upgrading to the new Sierra NMUS1 ultrasound scanner and probe(s), and also requires a computer with a Thunderbolt connection.

*C5-2
Curvilinear Probe*

*L14-4
Linear Probe*

*HL18-4
Hockey Stick
Probe*

Probe & Accessory Carry Case

ULTRASOUND PROBES

Probe	Frequency Range	Field of View	Part No.
HL18-4, Hockey Stick	4-18 MHz	25.6 mm	198289-200
L14-4, Linear	4-14 MHz	39.0 mm	198287-200
C5-2, Curvilinear	2-5 MHz	51.0 mm	198288-200

ACCESSORIES

Product	Part No.
Sierra Summit USB Footswitch (Recommended)	190286-200
2 m Thunderbolt Cable (when NMUS1 and PC are not adjacent)	286165-000
0.5 m Thunderbolt Cable	286166-000
Sterile Ultrasound Probe Covers 50/pack	096013-000
Transducer Probe C-Clamp Holder (for Fuzion Cart or counter)	334852-000
Probe & Accessory Carry Case	198246-000
"Ultrasound Evaluation of Peripheral Nerves and Focal Neuropathies: Correlation with Electrodiagnosis" book by Jeffrey A. Strakowski	324027-000
Sierra Summit User Guide (for standalone Sierra NMUS1 orders)	190272-639

WHAT DOES "INTEGRATED ULTRASOUND" MEAN?

Integrated EMG Cart
• The features and ergonomics of Cadwell's EMG Cart were designed to seamlessly combine EMG and Ultrasound into an integrated examination. The cart conveniently accommodates ultrasound probes and gel alongside EMG supplies and accessories.

Integrated EMG and Ultrasound controls directly from the Sierra Summit Base Unit
• Adjust image settings
• Record and review snapshots and videos
• Switch between B, M, Doppler and Comparisons modes
• Integrated Settings
• Pre-define structures in the Sierra Summit with specific image presets. Save time with labeling. Improve clarity of specific structures.

Integrated Workflow
• Switch between US and EMG or NCS with the push of a button. Include imaging sites in your NCS and EMG study lists.

Integrated Reports
• Include ultrasound images and measurements in your EMG report. Store everything in the same locations.

Concurrent Use
• Use ultrasound simultaneously with any NCS or EMG protocol.

Hear, see, and stimulate for more accurate injections and needle guidance.

Combine imaging with any nerve study and create a new and unique protocol.

CADWELL'S SIERRA SOFTWARE

Sierra® 4 is a modern and intuitive software with simplified setup and new diagnostic tools for EMG, nerve conduction, evoked potential, and neuromuscular ultrasound examinations.

The Sierra user interface is customizable, flexible, and rich with features designed to improve accuracy and reduce testing time. Color themes, workspaces (how trace windows are displayed), protocols, techniques and reference limits can be set up to each user's preferences. Tests can be edited or even created on the fly during a case. You can add, delete, or rearrange sites and segments; compare to normative values or see contralateral comparisons; and sort results into a variety of tables.

Take advantage of Cadwell's free software updates to access new diagnostic tools and time-saving enhancements at cadwell.support.

NOTABLE SOFTWARE FEATURES

Integrated controls in Summit base unit, StimTroller Plus handheld stimulator, mouse, and footswitch can be programmed in the software to control the function of your preference.
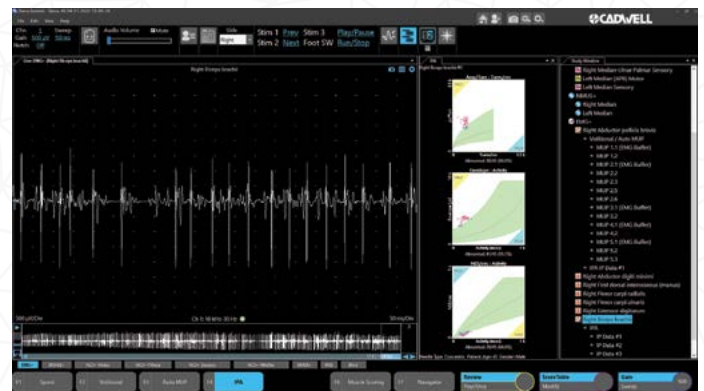
- QuickReport™
- CadCapture™
- Auto Findings Composer
- EMG to AVI Converter
- EMG Audio Export
- DataLAB™
- Anatomy View™
- ASCII Output Utility
- Internal Calibration Signals
- CadLink Information Management
- CadLink HL7 EMR Interface

SIERRA SOFTWARE

Product	Part No.
Sierra Summit 2 Channel Non-concurrent License (Does not support Blink Reflex, 2-ch NCS, or 2-ch EP)	369043-457-001
Sierra Summit 2 Channel License	369043-457-002
Sierra Summit 3 Channel License	369043-457-003
Sierra Summit 4 Channel License	369043-457-004
Sierra Summit 5 Channel License	369043-457-005
Sierra Summit 6 Channel License	369043-457-006
Sierra Summit 7 Channel License	369043-457-007
Sierra Summit 8 Channel License	369043-457-008
Sierra Summit 9 Channel License	369043-457-009
Sierra Summit 10 Channel License	369043-457-010
Sierra Summit 11 Channel License	369043-457-011
Sierra Summit 12 Channel License	369043-457-012

SIERRA SOFTWARE ADD-ONS

Product	Part No.
EMG, NCS, RR Interval, SEP (not needed for EP only systems)	9730099
EMG, NCS, RR Interval (not needed for EP only systems)	369043-459
Single Fiber EMG and Macro EMG	369043-453
MUNE-Incr, MUNE MPS, MUNIX+	369043-455
Med Phar Spell Check	295041-000

Sierra 4 EMG+ MUNIX Protocol

Sierra 4 EMG+ IPA Mode

Sierra 4 NCS

CADLINK DATA MANAGEMENT

Cadwell's CadLink® data management software is a secure, enterprise-level patient and database management system for EEG, EMG, and IONM. It has full patient bi-directional HL7 integration with the Enterprise EMR.

CadLink organizes, manages and secures your patient files and customized user settings. It is designed for easy setup and operation in either the private practice or large neurodiagnostic laboratory setting. CadLink supports multiple users; each with their own test settings and report templates. An optional auto archiving feature allows data to move to archive locations once the data meets user-configured parameters.

CADLINK

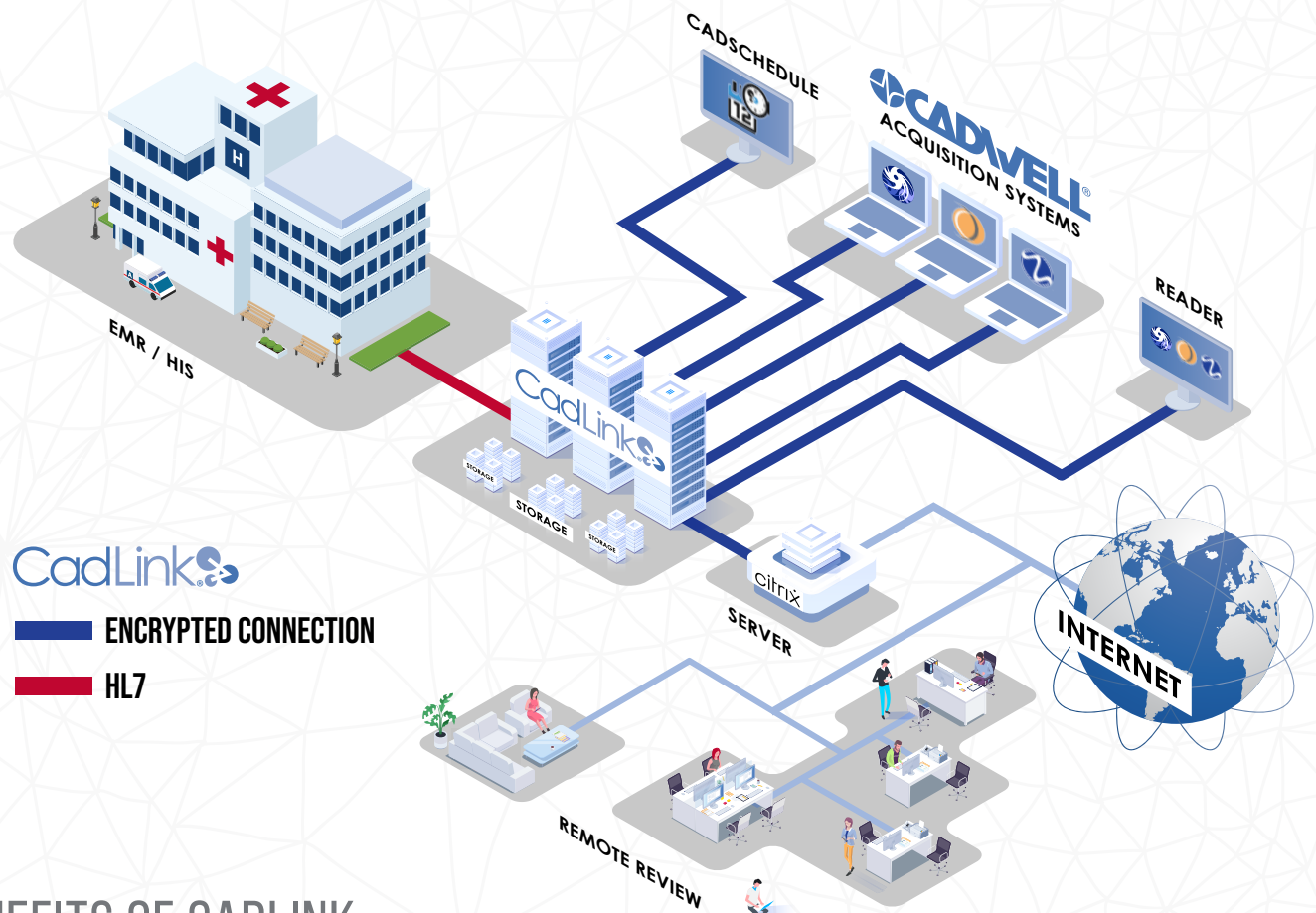| Single CadLink Clients	Part No.
CadLink Client Licenses = 1 CadLink Server Software + CadLink Server License + Installation Instructions	9730110
CadLink Client License with Auto Archive	369044-451
CadLink Scheduler	369044-454
Package CadLink Clients - For 10 or more CadLink Clients, order multiples of 10-packs	
10-pack CadLink Client Licenses with Auto Archive	369044-452

CADLINK LITE

Product	Part No.
CadLink Lite Server Software	9730111
CadLink Lite Client license (10 clients max)	369044-456
CadLink Lite Auto Archive	369044-452
CadLink Scheduler	369044-454
CadLink HL7 Lite	369044-453-LTE
Upgrade CadLink Lite to full CadLink	8002309
Upgrade CadLink HL7 Lite to full HL7	8002311

CADLINK HL7 INTEGRATION

Secure and efficient access to clinical information when and where you need it.

Product	Part No.
HL7 Inbound	369044-453-IN
HL7 Outbound	369044-453-OUT
HL7 Inbound/Outbound	369044-453
CadLink HL7 Test Environment Interface	9600805

CADLINK DATA MANAGEMENT SOFTWARE

CADSCHEDULE

ACQUISITION SYSTEMS

READER

EMR / HIS

CadLink

— **ENCRYPTED CONNECTION**

— **HL7**

citrix SERVER

INTERNET

REMOTE REVIEW

BENEFITS OF CADLINK

ENSURE FAIL-SAFE DATA STREAMING

- Safeguard against network connection failures by temporarily saving data locally and automatically streaming trace and video data from recording stations to the centralized storage on the CadLink Server.

EMPOWER COLLABORATIVE FUNCTIONALITY

- Access, review and re-montage patient data from anywhere on the CadLink network, and document user involvement for HIPAA compliance.

CENTRALLY MANAGE SETUP AND UPDATES

- Manage CadLink Clients and settings from the CadLink Server. Update Clients independently of Cadwell applications.

SECURE ALL DATA AND COMMUNICATION

- Encrypt the transfer and storage of patient data. Point-to-point communication ensures safe and efficient data transfer to the CadLink Server.

CHANGE USERS DURING A STUDY

- Switch users in an open study and create an audit trail of user involvement. This is ideal for long-term studies or a patient transfer between users.

CUSTOMIZE USER SETTINGS

- All users can access their view and color preferences, even during live review.

ENABLE REMOTE LIVE REVIEW

- Review multiple studies simultaneously from any CadLink client via a local network, Internet, VPN or Citrix Server. Remote reviewers can customize their own view settings.

ALL-IN-ONE 27 INCH DESKTOP PC

Requires no external monitor. Compatible with any single-monitor configuration.

27 IN FLAT PANEL WIDESCREEN MONITOR

For use with Laptop, SFF or Mini PC on single-monitor carts.

24 IN FLAT PANEL WIDESCREEN MONITOR

For use with Laptop or Desktop PCs as single monitor.
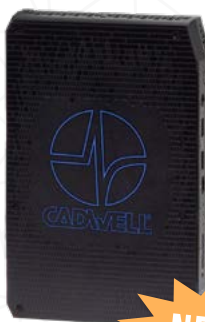

HIGH PERFORMANCE LAPTOP PC

Can be used with external monitor(s). Supports Sierra NMUS1 Ultrasound via Thunderbolt interface to the PC.

SMALL FORM FACTOR (SFF) PC

Use with single monitor.

NEW!

HIGH PERFORMANCE PC

Supports Sierra NMUS1 Ultrasound via Thunderbolt interface to the PC.

MINI PC

Supports EMG/NCS/EP in a single-monitor configuration (does not support Sierra NMUS1).

COMPUTER OPTIONS

Cadwell provides a variety of computers and monitors to choose from, and allows you to use existing PC infrastructure if it meets our system minimum specifications.

9602150 High Performance Laptop PC	9602146 Laptop PC	9602143 All-in-One PC	9602132 Small Form Factor PC	9602149 High Performance PC	9602117 Mini PC	Components	Part No.
✓						High Performance SSD Laptop with Windows 10	291270-000
	✓					Laptop with Windows 10	291261-000
		✓				All-in-One 27 in PC with Windows 10	291257-000
			✓			Small Form Factor PC, SSD with Windows 10	291249-000
				✓		High Performance PC with Windows 10	291273-000
					✓	Mini PC with Windows 10	291242-000
✓	✓	✓	✓	✓	✓	Microsoft Office Software	295036-000
✓	✓					USB C-A Adapter	286117-000
✓	✓					3-Prong Filtered Power Cords Kit	197288-200
		✓	✓	✓	✓	C14-C13 16 AWG Filtered Power Cord	286123-200
		✓	✓			Cadwell Nameplate SS PS Label	350182-002
				✓		Cable, Mini Display Port /Display Port 6 ft	286108-000
					✓	Cable, HDMI, 10 ft	286094-000
					✓	Cable, HDMI to VGA Converter, Male, 15 ft	286162-000
				✓	✓	Cordless Keyboard and Mouse	291214-000

EXISTING COMPUTER OPTIONS

To use Sierra Summit with your own existing computers, you may need to order the following accessories:

Product	Part No.
Summit Power Cord for Existing PC	286123-200
USB Cable for Laptop PC, 2 ft	286088-000
USB Cable for Desktop PC, 6 ft	286065-000
Velcro Feet (order 4)	342193-000
Sierra System Software, USB	369043-201

MONITOR OPTIONS & PRINTER

Product	Components	Part No.
27 in Monitor	1 Flat Panel Wide Screen 27 in Monitor	291272-000
	Cadwell Nameplate SS PS Label	350182-002
	HDMI Cable, 10 ft	286094-000
24 in Monitor	1 Flat Panel Wide Screen 24 in Monitor + 1 Display Port 6 ft Cable + 1 Cadwell Nameplate	9602009
	HDMI Cable, 10 ft	286094-000
	LaserJet Printer	291268-000

EMG CART

Our purpose-built EMG Cart is engineered for integrated neurodiagnostics and neuromuscular imaging.

EMG CART CONFIGURATIONS

Power supply options vary between isolation transformers and power strips, depending on the power requirements for your system.

9600113 Standalone Laptop	9600111 Laptop with Monitor + Printer	9600112 Small Form Factor (SFF) PC + Monitor	9600114 Mini PC + Monitor	9600115 Mini PC + Monitor + Printer	9600110 All-in-One (AIO) PC	Components	Part No.
-	✓	✓	✓	✓	✓	EMG Cart + Isolation Transformer	112002-200-TR
✓	-	-	-	-	-	EMG Cart	112002-200
✓	-	-	✓	-	-	Medical Grade Power Strip	291265-000
✓	✓	✓	✓	✓	✓	EMG Cart User Guide	112002-639
✓	✓	✓	✓	✓	✓	Monitor Riser Cable Clip	111241-000
-	✓	✓	-	✓	✓	Isolation Transformer Kit	197204-200
✓	✓	-	-	-	-	Arm Mount Bracket	113012-200
-	-	✓	✓	✓	✓	Worksurface Plastic Shelf	111222-000
-	-	✓	✓	✓	-	EMG Cart Divider Plate	111201-000
-	-	-	-	-	✓	Monitor Mount with Swing Arm	111226-200
-	-	-	✓	✓	-	Mini PC Hardware Kit for EMG Cart	197309-200
-	-	-	✓	-	-	Power Strip Bracket Kit for EMG Cart	197319-200

EMG CART ACCESSORIES

Description	Components	Part No.
The AIO PC requires a 27 in Monitor Mount Bracket on the EMG Cart. All other PCs can accommodate a 24 in or 27 monitor with the corresponding Monitor Mount Bracket.	27 in Monitor Mount Bracket	111226-200
	24 in Monitor Mount Bracket	111205-200
Amplifier Arms come with an amplifier holder, a stimulator holder, and a safe needle holder. An amp arm can be mounted on the Monitor Mount Swing Arm, or the Arm Mount Bracket when used with a laptop PC.	1-2 Channel Amplifier Arm	197247-200
	3-12 Channel Amplifier Arm	197251-200
All configurations can accommodate the following accessories, except as noted:	Footswitch Holder	111204-000
	Bottle Holder	113010-200
	Drawer (not with laptops)	113014-200
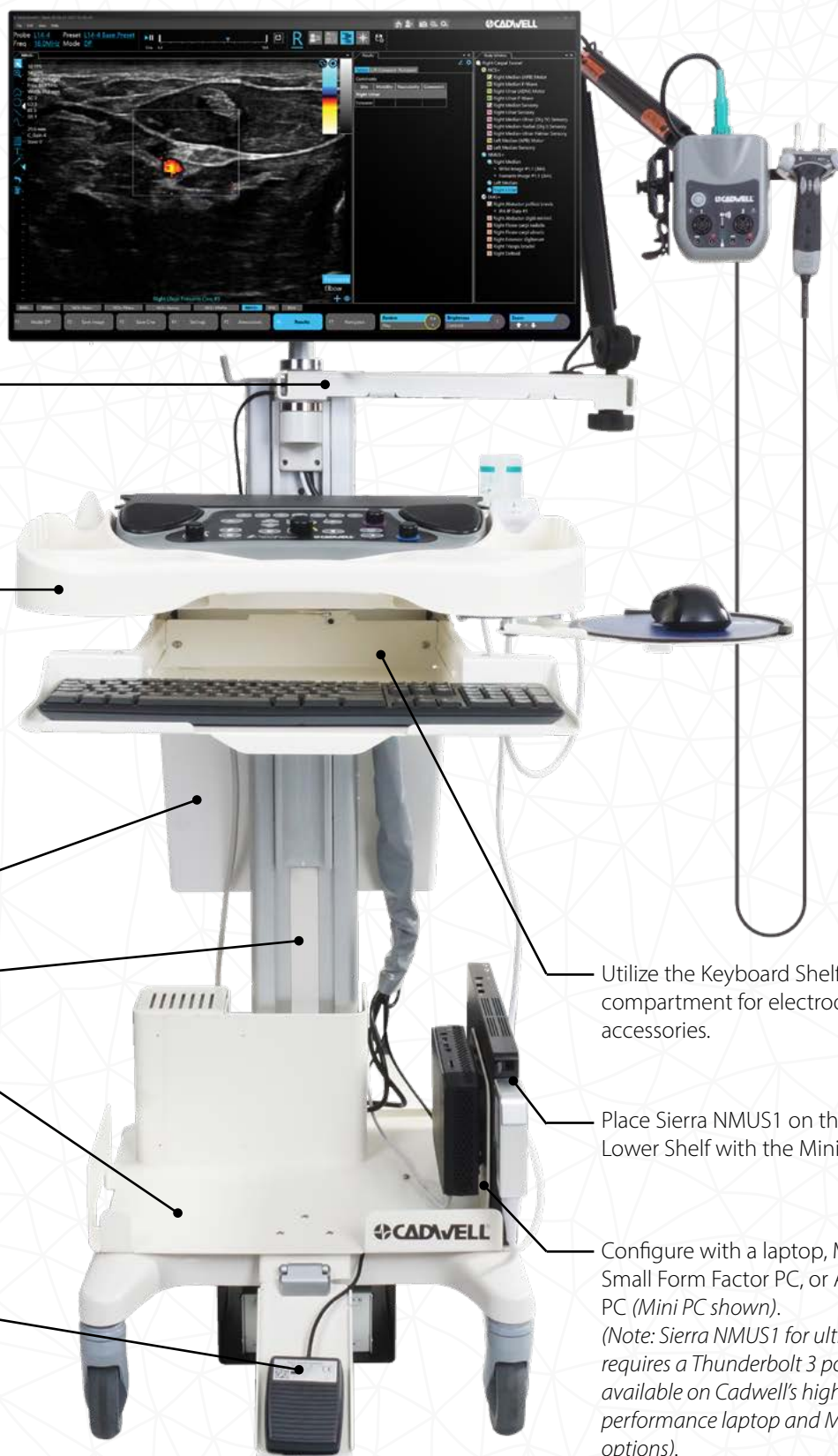
Add a Side-to-Side Amplifier Arm Mount to change exam side on the fly, or add a Fixed Arm Mount for use with a laptop.

The Work Surface holds the Sierra Summit base unit, and has ultrasound probe holders, cable hooks, gel cup-holders, and side pockets for supplies. Easily adjust the cart during a case with the ergonomic front handle.

Add an Accessory Bin onto the column.

Adjust height from sit to stand.

Add a Lower Shelf for PC, printer, sharps container, trash bin, power strip, or isolation transformer *(previous Cadwell isolation transformer is not compatible with the EMG Cart)*.

Use the Footswitch for custom functions, and fold up the bracket when not in use.

Utilize the Keyboard Shelf storage compartment for electrodes and accessories.

Place Sierra NMUS1 on the Lower Shelf with the Mini PC.

Configure with a laptop, Mini PC, Small Form Factor PC, or All-in-One PC *(Mini PC shown)*.
(Note: Sierra NMUS1 for ultrasound requires a Thunderbolt 3 port, available on Cadwell's high-performance laptop and Mini PC options).

FUZION CART

Our Fuzion Cart is streamlined for EMG/NCS/EP/NMUS. Configure a basic configuration Sierra Summit system on the height-adjustable Fuzion Cart with a laptop, or set up a full PC.
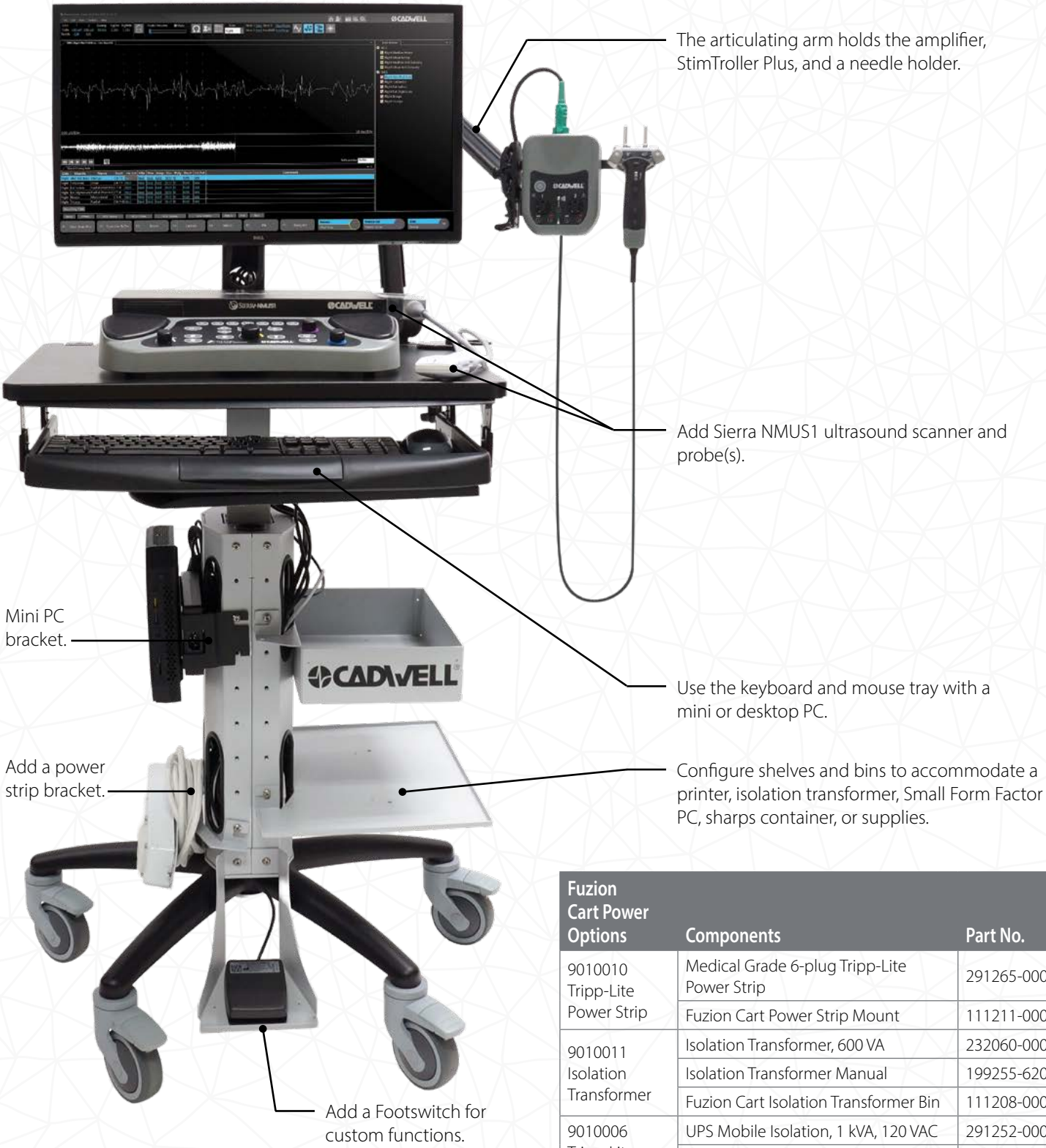
OPTIONS:

- Monitor mounts for an external monitor or All-in-One PC
- Articulating arm (shown)
- Retractable keyboard tray with mouse pad
- Ultrasound probe holders
- Bracket for a Mini PC
- Extra shelves and bins for Small Form Factor PC, isolation transformer, or printer
- Bracket for power strip (shown)
- Removable supplies bag
- Footswitch holder

Fuzion Cart SL with Sierra Summit and Laptop

FUZION CARTS CAN BE CONFIGURED INTO THE FOLLOWING KITS:

9607088 Fuzion Cart	9607085 Fuzion Cart for Laptop + Monitor	9607084 Fuzion Cart for SFF	9607084 Fuzion Cart for Mini PC	9607087 Fuzion Cart for All-in-One PC	Components	Part No.
✓					Fuzion Cart SL	111207-000-A
	✓	✓	✓	✓	Fuzion Cart EL	111223-000-A
✓	✓	✓	✓	✓	Fuzion Cart User Guide	112003-639
✓	✓	✓	✓	✓	Fuzion Cart Field Install Instructions	112003-934
✓	✓	✓	✓	✓	6 Velcro Sets	342193-000
✓	✓	✓	✓	✓	2 in 1 Screwdriver	056037-000
✓	✓	✓	✓	✓	Adjustable Wrench	020005-000
	✓	✓	✓	✓	Fuzion Cart Keyboard Tray	111214-000
	✓	✓	✓	✓	Fuzion Cart Monitor Mount	111216-000
	✓				Cordless Keyboard and Mouse	291214-000
		✓			Fuzion Cart PC Bracket	111217-000
			✓		Fuzion Cart Mini PC Bracket	197318-200

The articulating arm holds the amplifier, StimTroller Plus, and a needle holder.

Add Sierra NMUS1 ultrasound scanner and probe(s).

Mini PC bracket.

Use the keyboard and mouse tray with a mini or desktop PC.

Add a power strip bracket.

Configure shelves and bins to accommodate a printer, isolation transformer, Small Form Factor PC, sharps container, or supplies.

Add a Footswitch for custom functions.

Fuzion Cart with Sierra Summit, Mini PC, and Sierra NMUS1 Ultrasound

Fuzion Cart Power Options	Components	Part No.
9010010 Tripp-Lite Power Strip	Medical Grade 6-plug Tripp-Lite Power Strip	291265-000
	Fuzion Cart Power Strip Mount	111211-000
9010011 Isolation Transformer	Isolation Transformer, 600 VA	232060-000
	Isolation Transformer Manual	199255-620
	Fuzion Cart Isolation Transformer Bin	111208-000
9010006 Tripp-Lite Uninterrupted Power Supply	UPS Mobile Isolation, 1 kVA, 120 VAC	291252-000
	UPS Installation Instructions	291252-623

DIAGNOSTIC TEST FIXTURES

Hardware diagnostic test fixtures are included in the purchase of a Sierra Summit Technical Manual, and are used to help evaluate the integrity and functionality of Summit amplifiers, electrical stimulators, and the Base Unit keyboard controls.

AMPLIFIER DIAGNOSTIC TESTS

- Gain
- Low Cut Filter
- High Frequency Bandwidth
- On/Off
- Noise
- Patient Temperature
- Impedance
- Patient Auxiliary Current

ELECTRICAL STIMULATOR DIAGNOSTIC TESTS

- Button and wheel functionality
- Communication
- Power On/Off
- High Voltage Supply
- No Load Stimulation
- Internal Load Stimulation
- Clamps Enabled Stimulation
- External Load Stimulation

BASE UNIT KEYBOARD DIAGNOSTIC TESTS

- Buttons
- Knobs

A

B

C

D

E

F

Product	Part No.
6/12-Channel Text Fixture Kit = 1 Amplifier Test Array + Technical Manual + Cable + 1 Remote Input Box Text Fixture + 2 Reference Jumper Cables	9730123
2-Channel Test Fixture Kit = 1 Shorting/Low-Temp Fixture + 1 Impedance/High-Temp Fixture + 1 Cable + 2 Reference Jumper Cables	9730122

Item	Product	Part No.
A	3-12 channel Amplifier Test Array Test Fixture	199278-200
B	Remote Input Box Test Fixture, 3-12 channel Amplifier	199279-200
C	1-2 Channel Amplifier Shorting/Low-Temp Fixture	199273-200
D	1-2 Channel Amplifier Impedance/High-Temp Fixture	199274-200
E	Auditory Stim Output Fixture	199272-200
F	1 Temperature Circuit Test Cable	286097-000

SIERRA SUMMIT TEST FIXTURES & ACCESSORIES

SIERRA SUMMIT TECHNICAL MANUAL

Product	Part No.
Summit Technical Manual, CD	100850-621-200
Summit Technical Manual, USB drive	100850-621-201

GENELEC SPEAKER

An enhanced external speaker option for use with the Sierra Summit Device.

Product	Part No.
Genelec® Speaker	291240-000

Y-Cable, Dell

Y-Cable, Toshiba

FOOTSWITCH

Store waveforms or stimulate with the customizable functionality of the Cadwell Footswitch. Compatible with the Sierra Summit. Footswitch holder available on select carts.

Product	Part No.
EMG Footswitch	190286-200

POWER CORDS

Y-connection power cables for use with Dell and Toshiba laptops connecting to the Sierra Summit device.

Product	Part No.
Dell Y-Cable	197288-200
Toshiba Y-Cable	197289-200
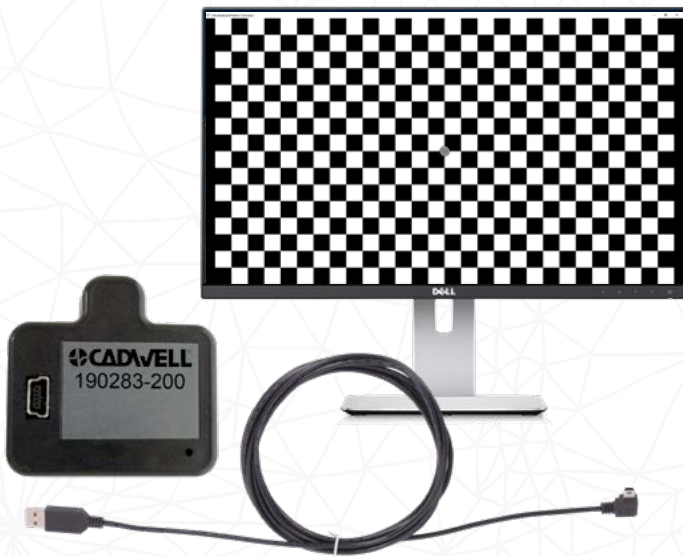
VEP PATTERN GENERATORS

Displays reversing black-and-white checkerboard pattern for full, half, and quarter-field testing. Fixation point and check sizes are controlled by Sierra software. Call Cadwell for cable configurations.

Product	Part No.
1 24-inch Dell Flat Panel Monitor	291209-000
1 VEP Calibration Sensor	190283-200
1 VEP Calibration Sensor Cable	286096-000

CADWELL LED GOGGLES

Select flash stimulus right, left or both eyes. Cable Length 10 ft (3m).

Product	Part No.
1 LED Goggles	199277-200

Call for availability

RADIOEAR HEADPHONES

TDH-39, 10-ohm speakers with adjustable headband, for use during AEPs.

Product	Part No.
1 RadioEar Headphones	199312-200
1 box of 100 Disposable Earpiece Covers	096001-000

BAEP INSERT EARPHONES

Used for auditory response. 10-ohm compatible speakers with 1-ms acoustic delay. Approximates TDH-39 and TDH-49 response at the eardrum. Recommended for ECochGs, BAEPs in infants, and intraoperative applications. Cables sold separately.

Product	Part No.
1 BAEP Insert Earphone Kit = ER-3C 10 ohms insert earphones + Velcro patient strap + 3 pairs color-coded tubing + 2 impedance adapters + 2 connectors + 2 Velcro clips + foam ear tips (10 pediatric + 50 adult + 4 jumbo)	198235-000
1 Insert Earphone Cable	199295-200
1 pair Replacement Tubing = clear + red/blue stripes	202698-000*

GOLD FOIL EAR TIPS AND TUBING WITH RECORDING LEAD WIRE

Order the gold foil ear tips together with the tubing.

Product	Part No.
1 pair Recording Lead Wire Tubing	202688-000
20 Pediatric Gold Foil Ear Tips	202695-000
20 Adult Gold Foil Ear Tips	202689-000

RIGHT ANGLE INSERT EARPHONE SUPPLIES

Threaded right angle adapters and threaded foam tips are a convenient and quick way to change out the foam ear tips. If using the replacement tubing (202698-000), first remove the existing straight adapter from the tubes and insert the right angle threaded adapter.

Product	Part No.
10 Right-Angle Threaded Adapters	202681-200*
12 Foam Ear Tips – slim 0	202682-000*
12 Foam Ear Tips – standard 0	202683-000*
1 pair Replacement Tubing = clear + red/blue stripes	202698-000*

A   B   C   D   E   F   G
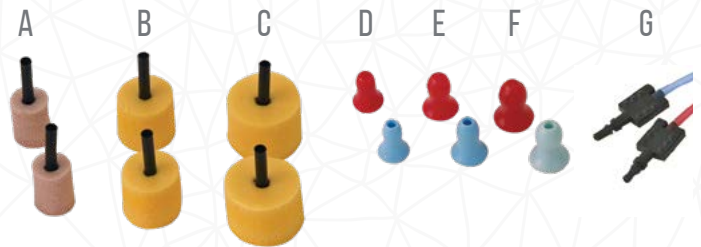
EAR TIPS AND IMPEDANCE ADAPTERS

Neonate and pediatric ear tips (mushrooms) are connected to the earphone tubing by impedance adapters (dominoes).

Item	Qty. / Size	Product	Part No.
A	50 pediatric	Foam Ear Tips	202692-000
B	50 adult		202710-000
C	24 jumbo		202693-000
D	20 4 mm /0.16 in	Neonate/ Pediatric Ear Tips	202742-200
E	20 5 mm/ 0.20 in		202743-200
F	20 6 mm /0.24 in		202744-200
G	5	Impedance Adapters	202690-000
	10	Connectors	202691-000

CADWELL AUDITORY BONE TRANSDUCER

Lemo-style 10 ohm Bone transducer for use with auditory EP testing.

Product	Part No.
Auditory Bone Transducer	199276-200

Call for availability

STIMULATION SWITCH BOXES

A

B

C

D

## RING/BAR ELECTRODE SWITCH BOX STIMULATOR KIT

Switch between stimulating with Bar and Ring electrodes without disconnecting either electrode from the Cadwell Sierra Summit.

Product		Part No.
1 Ring/Bar Electrode Switch Box Stimulator Kit = 1 each of A-D		9720123
A	1 Ring/Bar Electrode Switch Box	190292-200
B	1 Pair of Ring Electrodes, twisted, 48 in	302243-200
C	1 Concave Bar Electrode, 48 in	302247-200
D	1 Bar Electrode Handle	302146-200
Also order:		
	+ 1 Switch Box Holder, 2-channel	334829-000
	or 1 Switch Box Holder, 3-12 channel	334830-000

AMP/STIM SWITCH BOX

Eliminate the need to manually move the injection needle and reference electrode from the amplifier to the electrical stimulator. A two-position switch allows the injection needle and reference electrode to be routed to either the amplifier inputs or stimulator outputs. Switch box comes with two 24 inch twisted interconnect cables, Velcro patch and instructions.

Product	Part No.
1 Amp / Stim Switch Box Kit for Botox Injections = 1 Amp / Stim Switch Box + Instructions + 2 Interconnect Twisted Touchproof Cables + 1 Velcro Hook and Loop	9732022
1 Amp / Stim Switch Box	190266-200
1 Switch Box Holder, 2-channel	334829-000
1 Switch Box Holder, 3-12 channel	334830-000
1 USB A to USB B 24 in cable	286088-000
1 Summit Amplifier Cable	199263-200-003
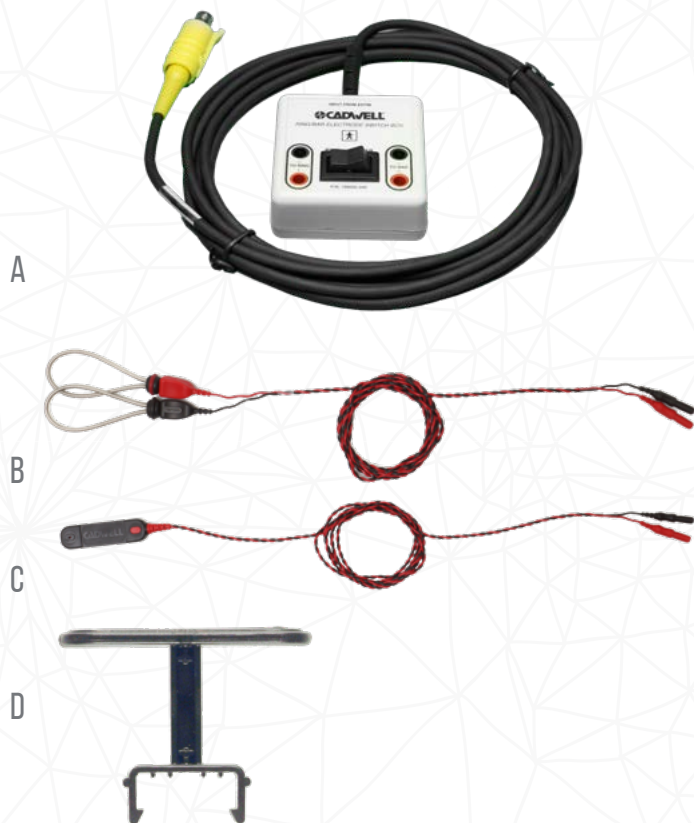
EXTENSION LEAD WIRES AND ADAPTERS

CADWELL EXTENSION LEAD WIRES

Increase the distance between your patient and the amplifier. Non-sterile. 1 each.

Product	Length		Part No.
1 red Extension Lead, short	1.22 m	48 in	302129-200
1 black Extension Lead, short	1.22 m	48 in	302130-200
1 green Extension Lead, short	1.22 m	48 in	302131-200
1 blue extension lead, long	1.83 m	72 in	302137-200

Gown Clip

CADWELL SHIELDED INTERCONNECT CABLE

A 5-pole DIN connector with 3-port, color-coded wide-body yoke provides an electrode line extension. A clip for attaching the cable to the patient's gown is also available. 1 each.

Product	Length		Part No.
Shielded Interconnect Cable, short	0.46 m	18 in	302176-200
Shielded Interconnect Cable, long	1.22 m	48 in	302192-200
Gown Clip for Interconnect Cable	-	-	302772-200

CADWELL DIN CABLE ADAPTER

Attach cables terminating in a 5-pin DIN round connector to the 1.5 mm/0.06 inch amplifier or stimulator probe jack (i.e. interfaces needle or pelvic floor electrode cables to Cadwell instruments). Stackable. 1 each.

Product	Part No.
1 Cadwell DIN Cable Adapter	302771-200

CADWELL TRIGGER CABLE

3.5 mm 6-foot stereo plug to 2x RCA. For use with Trigger Input and Output connectors.

Product	Part No.
Cadwell Trigger Cable	286093-000

CADWELL SIERRA SKIN TEMPERATURE PROBE

Includes a one-year warranty.

Product	Length		Part No.
Skin Temperature Probe, long	2 m	78 in	202600-000*
Skin Temperature Probe, short	1 m	39 in	202607-000

Call for availability

NEEDLE SAFETY

PROTECT YOUR PATIENTS AND YOURSELF FROM UNSAFE NEEDLESTICKS

All EDX physicians and staff should take precautions to prevent injuries caused by needle electrodes and other sharp instruments. In a survey of EDX physicians, 64% reported at least one needlestick injury, most commonly during a routine procedure, although patient movement and recapping were also identified as common causes.

Contaminated needle electrodes should not be bent, sheared, or broken. Recapping through the use of a mechanical device or a 1-handed technique is preferred over a 2-handed technique. As soon as possible after use, contaminated needle electrodes should be placed in appropriate containers until properly processed or discarded.

Set up the amplifier arm on the patient side of the cart, and the stimulator on the patient side of the amplifier. This ensures the needle holder is situated away from your patient.

CADWELL NEEDLE SHEATH HOLDER, CLAMP STYLE

Safely access needles during procedures. Hold one or two needle sheaths in four different configurations, and use the lead wire clip for cable management. Mounts next to the amplifier on either side (customers typically mount it away from the patient).

Product	Part No.
1 Needle Sheath Holder, 2 Channel	199301-200
1 Needle Sheath Holder, 12 Channel	199302-200

NEEDLESAFE II NEEDLE UNCAPPER/RECAPPER

This syringe holder enables single-handed uncapping and recapping of needles. Designed to be attached to a table surface within reach of your position. Bright orange color is easy to see. Can be sterilized if necessary.

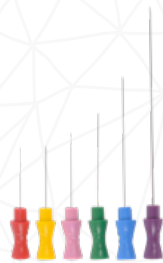| Product	Part No.
1 NeedleSafe™ Needle Uncapper/Recapper	202058-000

CADWELL DISPOSABLE CONCENTRIC NEEDLE ELECTRODES

These concentric needle electrodes have a machine sharpened tip and matching material properties of cannula and core for optimal EMG signal quality and excellent noise reduction. They have a recording area indicator mark. The needle electrodes are pre-sterilized by ETO gas, are lead-free, latex-free, and RoHS compliant. Single patient use only. 25/box. Use with:

CADWELL DETACHABLE CONCENTRIC NEEDLE CABLE

Easily connect disposable concentric needles to this flexible, reusable 1.25 m/ 4 ft cable with a 5-pole DIN connector.

Product	Length		Diameter		Recording Area	Color	Part No.
25 Cadwell Disposable Concentric Needle Electrodes	25 mm	1 in	0.3 mm	30G	0.031 mm^2	red	202456-000
			0.4 mm	27G	0.031 mm^2	yellow	202457-000*
	30 mm	1.2 in	0.3 mm	30G	0.031 mm^2	pink	202458-000*
	37 mm	1.5 in	0.45 mm	26G	0.085 mm^2	green	202459-000
	50 mm	2 in	0.45 mm	26G	0.085 mm^2	blue	202460-000*
	75 mm	3 in	0.6 mm	23G	0.085 mm^2	violet	202461-000*
+ 1 Cadwell Detachable Concentric Needle Cable	1.25 m	4 ft	-	-	-	white	202462-000
	2 m	6.5 ft	-	-	-	white	202463-000

AMBU NEUROLINE CONCENTRIC NEEDLES

Ergonomic, color-coded hub with an index mark. EO gas sterilized. For use with Ambu Neuroline detachable concentric cable. Single patient use only. 25/box. Use with:

AMBU DETACHABLE EMG CABLE

Shielded, reusable 1 m/40 in grey cable with 5-pole DIN connector for concentric needles. 1 each.

| Product	Length		Diameter		Recording Area	Color	Part No.
25 Ambu® Neuroline Concentric Needles	25 mm	1 in	0.3 mm	30G	0.02 mm^2	lt grey	202800-000
	25 mm	1 in	0.45 mm	26G	0.07 mm^2	dk grey	202801-000*
	30 mm	1.2 in	0.35 mm	28G	0.02 mm^2	purple	202802-000
	38 mm	1.5 in	0.45 mm	26G	0.07 mm^2	green	202803-000
	50 mm	2 in	0.45 mm	26G	0.07 mm^2	yellow	202804-000
	75 mm	3 in	0.65 mm	23G	0.07 mm^2	red	202805-000*
+ 1 Ambu Neuroline Detachable Concentric Needle Cable	1 m	40 in	-	-	-	grey	202806-000
1 Ambu Neuroline concentric needle sample kit = 1 light grey 25x0.3 mm needle + 1 purple 30x0.35 mm needle + 1 yellow 50x0.45 mm needle + 2 green 38x0.45 mm needles + 1 concentric cable + 1 3-disc disposable tab electrodes (32 in leads) + 3 disposable ground electrodes (1 m leads)							202807-000

Call for availability

MONOPOLAR NEEDLE ELECTRODES
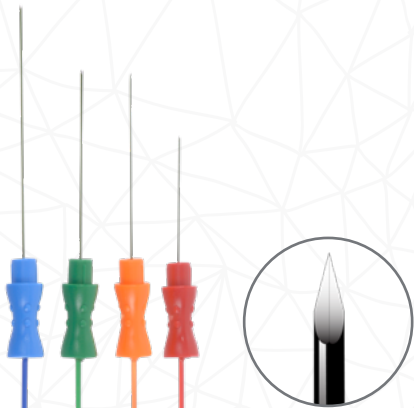
CADWELL DISPOSABLE MONOPOLAR NEEDLE ELECTRODES WITH ATTACHED LEADS

Approved for stimulation, these monopolar needle electrodes have a machine-sharpened Trocar tip and ultra-thin PTFE coating to ensure low friction at the insertion point and ease of use. These electrodes are pre-attached to a 30 in /0.77 m color-coded PVC lead wire with a safety DIN 42802 connector. Completely disposable. Lead-free, latex-free electrode and RoHS compliant. EO gas sterilized. Single patient use only. 25/box.

Length		Diameter		Color	Part No.
25 mm	1 in	0.35 mm	28G	red	202464-000
37 mm	1.5 in	0.35 mm	28G	orange	202466-000
37 mm	1.5 in	0.45 mm	26G	green	202467-000*
50 mm	2 in	0.45 mm	26G	blue	202468-000
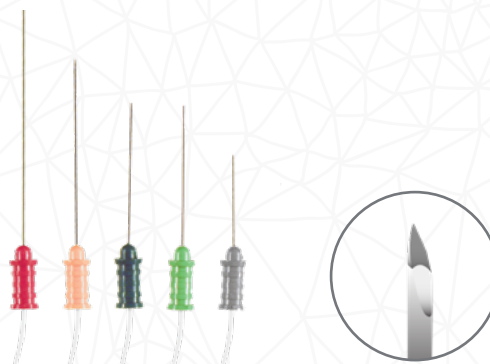
AMBU NEUROLINE DISPOSABLE MONOPOLAR NEEDLE ELECTRODES WITH ATTACHED LEADS

Attached, color-coded 76cm/30 in lead wires. Sharp, back bevel cut tip design ensures low insertion-resistance levels. Smooth coating reduces friction and improves patient comfort. EO gas sterilized. Single patient use only. 40/box.

Length		Diameter		Color	Part No.
25 mm	1 in	0.36 mm	28G	grey	202221-040
38 mm	1.5 in	0.36 mm	28G	light green	202223-040
		0.45 mm	26G	dark green	202224-040
50 mm	2 in	0.45 mm	26G	yellow	202225-040
75 mm	3 in	0.5 mm	25G	red	202226-040

CHALGREN DISPOSABLE MONOPOLAR NEEDLE ELECTRODES WITH ATTACHED LEADS

Disposable PTFE-coated stainless steel monopolar EMG needle electrodes have an attached 60cm/24 in super-flexible PVC insulated lead wire ending with a standard touch-proof connector. EO gas sterilized. Single patient use. 10/box.

Length		Diameter		Color	Part No.
125 mm	5.0 in	0.5 mm	24G	natural	202728-000*

Call for availability

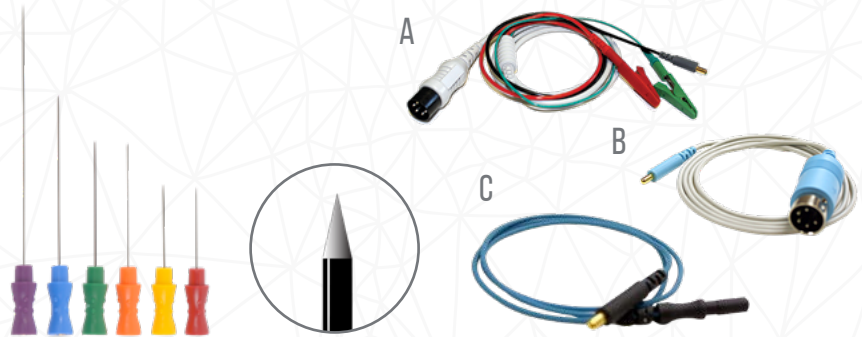## TECHNOMED DISPOSABLE MONOPOLAR NEEDLE ELECTRODES

Machine-sharpened conical tip and ultra-thin PTFE coating ensure low insertion friction. Gold-plated orientation-free coaxial connector. For use with Technomed Monopolar Detachable Lead Wires. Single patient use only. 25/box. Use with:

MONOPOLAR DETACHABLE CABLES

Detachable, reusable cables for use with Technomed disposable monopolar needle electrodes. 1 each.

Product	Length		Diameter		Color	Part No.
25 Technomed Disposable Monopolar Needle Electrodes	25 mm	1 in	0.35 mm	28G	red	202270-000
			0.45 mm	26G	yellow	202271-000*
	37 mm	1.5 in	0.35 mm	28G	orange	202272-000
			0.45 mm	26G	green	202273-000*
	50 mm	2 in	0.45 mm	26G	blue	202274-000
	75 mm	3 in	0.45 mm	26G	violet	202275-000*
+ A: 1 Cadwell Monopolar Shielded 5-Pole DIN Cable with Pin and Crocodile Clips	1.06 m	42 in	-	-	multi	302204-200
or + B: Technomed Monopolar Shielded 5-Pole DIN Cable	0.99 m	39 in	-	-	grey	202277-000
or + C: Technomed Unshielded Safety DIN 420802	0.61 m	24 in	-	-	blue	202276-000

AMBU NEUROLINE DISPOSABLE MONOPOLAR NEEDLE ELECTRODES

Sharp, back bevel cut tip design ensures low insertion-resistance levels. Smooth coating reduces friction and improves patient comfort. EO gas sterilized. Single patient use only. 40/box. Use with Ambu Neuroline Detachable Lead Wire

AMBU NEUROLINE DETACHABLE LEAD WIRE

Detachable, reusable 76 cm/30 in white lead wire with 1.5 mm touch-proof connector and 1.0 mm needle socket.

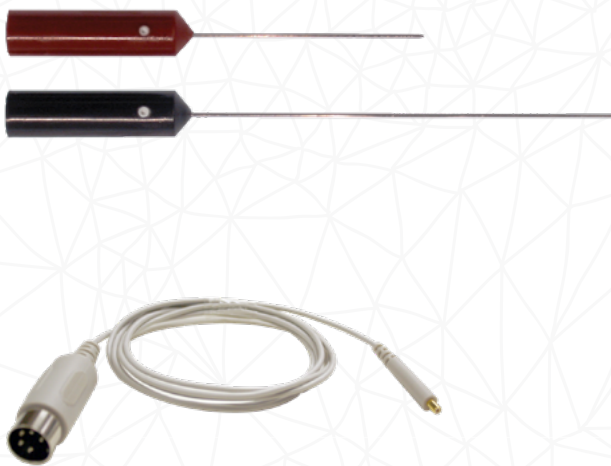| Product	Length		Diameter		Color	Part No.
40 Ambu Neuroline Disposable Monopolar Needle Electrodes	25 mm	1 in	0.35 mm	28G	grey	202238-040
	38 mm	1.5 in	0.35 mm	28G	light green	202240-040
			0.45 mm	26G	dark green	202241-040
	50 mm	2 in	0.45 mm	26G	yellow	202242-040
	75 mm	3 in	0.5 mm	25G	red	202243-040
+ 1 Ambu Neuroline Monopolar Detachable Lead Wire	76 cm	30 in	-	-	white	202244-000

Call for availability

37

SINGLE FIBER & SUBDERMAL NEEDLE ELECTRODES

TECHNOMED REUSABLE SINGLE FIBER NEEDLE ELECTRODES

A platinum-iridium recording surface is presented through a side port opposite to the cutting edge bevel, close to the needle tip. A white dot on the needle hub indicates the position of the recording portion of the electrode. Use with:

TECHNOMED DETACHABLE CABLE

The flexible, reusable 1.25 m/48 in grey cable with 5-pole DIN connector is used with disposable concentric and single fiber needles.

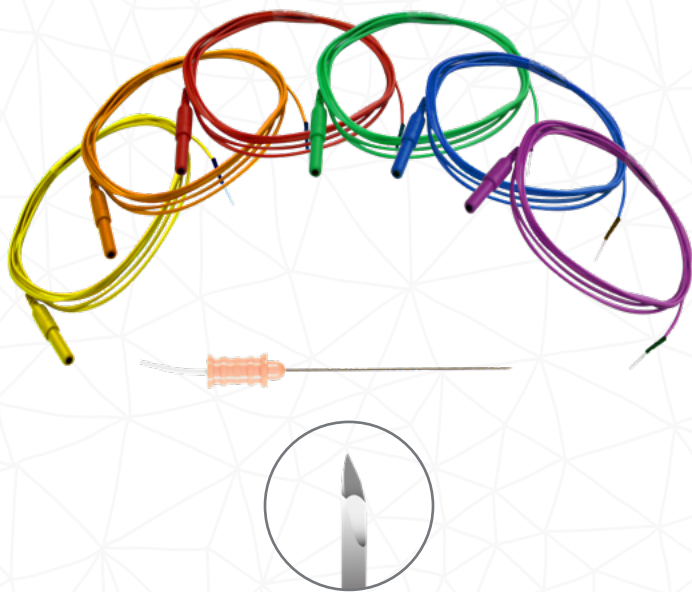| Product	Length		Diameter		Color	Part No.
1 Technomed reusable single fiber needle electrode	25 mm	1.0 in	0.4 mm	27G	brown	202860-000
	40 mm	1.5 in	0.45 mm	26G	black	202861-000
+ 1 Technomed detachable cable	1.25 m	48 in	-	-	grey	202845-000

VETERINARY ELECTRODE KIT

CADWELL DISPOSABLE SUBDERMAL NEEDLE ELECTRODES

Single subdermal needle with ultra-sharp tip for low penetration resistance. Four sets of six colors. EO gas sterilized. Single patient use only. 24 per box.

AMBU NEUROLINE DISPOSABLE MONOPOLAR NEEDLE ELECTRODES WITH ATTACHED LEADS

Attached, color-coded 76 cm/30 in lead wires. Sharp, back bevel cut tip design ensures low insertion-resistance levels. Smooth coating reduces friction and improves patient comfort. EO gas sterilized. Single patient use only. 40/box.

Product	Lead Length	Needle Length	Diameter	Part No.
Veterinary Electrode Kit = 2 of each Subdermal Needle Electrode Packs (below) + 1 Monopolar Needle Electrode Pack (below)				9720120
Subdermal Needle Electrodes 24-packs	1 m / 40 in	13 mm / 0.5 in	0.4 mm / 27 G	302353-000-040
Subdermal Needle Electrodes 24-packs	1.5 m / 60 in	13 mm / 0.5 in	0.4 mm / 27 G	302353-000-060
Monopolar Needle Electrodes 40-pack	76 cm / 30 in	50 mm / 2 in	0.45 mm / 26 G	202225-040

INJECTABLE NEEDLE ELECTRODES

CADWELL DISPOSABLE INJECTABLE EMG NEEDLE ELECTRODES WITH 0.75 M/29 IN ATTACHED LEADS

Stimulate and record with these disposable concentric hypodermic needle electrodes. Designed for simultaneous Botox (or other medicine) injection and EMG recording or electrical stimulation. The medical-grade steel tip is sharpened to a facet bevel, and it can withstand multiple insertions on a single patient without degradation. This comes pre-attached to a 29 in /0.75 m wire with DIN 42802 connector. Fits slip-tip and Luer lock syringe connections. Leak-free and minimum residual volume of medication. Latex-free. RoHS compliant. Single patient use only. 10/box.

Length		Diameter		Color	Part No.
25 mm	1 in	0.3 mm	30G	red	202450-000*
37 mm	1.5 in	0.4 mm	27G	orange	202452-000*
37 mm	1.5 in	0.45 mm	26G	green	202453-000*
50 mm	2 in	0.5 mm	25G	blue	202454-000*
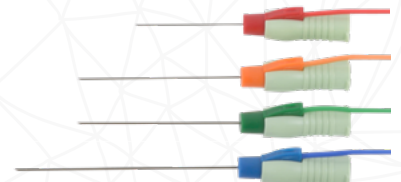
CHALGREN DISPOSABLE INJECTABLE NEEDLE ELECTRODES

Disposable PTFE coated stainless steel injectable monopolar needle electrodes combine EMG with drug therapy injections and have an attached 60cm/24 in lead wire made of super-flexible PVC insulated wire ending with a standard touch-proof connector. EO gas sterilized. Single patient use only. 10/box.

Length		Diameter		Color	Part No.
25 mm	1 in	0.3 mm	30G	blue	202721-000*
37 mm	1.5 in	0.46 mm	26G	pink	202723-000*
50 mm	2 in	0.46 mm	25G	white	202724-000*
75 mm	3 in	0.64 mm	23G	grey	202725-000*
100 mm	4 in	0.64 mm	23G	natural	202726-000*
125 mm	5 in	0.64 mm	23G	natural	202727-000*

AMBU NEUROLINE INOJECT DISPOSABLE INJECTABLE NEEDLE ELECTRODES WITH ATTACHED LEADS

Pre-attached 70 cm/27.5 in lead wire with touch-proof connectors and stainless steel needles with smooth coating and a back-cut beveled tip to reduce friction at insertion point. Luer-lock fitting provides a secure syringe connection. EO gas sterilized. Single patient use only. 10/box.

| Length		Diameter		Color	Part No.
25 mm	1 in	0.3 mm	30G	grey	202810-000
30 mm	1.2 in	0.35 mm	28G	purple	202811-000
35 mm	1.4 in	0.4 mm	27G	blue	202812-000
38 mm	1.5 in	0.45 mm	26G	green	202813-000
50 mm	2 in	0.5 mm	25G	yellow	202814-000
75 mm	3 in	0.55 mm	24G	red	202815-000*

*Call for availability

REUSABLE SURFACE ELECTRODES

CADWELL BAR ELECTRODES

Bar and shielded bar electrodes with solid, machined contacts (spaced 30 mm center-to-center) can endure repeated cleaning. Polarity indicators are molded into the body. Snap-on bar electrode handle fits our bar electrode styles. Electrodes sold individually, reusable. Felt pads 12/pack, single patient use only.
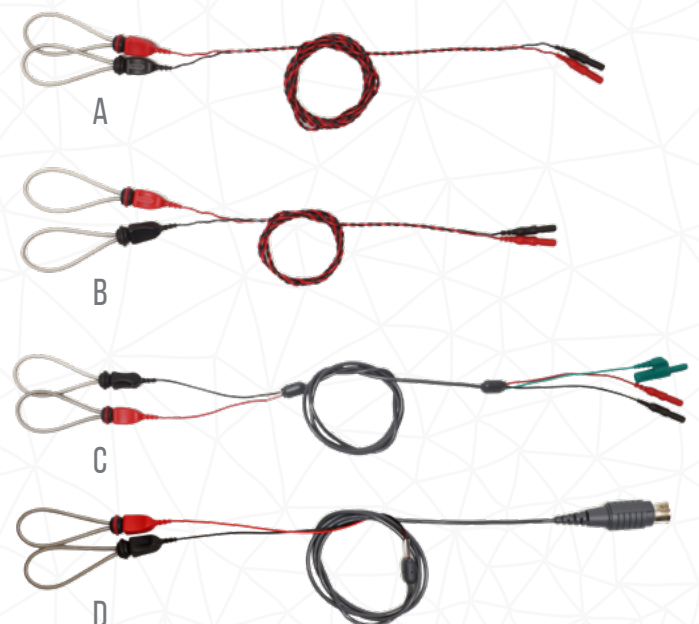
	Product	Length		Part No.
A	1 Concave Bar, Twisted Touchproof, long	1.22 m	48 in	302247-200
B	1 Concave Bar, Twisted Touchproof, short	0.61 m	24 in	302147-200
C	1 Bar, Shielded Tri-lead	1.02 m	40 in	302085-200*
D	1 Bar, Shielded 5-pole DIN	1.02 m	40 in	302786-200
E	1 Felt Pad Bar	0.61 m	24 in	302089-200*
F	Replacement Felt Pads 12/pk	-	-	302703-200
G	1 Bar Electrode Handle	-	-	302146-200*
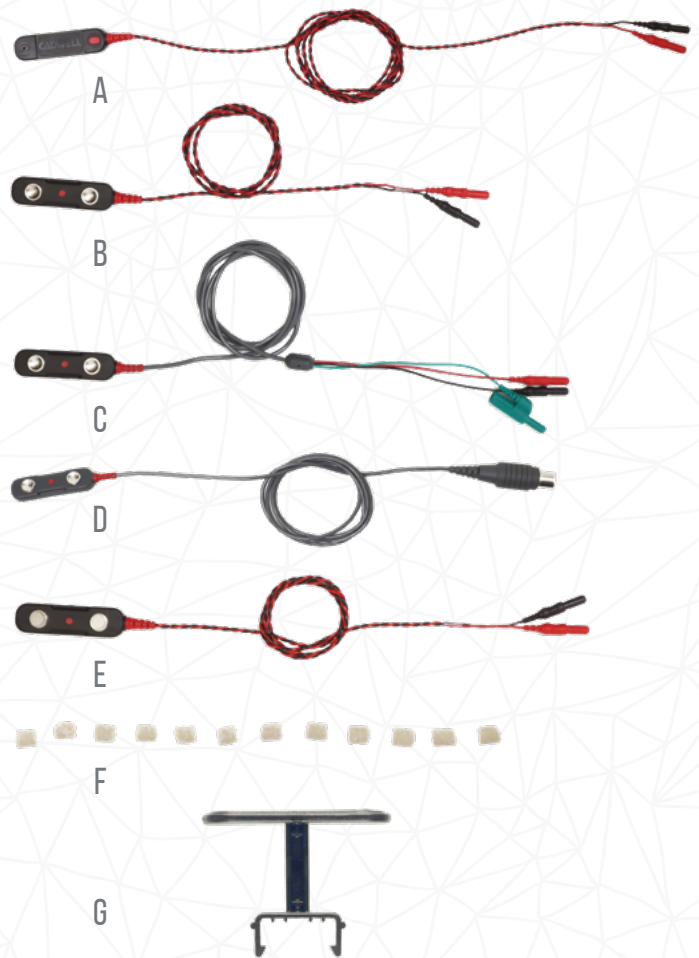
CADWELL RING ELECTRODES

Stainless steel ring electrodes have a molded grip for convenient handling, an adjustable slider that moves smoothly and locks firmly in one motion and ultra-flexible lead wires with bend-relief protection at both connector ends. Ring electrode are available with touch-proof connectors. Shielded ring electrodes are available with 5-pole DIN connectors and Tri-lead connectors.

	Product	Length		Part No.
A	1 Ring, Twisted Touchproof, long	1.22 m	48 in	302243-200
B	1 Ring, Twisted Touchproof, short	0.61 m	24 in	302143-200
C	1 Ring, Shielded Tri-Lead	1.02 m	40 in	302172-200*
D	1 Ring, Shielded 5-Pole DIN	1.02 m	40 in	302788-200

Call for availability

A

B

C

D

CADWELL SINGLE DISC ELECTRODES

Stainless steel, custom-molded 10 mm/0.4 in discs offer consistently excellent signal quality. Secure taped electrode connections with the locator pin.

Product	Length		Color	Part No.
1 Single Disc, short	0.61 m	24 in	black	302135-200
			red	302136-200
1 Single Disc, long	1.22 m	48 in	black	302196-200
			red	302197-200

CADWELL PAIRED DISC ELECTRODES

Paired disc electrodes combine both active and reference discs for faster test setup. Custom-molded 10 mm/0.4 in stainless steel contacts have a locator pin on the back. 1 each. Available with twisted pair lead wires, and shielded paired disc electrodes with touch-proof Tri-lead and DIN connectors.

	Product	Length		Part No.
A	1 Paired Disc, Twisted Touchproof	0.61 m	24 in	302139-200
B	1 Paired Disc, Shielded Tri-Lead	1.02 m	40 in	302087-200*
C	1 Paired Disc, Shielded 5-Pole DIN	1.02 m	40 in	302787-200
D	1 Single Disc Pair, short	0.61 m	24 in	302694-200

CADWELL ROUND MOLDED GROUND PLATE ELECTRODES

Constructed of solid stainless steel, our custom-molded 30 mm/1.18 in diameter ground electrode has a flat contact surface and provides long-lasting performance. Can be used with tape. Green lead wire with bend-relief protection for added durability.

Product	Length		Part No.
1 Ground Plate Electrode, short	0.61 m	24 in	302150-200
1 Ground Plate Electrode, long	1.22 m	48 in	302189-200

Call for availability

DISPOSABLE SURFACE ELECTRODES

DISPOSABLE SURFACE ELECTRODES

Disposable, silver/silver chloride electrodes with improved hydrogel are single patient use only, and for use with mini-crocodile clip lead wires.

CADWELL DISPOSABLE PATIENT PAKS

Patient Paks give you the number of disposable electrodes you need to complete most single-patient studies in a convenient package. Each Pak contains eight disposable, silver/silver chloride electrodes. 25 Paks per box.

Product	Part No.
25 Disposable Patient Paks. Each Pak = 2 ring electrodes + 4 bar (or 8 tab) electrodes + 2 ground electrodes	302120-000

CADWELL DISPOSABLE RING ELECTRODES

Wrap-around ring electrodes fit pediatric to adult patients. Each 100-count package contains 10 individually sealed sets of 10 rings.

Product	Size		Part No.
100 Disposable Ring Electrodes	10x0.6 cm	4x0.25 in	302286-000

CADWELL DISPOSABLE BAR ELECTRODES

Contacts spaced 30 mm center-to-center, and bars are perforated for easy separation into two individual tabs. Each 100-count package contains 25 individually sealed sets of 4 bars.

Product	Size		Part No.
100 Disposable Bar Electrodes	4x1.5 cm	1.6x0.5 in	302287-000

CADWELL DISPOSABLE GROUND ELECTRODES

Large surface area for superb patient grounding. Each 100-count package contains 50 individually sealed sets of 2 grounds.

Product	Size		Part No.
100 Disposable Grnd Electrodes	4.5x3.1cm	1.75x1.25 in	302288-000

CADWELL DISPOSABLE TAB ELECTRODES

Available in small and large sizes, noise is not a factor with these easy-to-place, disposable tabs. Each 100-count package contains 10 individually sealed sets of 10 tabs.

| Product	Size		Part No.
100 Sm Disposable Tab Electrodes	1.5x1.5 cm	0.5x0.5 in	302285-000
100 Lg Disposable Tab Electrodes	2.2x2.5 cm	0.875x1 in	302217-000

NUTAB DISPOSABLE TAB ELECTRODES

NuTab™ disposable tab electrodes use a patented conductive adhesive hydrogel which allows for excellent adhesion. Substrate is clear and product footprint has rounded corners. Single patient use only. 100/pack.

| Product	Size		Part No.
100 NuTab Disposable Tab Electrodes	2.54x1.9 cm	1x0.78 in	202373-000
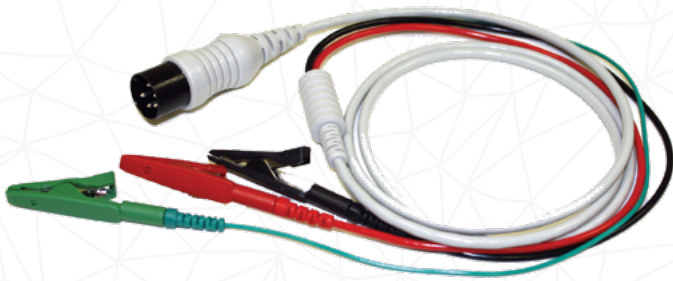
CADWELL SHIELDED CROCODILE CLIP CABLE

Lightweight, shielded cable with strong crocodile clips for use with any disposable surface electrode. Entire cable is shielded to reduce noise interference. 5-pole DIN connector to terminus is 76 cm/30 in. Active and reference lead wires are 30 cm/12 in and ground lead wire is 35 cm/14 in.

Product	Length		Part No.
1 Shielded Crocodile Clip Cable	76 cm	30 in	202203-200
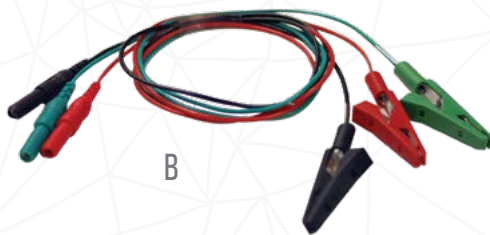
CADWELL MINI-CROCODILE CLIP TOUCHPROOF LEAD WIRES

Use with disposable surface electrodes. Twisted lead wires available for reduced noise. Non-sterile, reusable.

Product		Quantity and Color	Length		Part No.
Mini-Crocodile Lead Wire, short		1 red	0.46 m	18 in	302123-200
		1 black			302125-200
	A	1 green			302127-200
	B	Pack = 1 red + 1 green + 1 black			302225-200
Mini-Crocodile Lead Wire, medium		1 red	0.76 m	30 in	302250-200
		1 black			302251-200
		1 green			302252-200
Mini-Crocodile Lead Wire, large		1 red	1.22 m	48 in	302124-200
		1 black			302126-200
		1 green			302128-200
		Pack = 1 red + 1 green + 1 black			302226-200
Twisted Pair	C	1 pair red/black	0.76 m	30 in	302160-200
Twisted Pair + Single		Pack = 1 red/black twisted pair + 1 green			302227-200

DISPOSABLE SURFACE ELECTRODES WITH LEADS

A

B
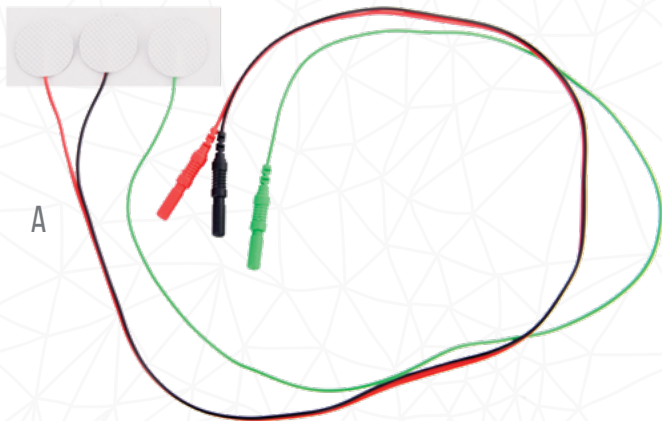
CADWELL DISPOSABLE 4-DISC ELECTRODES

NEW!

Ag/AgCl sensors with an extra thick and flexible conductive gel are highly flexible and can be repositioned on all types of skin for recording, stimulation and ground use. Soft wires for patient comfort and optimized connectors for easy headbox insertion and extraction.

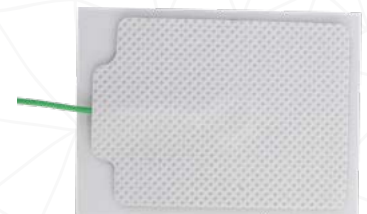| Product	Length		Part No.
4-Disc Electrode Sets with Attached Leads, 20 mm disc, 10/box	1 m	39 in	302298-000-039
	1.5 m	59 in	302298-000-059
	2 m	78 in	302298-000-078
	2.5 m	98 in	302298-000-098
	3 m	118 in	302298-000-118
4-Disc Electrode Sets with Attached Leads, 19 mm disc, 20/box	1m	39 in	302290-000

CADWELL NCV PACKS

NEW!

In response to a clinical need, we've added new fully disposable NCV kits that are uniquely designed with parallel lead wires to reduce artifact and environmental noise, and can be separated as needed. Can be separated as needed. Electrodes are pre-gelled 20 mm Ag/AgCl ideal for nerve conduction, R-R Interval, autonomic and evoked potential studies. 24 packs/box.

Product		Length		Part No.
A	24 NCV 3-Disc Packs. Each pack = 1 red/black parallel disc pair + 1 green single disc	.5 m	20 in	302296-000-020
		1 m	39 in	302296-000-039
B	24 NCV 2-Disc + Ground Packs. Each pack = 1 red/black parallel disc pair + 1 large green ground	.5 m	20 in	302297-000-020
		1 m	39 in	302297-000-039

CADWELL DISPOSABLE GROUND ELECTRODES

Large surface area (40x50 mm) reduces noise and adheres well anywhere on the body. Single patient use only. 20/box.

Product	Length		Part No.
20 Disposable Ground Electrodes (40x50 mm) with attached lead wires	1 m	39 in	302299-000-039
	1.5 m	59 in	302299-000-059
	2 m	78 in	302299-000-078
	2.5 m	98 in	302299-000-098
	3 m	118 in	302299-000-118

NEW!
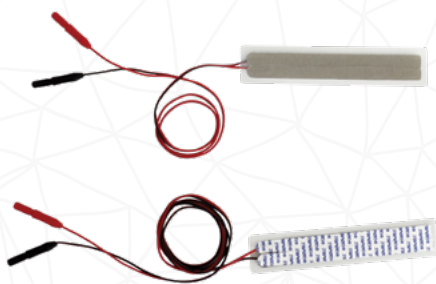
CADWELL DISPOSABLE RING ELECTRODES

In response to a clinical need, we've added new disposable ring electrodes that are uniquely designed with parallel lead wires to reduce artifact and environmental noise that can be separated as needed. Available in two lengths. 24/pack.

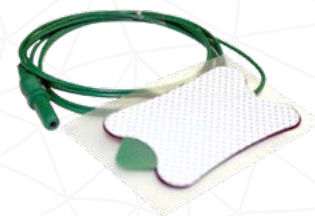| Product	Length		Part No.
Cadwell Disposable Ring Electrode Set	0.51 m	20 in	302295-000-020
	0.81 m	32 in	302295-000-032

Ambu 3-Disc

Ambu Ground Pad

AMBU NEUROLINE DISPOSABLE TAB ELECTRODES

Self-adhesive electrodes are easy to reposition and feature high quality Ag/AgCl sensor for optimum signal quality. Single patient use only. 12/pack.

Product	Length		Part No.
Ambu 3-Disc, 30x22 mm	0.5 m	20 in	202380-000
	0.8 m	32 in	202381-000
Ground Pad, white lead, 28x20 mm	1.5 m	60 in	202383-000-060-PK12
Ground Pad, color-coded lead, 28x20 mm	1.5 m	60 in	202384-000-060

CADWELL DISPOSABLE SURFACE ELECTRODES

Four mil carbon film, silver/silver chloride coated. Hydrogel formulated so it stays on the patient better and is still movable. Single patient use only.

| Product	Size	Length		Part No.
12 Packs of Twisted Pair Disposable Surface Electrodes	20x15 mm	1.5 m	60 in	302853-000-060
		2.5 m	100 in	302853-000-100
	27x20 mm	1.5 m	60 in	302854-000-060
		2.5 m	100 in	302854-000-100
12 Packs of 4 Single Lead Disposable Surface Electrodes	27x20 mm	2.5 m	100 in	302852-000-100

AMBU DISPOSABLE GROUND ELECTRODES

Easily reposition and conform to the curves of the body. Sold in packs of 25 electrodes. Single patient use only.

Product	Length		Part No.
25 Ambu Neuroline Disposable Ground Electrodes	1 m	40 in	202382-000
	1.5 m	60 in	202382-000-060-BX25

SPECIALITY ELECTRODES

A

B
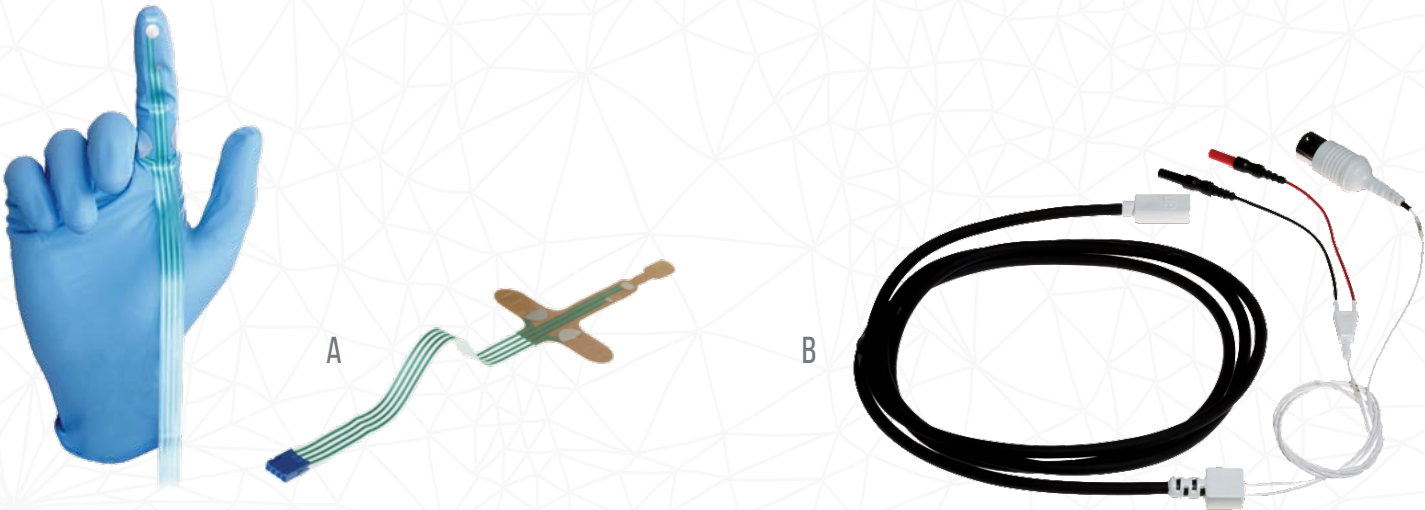
SPES MEDICA PUDENDAL ELECTRODE   NEW!

Suitable for Pudendal Nerve Terminal Motor Latency (PNTML) for recording and stimulation in the anal sphincter. The electrode is made with biocompatible and flexible materials. The cable and electrode is easy to connect to the Sierra Summit Amplifier or Stimulator device.

Product	Length		Part No.
A	EMG Pudendal Disposable Electrode, 10/pack			202527-000
B	EMG Pudendal Electrode Reusable Cable	20 cm	79 in	202528-000

CADWELL MEASURING TAPE

Ideal for surface measurement, this flexible-fiber measuring tape shows both inches and centimeters and retracts with the push of a button.
Zero begins at the end of the tape.

Product	Part No.
Cadwell Measuring Tape, color varies	202161-000

PDI SANI CLOTH DEVICE & ELECTRODE CLEANING WIPES

Safely and effectively disinfects and cleans all reusable surface bar, ring, ground plates and EEG surface electrodes. See electrode care section for cleaning information. *Additional shipping and handling charges may apply.

Qty	Product	Part No.
1 tub	Super Sani Wipes	202197-000*
1 tub	Sani Bleach	202198-000*

CHINA MARKER (GREASE PENCIL)

Grease pencils. 12 per box.

Product	Part No.
12 red China Markers	202711-000
12 blue China Markers	202712-000

STERILE SKIN MARKING PEN

Highly visible, violet ink pens require only a light touch and provide a bright alternative to grease pencils. Sterile and labeled Single Use.

Product	Part No.
1 Sterile Skin Marking Pen	202734-000

EXAMINATION GLOVES

Powder and latex free stretch vinyl synthetic gloves, non-sterile ambidextrous, Aloetouch® 3G.
100 gloves (50 pairs) per box.

Product	Size	Part No.
1 Box Aloetouch 3G Gloves, 100/box	small	202753-000
	medium	202754-000
	large	202755-000

*Call for availability

PREP SUPPLIES

NEW!

NUPREP

NuPrep™ for NCV, EP, EEG and sleep testing, this acetone-free skin prep is less abrasive than other brands and provides lower impedance.

Product	Part No.
3 NuPrep large tubes 114 ml (4 fl oz)	202159-000
6 NuPrep small tubes 25 ml (1 fl oz)	202186-000
24 NuPrep Single Use Cups (9 g each) - NEW!	202185-000

TEN20 CONDUCTIVE PASTE

Water-soluble, odor-free paste maintains its consistency at warm temperatures. Sold in packs of three.

Product	Part No.
3 Ten20™ small jars 114 ml (4 fl oz)	202155-000
3 Ten20 large jars 228 ml (8 fl oz)	202156-000
3 Ten20 small tubes 114 ml (4 fl oz)	202154-000
24 Ten20 Single Use Cups (15 g each)	202151-000

TENSIVE CONDUCTIVE ADHESIVE GEL

Tensive® Conductive Adhesive Gel is a safe, odorless, non-flammable gel. It is bacteriostatic and water soluble for easy cleanup.

Product	Part No.
1 Tensive Adhesive Gel Tube, 50 g	202142-000

SPECTRA 360 CONDUCTIVITY GEL

Chloride-free, water soluble gel is ideal for EMG, EP, NCV and EEG testing. Non-allergenic and odor free.

Product	Part No.
1 Spectra 360 Conductivity Gel, 250 g / 8.5 oz	202153-000

STERILE ULTRASOUND PROBE COVERS

There are 50 sterile probe covers per box, each individually packaged in a sterile package. Adhesive eliminates the need of gel under the cover – no more bubbles or wrinkles. Telescopic folding provides sterile application. Single use, packed in sterile pouch is now intended for intrasurgical use!

Product	Part No.
1 Sterile Ultrasound Probe Cover, Single Use (50 per box)	096013-000

AQUASONIC CLEAR ULTRASOUND GEL

Water-soluble gel for diagnostic ultrasound. Hypo-allergenic, chloride-free, and odor free. The .25 liter bottle is easy to handle to dispense gel from, and its Snap-Cap™ eliminates drips and draw-back.

Product	Part No.
1 Aquasonic 250 ml (8.45 fl. oz.)	202141-000
48 Aquasonic Sterile Pouches 20 g	202140-000

VELCRO CABLE MANAGEMENT AND ADHESIVE FEET

Color Velcro® straps for management of cables, wires and cords. Pack of five. Comes in red, orange, yellow, green and blue colors. Each strap is 20.3 cm/8 in long and 1.2 cm/0.5 in wide. Adhesive feet are to attach laptops to base units.

Product	Part No.
5/pack Color-coded Velcro Straps	056040-000
3M® Adhesive Foot, individually sold	342193-000

PREP SUPPLIES

NEEDLE DISPOSAL CONTAINER

Heavy-duty, one-piece polypropylene sharps containers are puncture and leak resistant. Containers provide safe disposal of syringes, needles, and other infectious waste. A safety handle provides arms-length protection, and a see-through, one-way entry prevents overfilling.

Product	Part No.
20-Syringe Container, 0.95 L (1 qt)	202052-000
180-Syringe Container, 3.8 L (1 gal)	202059-000

COHESIVE BANDAGE

Select® cohesive bandages are latex-based and provide slip-resistant support without fasteners or clips. They offer excellent breathability and can be cut away with scissors. 3 in x 15 ft.

Product	Part No.
1 roll of 3 in x 15 ft Cohesive Bandage	202172-000

ELASTOMULL BANDAGE

Elastomull® Bandage, Gauze, 4 in x 12.3 ft Non-sterile. 12 rolls per pack.

Product	Part No.
12 rolls of 4 in Non-Sterile Gauze	202173-000

GAUZE SPONGES

Gauze sponges, 5x5 cm (2x2 in). Available in sterile and non-sterile.

Product	Part No.
2 packs of 50 Sterile Gauze Sponges	202164-000
1 pack of 200 Non-Sterile Gauze Sponges	202162-000

ALCOHOL PADS

Ready-to-use prep pads saturated with 70% Isopropyl alcohol.

Product	Part No.
1 box of Alcohol Prep Pads, 200/box	202165-000

COTTON TIPPED APPLICATORS

Non-sterile cotton tipped applicator swabs are 15 cm (6 in) long.

Product	Part No.
1 Box Cotton Tipped Applicators, 1000/box	202163-000

3M TRANSPORE TAPE

Hypoallergenic 3M® Transpore™ tape comes in a 9 m/30 ft roll available in 2.5 cm/1 in and 5 cm/2 in widths.

Product	Size	Part No.
12 Rolls of 1 in Transpore Tape	2.5 cm x 9 m (1in x 30 ft)	202360-000
6 Rolls of 2 in Transport Tape	5 cm x 9 m (2 in x 30 ft)	202361-000

TUBULAR ELECTRODE DRESSING RETAINER / LEAD WIRE STOCKINETTES

Latex-free tubular woven stockinettes capture and contain electrode lead wires to prevent entanglement.

Product	Size	Part No.
1 25-yard piece Surgilast® Tubular Elastic Dressing Retainer	small size 4	202169-000
	medium size 5	202170-000
	large size 6	202171-000

COVER-ROLL STRETCH TAPE

This non-woven cross-elastic bandage can be cut to size to secure any size or type of dressing. It is flexible and therefore works well on moveable and hard to bandage areas.

Product	Size	Part No.
1 Cover-Roll Stretch Bandage	2 in x 6 ft	202174-000-002
	2 in x 30 ft	202174-000-010

3M MICROPORE TAPE

3M Micropore™ Tape is a latex-free, hypoallergenic paper tape that is gentle to the skin yet adheres well and leaves minimal adhesive residue upon removal. An economical, general purpose, breathable surgical tape.

Product	Size	Part No.
12 Rolls of 1 in Micropore Tape	2.5 cm x 9 m (1 in x 30 ft)	202363-000

Helping you help others

Cadwell Industries, Inc. is an American, family-owned neurophysiology diagnostic and monitoring solutions provider founded in 1979 by brothers John and Carl Cadwell. We engineer innovative and easy-to-use solutions that efficiently improve patient outcomes.

Our core competencies are full-spectrum EEG; Electrodiagnostic solutions for EMG, NCS, and EP with fully integrated Ultrasound; IONM; Sleep Diagnostics including in-lab PSG and HSAT; and a full suite of essential electrodes and accessories. We combine customer insight with decades of employee expertise to create cutting-edge technology and provide market-leading customer support.

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Contact Us for a Demo

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