



EMG • EP • EEG • IONM • SLEEP



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NEURODIAGNOSTIC AND MONITORING: Electrodes, sensors, and accessories

Cadwell[®] provides leading-edge medical equipment, electrodes, supplies, and accessories. We have strategic distribution relationships with leading suppliers to provide you with best-in-class products that you use every day.

John Cadwell, BSEE, MD, designed the first microprocessor-controlled EMG instrument during his medical school residency. In 1979, John and his brother, Carl Cadwell, DDS, formed Cadwell and began selling their device. Since then, Cadwell has been a leader in the development and manufacturing of innovative and reliable instruments for neurophysiology.

Cadwell is proud to provide competitive pricing, incredible customer service, same-day shipping options, and www.estore.cadwell.com for convenient online ordering. Thank you for choosing Cadwell.

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EMG Starter Kits

Cadwell® Fully Disposable NCS Starter Kit							
#197343-200							
part #	description						
302297-000-039	Cadwell Disposable NCV Kit, 2-Disc, 1 Ground, 1 m (39 in)	24/Box					
302295-000-032	Cadwell Disposable Ring with Lead, 81 cm (32 in)	24/Box					
202153-000	Spectra 360 Gel, 250 ml (8.45 fl oz)	Tube					
202162-000	Pad, Gauze 2 in x 2 in 200/box	200/Box					
202165-000	Pad, Alcohol 200/box	200/Box					
202734-000	1 Sterile Skin Marking Pen	1					
202161-000	Cadwell Measuring Tape	1					

Cadwell [®] Comprehensive NCS Starter Kit							
#197344-200							
part #	description	quantity					
302143-200	Electrode, Ring Pair, 24 in	1					
302150-200	Electrode, Ground Flat, 24 in	1					
302139-200	Electrode, Paired Disc, 24 in	1					
302147-200	Electrode, Bar Concave, 24 in	1					
302146-200	Bar Electrode Handle	1					
302192-200	Cable, Shielded Interconnect, 48 in	1					
302227-200	Twisted Crocodile Clips, with ground	3/pk					
302217-000	Cadwell Large Tab Electrode	100/pk					
302286-000	Cadwell Disposable Ring Electrodes, 10 x 0.6 cm (4 x 0.25 in)	100/pk					
202153-000	Spectra 360 Gel, 250 ml (8.45 fl oz)	Tube					
202162-000	Pad, Gauze, 2 in x 2 in, 200/box	200/Box					
202165-000	Pad, Alcohol, 200/box	200/Box					
202734-000	1 Sterile Skin Marking Pen	1					
202360-000	Tape, Transpore, 1 in	12/Box					
202161-000	Cadwell Measuring Tape	1					

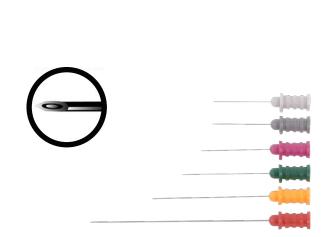
EMG

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The Cadwell concentric needle is designed and engineered to give optimum performance, clear and reliable signals, and patient comfort. For use with detachable EMG Cable. Single patient use only.

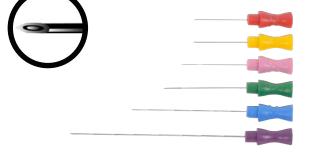
part #					recording area		qty
202456-000	25 mm	1 in	0.3 mm	30G	0.031 mm ²	red	25/ box
202457-000	25 mm	1 in	0.4 mm	27G	0.031 mm ²	yellow	25/ box
202458-000	30 mm	1.2 in	0.3 mm	30G	0.031 mm ²	pink	25/ box
202459-000	37 mm	1.5 in	0.45 mm	26G	0.085 mm ²	green	25/ box
202460-000	50 mm	2 in	0.45 mm	26G	0.085 mm ²	blue	25/ box
202461-000	75 mm	3 in	0.6 mm	23G	0.085 mm ²	violet	25/ box



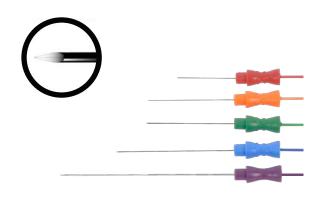
Ambu® Neuroline Concentric Needles

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

part #		gth			recording area		qty
202800-000	25 mm	1 in	0.3 mm	30G	0.02 mm ²	light grey	25/box
202801-000	25 mm	1 in	0.45 mm	26G	0.07 mm ²	dark grey	25/box
202802-000	30 mm	1.2 in	0.35 mm	28G	0.02 mm ²	purple	25/box
202803-000	38 mm	1.5 in	0.45 mm	26G	0.07 mm ²	green	25/box
202804-000	50 mm	2 in	0.45 mm	26G	0.07 mm ²	yellow	25/box
202805-000	75 mm	3 in	0.65 mm	23G	0.07 mm ²	red	25/box



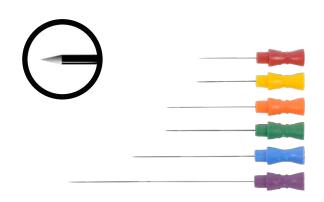
EMG | NEEDLE ELECTRODES



Cadwell[®] Disposable Monopolar Needle Electrodes with Trocar Tips

Attached, color-coded 77 cm (27.5 in) PVC lead wire with safety DIN 42802 connector. Machine-sharpened trocar tip and ultra-thin PTFE coating ensure low insertion friction. EO gas sterilized. Single patient use only.

part #		gth				qty
202464-000	25 mm	1 in	0.35 mm	28G	red	25/box
202466-000	37 mm	1.5 in	0.35 mm	28G	orange	25/box
202467-000	37 mm	1.5 in	0.45 mm	26G	green	25/box
202468-000	50 mm	2 in	0.45 mm	26G	blue	25/box
202469-000	75 mm	3 in	0.45 mm	26G	violet	25/box



Cadwell® 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 Cadwell Monopolar Detachable Lead Wires. Single patient use only.

part #		gth				qty
202270-000	25 mm	1 in	0.35 mm	28G	red	25/box
202271-000	25 mm	1 in	0.45 mm	26G	yellow	25/box
202272-000	37 mm	1.5 in	0.35 mm	28G	orange	25/box
202273-000	37 mm	1.5 in	0.45 mm	26G	green	25/box
202274-000	50 mm	2 in	0.45 mm	26G	blue	25/box
202275-000	75 mm	3 in	0.45 mm	26G	violet	25/box



A. Shielded 5-Pole DIN with pin and crocodile clips





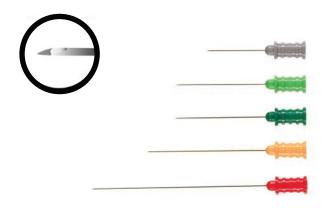
B. Shielded 5-Pole DIN

C. Unshielded Monoplar cable

Cadwell® Monopolar Detachable Lead Wires

Detachable, reusable cables come in three options. For use with disposable monopolar needle electrodes.

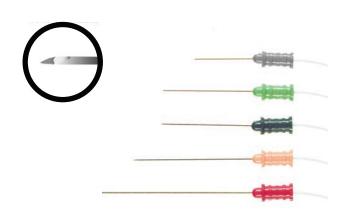
part #	product				
302204-200	A	1.06 m	42 in	multi	1
202277-000	В	0.99 m	39 in	grey	1
202276-000	С	0.6 m	24 in	grey	1



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. For use with Ambu Neuroline Detachable Lead Wire. EO gas sterilized. Single patient use only.

part #		gth				qty
202238-040	25 mm	1 in	0.35 mm	29G	grey	40/box
202240-040	38 mm	1.5 in	0.35 mm	29G	light green	40/box
202241-040	38 mm	1.5 in	0.45 mm	26G	dark green	40/box
202242-040	50 mm	2 in	0.45 mm	26G	yellow	40/box
202243-040	75 mm	3 in	0.5 mm	25G	red	40/box



Ambu[®] Neuroline Disposable Monopolar Needle Electrodes with Attached Lead Wires

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.

part #		gth				
202221-040	25 mm	1 in	0.36 mm	29G	grey	40/box
202223-040	38 mm	1.5 in	0.36 mm	29G	light green	40/box
202224-040	38 mm	1.5 in	0.45 mm	26G	dark green	40/box
202225-040	50 mm	2 in	0.45 mm	26G	yellow	40/box
202226-040	75 mm	3 in	0.5 mm	25G	red	40/box



Ambu[®] Neuroline Detachable Lead Wire

Detachable, reusable 76 cm (30 in) white lead wire with 1.5mm touch-proof connector and 1mm needle socket.

part #		qty	
202244-000	76 cm	30 in	1

EMG I NEEDLE ELECTRODES



Cadwell[®] Detachable EMG Cable

Flexible, reusable cables with 5-pole DIN connector for use with Cadwell Disposable Concentric EMG Needle Electrodes.

part #		igth	qty
202462-000	1.25 m	4 ft	1
202463-000	2 m	6.5 ft	1



Ambu[®] Neuroline Detachable Concentric Cable

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

part #	length			
202806-000	1 m	40 in	grey	1

Cadwell® Disposable Injectable EMG Needle Electrodes

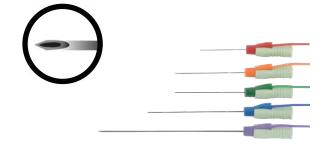
Stimulate and record. Pre-attached 75 cm (30 in) wire with DIN 42802 connector. Fits slip-tip and Luer-lock syringe connections. Leak-free and minimum residual volume of medication. Tri- bevel tip for smooth insertion. Latex-free. Single patient use only.

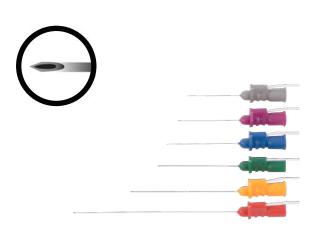
part #	leng	jth				qty
202450-000	25 mm	1 in	0.3 mm	30G	red	10/box
202452-000	37 mm	1.5 in	0.4 mm	27G	orange	10/box
202453-000	37 mm	1.5 in	0.45 mm	26G	green	10/box
202454-000	50 mm	2 in	0.5 mm	25G	blue	10/box
202455-000	75 mm	3 in	0.7 mm	22G	violet	10/box

Ambu® Neuroline Inoject™ Disposable Injectable Needle Electrodes

Pre-attached 70 cm (27.5 in) lead wire with touch-proof connectors. Stainless steel needles have a smooth coating and a back-cut beveled tip that reduces friction at the point of insertion. The Luer-lock fitting provides a secure syringe connection. Ideal for injecting Botulinum Toxin or other medications. EO gas sterilized. Single patient use only.

part #						qty
202810-000	25 mm	1 in	0.3 mm	30G	grey	10/box
202811-000	30 mm	1.2 in	0.35 mm	28G	purple	10/box
202812-000	35 mm	1.4 in	0.4 mm	27G	blue	10/box
202813-000	38 mm	1.5 in	0.45 mm	26G	green	10/box
202814-000	50 mm	2 in	0.5 mm	25G	yellow	10/box
202815-000	75 mm	3 in	0.55 mm	24G	red	10/box













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Cadwell[®] Disposable Patient Paks

Patient Paks give you the number of disposable electrodes needed to complete most single-patient studies. With these conveniently packaged, affordably priced disposable Patient Paks, testing and billing are simple. Save the time it would take to track individual electrode use. Each Pak contains the following disposable, silver/silver chloride electrodes: four bar electrodes (or eight tab electrodes), 2 ring electrodes, and 2 ground electrodes. Use with minicrocodile clip lead wires. Single patient use only.

part #	qty
302120-000	25/pk





Cadwell® Disposable Tab Electrodes

Available in small and large sizes, these easy-to-place, silver/silver chloride disposable tabs with improved hydrogel. Use with mini-crocodile clip lead wires. Each 100-count package contains 10 individually sealed sets of 10 tabs. Single patient use only.

part #	product	length		qty
302285-000	Small	1.5 x 1.5 cm	0.5 x 0.5 in	100/pk
302217-000	Large	2.2 x 2.5 cm	0.875 x 1 in	100/pk



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. For use with crocodile clips. Dimensions: 25.4 mm x 19 mm (1 in x 7/8 in). Single patient use only.

part #	
202373-000	100/pk

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Cadwell® Disposable Bar Electrodes

Disposable bars made of silver/silver chloride with improved hydrogel have contacts spaced three centimeters center-to-center. Perforated for easy separation into 2 individual tabs. Use with mini-crocodile clip lead wires. Each 200-count package contains 25 individually sealed sets of 4 bars. Single patient use only.

part #	dimensions		qty
302287-000	4x1.5 cm	1.6x0.5 in	200/pk (25 sets of 4)



Cadwell® Disposable Ring Electrodes

Wrap-around, silver/silver chloride ring electrodes with improved hydrogel fit pediatric to adult patients. Each 100-count package contains 10 individually sealed sets of 10 rings. Use with mini-crocodile clip lead wires. Single patient use only.

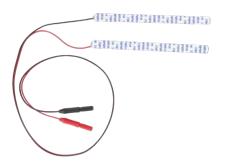
part #			qty
302286-000	10x0.6 cm	4x0.25 in	Pack of 100



Cadwell® Disposable Ground Electrodes

Silver/silver chloride ground with improved hydrogel has a large surface area for superb patient grounding. Use with mini-crocodile clip lead wires. Each 100-count package contains 50 individually sealed sets of 2 grounds. Single patient use only.

part #			qty
302288-000	4.5x3.1 cm	1.75x1.25 in	100/pk



Cadwell® Disposable Ring Electrodes w/ Lead Wires

The Cadwell Ring Electrodes are uniquely designed to reduce artifact and environmental noise with parallel lead wires that can be separated as needed. The entire electrode is disposable to improve infection control. High quality adhesive is used to ensure good signal quality and allows the electrodes to be moved during an examination. The attached leads come in lengths of either 20 in (50 cm) or 32 in (81 cm) and terminate in standard touch-proof connectors that can be inserted into an amplifier or stimulator.

part #	Lead Le	qty	
302295-000-020	50 cm	20 in	24/Box
302295-000-032	81 cm	32 in	24/Box



Cadwell[®] Disposable 4-Disc Electrodes with Leads (NEW)

Cadwell Disposable 4-Disc Electrodes are designed with an Ag/AgCl sensor and an extra thick and flexible conductive gel. The electrodes, for recording, stimulation and ground use, are highly flexible and can be repositioned on all types of skin. The electrode is designed for patient comfort and user friendliness with soft wires and an optimized connector for easy headbox insertion and extraction. Disc diameter is 20 mm.

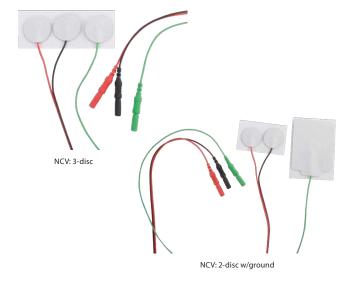
New Cadwell Style			
part #			
302298-000-039	1 m	39 in	10/box
302298-000-059	1.5 m	59 in	10/box
302298-000-078	2 m	78 in	10/box
302298-000-098	2.5 m	98 in	10/box
302298-000-118	3 m	118 in	10/box



Cadwell® Disposable 4-Disc Electrodes with Leads (Original)

Four disposable disc electrodes with improved hydrogel are attached to wires in red, blue, green, and black. Hydrogel is formulated so it stays on the patient better and is still movable. Four mil carbon film, silver/silver chloride coated. Disc diameter is 19 mm (0.75 in). Individually sealed sets of four leads. Single patient use only.

Original Cadwell Style					
part # length qty					
302290-000	1 m	39 in	20/box		



Cadwell® Disposable NCV packs

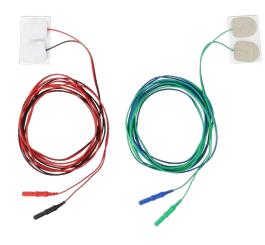
Cadwell NCV 3-Disc and 2-Disc + ground pad are color coded to match amplifier inputs. The red and black wires are paired in parallel to help reduce environmental noise and shock artifact and can be separated as needed. Electrodes are pre-gelled 20 mm Ag/AgCl ideal for nerve conduction, R-R Interval, autonomic and evoked potential studies.

part #		gth	description	qty
302296-000-020	0.5 m	20 in	3-Disc	24/Box
302296-000-039	1 m	39 in	3-Disc	24/Box
302297-000-020	0.5 m	20 in	2-Disc + Ground	24/Box
302297-000-039	1 m	39 in	2-Disc + Ground	24/Box



Single surface electrodes are pre-attached to wires in red, black, and white. Twisted surface electrodes are pre-attached to wires in a red/white and black/ white combo. Four mil carbon film, silver/silver chloride coated. Each box contains 12 individually sealed sets of four for singles and 12 individually sealed packs containing 2 twisted pairs. Hydrogel is formulated so it stays on the patient better and is still movable. Single patient use only.

Single Disposable Surface Electrodes						
part #				qty		
302852-000-100	27x20 mm	27x20 mm 2.5 m 100 in		12 packs of 4 singles		
Surface, Twisted Disposable Electrodes						
part #		lengt				
302853-000-060	20x15 mm	1.5 m	60 in	12 packs of pairs		
302853-000-100	20x15 mm	2.5 m	100 in	12 packs of pairs		
302854-000-060	27x20 mm	1.5 m	60 in	12 packs of pairs		
302854-000-100	27x20 mm	2.5 m	100 in	12 packs of pairs		



Cadwell[®] Disposable Surface Electrodes with Parallel Lead Wires

These electrodes are commonly used as either stimulation or recording electrodes. Each pouch contains 2 pairs of electrodes. One pair has red/black color leads and the other pair has blue/green leads. The soft, parallel leads lay flat against the body when applied and the leads are easy to separate if needed.

part #		gth	description	
302856-000-060	1.5 m	60 in	20x25 mm pads	48 Pairs/Box
302856-000-100	2.5 m	100 in	20x25 mm pads	48 Pairs/Box
302857-000-060	1.5 m	60 in	15x20 mm pads	48 Pairs/Box
302857-000-100	2.5 m	100 in	15x20 mm pads	48 Pairs/Box

Cadwell® Disposable Ground Electrode with Lead Wire

Adhesive Ground Electrode 40x50 mm surface; green wire lead; 20 pieces / box. Single patient use only.

part #			qty
302299-000-039	1 m	39 in	20/box
302299-000-059	1.5 m	59 in	20/box
302299-000-078	2 m	78 in	20/box
302299-000-098	2.5 m	98 in	20/box
302299-000-118	3 m	118 in	20/box

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Ambu 3-Disc

Ambu® Neuroline Disposable Tab Electrodes with Lead Wires

Self-adhesive electrodes are easy to reposition and feature high quality silver/ silver chloride sensor for optimum signal quality. 30x22 mm pads have colorcoded lead wires. 28x20 mm pads have a duck-foot style for better grip. Single patient use only.

part #				description	qty
202389-000	30x22 mm	0.5 m	20 in	Ambu 3-Disc	1 box (20 packs of 12)
202388-000	30x22 mm	0.8 m	32 in	Ambu 3-Disc	1 box (10 packs of 12)
202386-000-060	28x20 mm white lead	1.5 m	60 in	Ambu Single Disc	1 box (10 packs of 12)
202385-000-060	28x20 mm color-coded lead	1.5 m	60 in	Ambu Single Disc	1 box (10 packs of 12)



Ambu® Neuroline Disposable Ground Electrode with Lead Wire

Ground electrode, with attached lead wire, is easily repositioned and conforms to the curves of the body. Utilizes a special green tab which makes it easy to grasp. Each individual electrode is packaged in a foil pouch for longer shelf life. Sold in packs of 25 electrodes. Single patient use only.

part #			
202382-000	1 m 40 in		25/box
202382-000-060-BX25	1.5 m	60 in	25/box



Pudendal Pelvic Floor Electrode

The electrode for the pelvic floor can be used for both stimulation and recording. It is an invasive device, previously placed on the examination glove, used by the operator on patients with pelvic floor diseases.

part #	description	
202527-000	Pudendal Electrode (Disposable)	10/pk
202528-000	Pudendal Cable (Reusable)	1

EMG | REUSABLE SURFACE ELECTRODES



Cadwell® Reusable Bar Electrodes

Bar and shielded bar electrodes. Solid, machined contacts (spaced 30 mm center-to-center) can endure repeated cleaning. Polarity indicators are molded into the body. Snap-on handle fits our bar electrode styles. Felt pads are single patient use.

part #	product			qty
302147-200	Concave Bar	0.61 m	24 in	1
302247-200	Concave Bar	1.22 m	48 in	1
302085-200*	Shielded Tri-lead Bar	1.02 m	40 in	1
302786-200	Shielded 5-pole DIN Bar	1.02 m	40 in	1
302089-200	Felt Pad Bar	0.61 m	24 in	1
302703-200	Replacement Felt Pads	-	-	12/pk
302146-200	Bar Electrode Handle	-	-	1





Twisted Lead





Shielded Touch-proof Tri-lead

Shielded 5-pole DIN

Cadwell® Reusable 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. Available with twisted pair lead wires, and shielded paired disc electrodes with touch-proof Tri-lead and DIN connectors.

part #	product			qty
302139-200	Twisted Lead	0.61 m	24 in	1
302087-200	Shielded Touch-proof Tri-lead	1.02 m	40 in	1
302787-200	Shielded 5-pole DIN	1.02 m	40 in	1
302694-200	Disc pair (split separate)	0.61 m	24 in	1

EMG | REUSABLE SURFACE ELECTRODES



Cadwell® Reusable Round Molded Ground Plate Electrodes

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

part #	length		qty
302150-200	0.61 m	24 in	1
302189-200	1.22 m	48 in	1





Shielded Tri-lead

Shielded 5-pole DIN



Stainless steel ring electrodes have a molded grip for convenient handling, an adjustable slider that moves smoothly and locks firmly in one motion and ultraflexible 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.

part #	product			
302143-200	Twisted	0.61 m	24 in	1
302243-200	Twisted	1.22 m	48 in	1
302172-200	Shielded Tri-lead	1.02 m	40 in	1
302788-200	Shielded 5-pole DIN	1.02 m	40 in	1



Cadwell[®] Reusable 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.

part #				
302135-200	black	0.61 m	24 in	1
302136-200	red	0.61 m	24 in	1
302196-200	black	1.22 m	48 in	1
302197-200	red	1.22 m	48 in	1

Cadwell® Reusable Mini-Crocodile Clip Lead Wires

Use with tab and snap electrodes. Sold individually or in packs. Red and black twisted wires available for reduced noise. Non-sterile.

part #		gth		
302123-200	0.46 m	18 in	red	1
302125-200	0.46 m	18 in	black	1
302127-200	0.46 m	18 in	green	1
302225-200	0.46 m	18 in	set	3/pk
302250-200	0.76 m	30 in	red	1
302251-200	0.76 m	30 in	black	1
302252-200	0.76 m	30 in	green	1
302124-200	1.22 m	48 in	red	1
302126-200	1.22 m	48 in	black	1
302128-200	1.22 m	48 in	green	1
302226-200	1.22 m	48 in	set	3/pk
302160-200	0.76 m	30 in	red/black twisted	1
302227-200	0.76 m	30 in	red/black twisted+ green single	3 /pk



Cadwell® Reusable 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).

part #	
202203-200	1



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

part #				
302129-200	1.22 m	48 in	red	1
302130-200	1.22 m	48 in	black	1
302131-200	1.22 m	48 in	green	1
302137-200	1.83 m	72 in	blue	1





EMG | ANCILLARY



Cadwell® Reusable DIN Cable Adapter

Attach cables terminating in a 5-pin DIN round connector to your 1.5 mm (0.06 in) amplifier or stimulator probe jack; e.g., interfaces needle or pelvic floor electrode cables to Cadwell instruments. (Stackable)

part #	
302771-200	1



Interconnet 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.

part #	product			
302176-200	Cable	0.46 m	18 in	1
302192-200	Cable	1.22 m	48 in	1
302772-200	Gown Clip	-	-	1



Cadwell® Needle Sheath Holder/Clamp Style Holder

Cadwell clamping and needle sheath holder has double-sided tape so it can be attached to Needle Holder bracket.

part #	product	
199301-200	2 Channel	1
199302-200	12 Channel	1

EMG | ANCILLARY



Cadwell® Quick Connect Adapter

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

part #	
302228-200	1

Cadwell® Reference Jumpers

Cadwell® Reference Jumpers feature two stackable, 1.5 mm touch-proof connectors. Choose from a 15 cm/6 in or 249 cm/98 in ultra-flexible lead wire. Sold individually.

part #				
302169-200	15 cm	6 in	blue	1
302167-200	249 cm	98 in	red	1



Cadwell[®] Interconnect Twisted Touch-proof Cable

For use with Sierra Summit Amplifier/Stimulator Switch Box.

part #		qty
302785-200	24 in	1

EMG | ELECTRICAL STIMULATORS & ACCESSORIES



Cadwell® Electrical Stimulators

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

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.

part #	product	qty
190274-200*	Sierra Summit StimTroller Plus	1

*Probes not included with purchase of Sierra Summit StimTroller 190274-200



A. Straight Probe, large diameter









D. Felt Pad Tip Probe

Cadwell[®] Stimulator Probes with Touch-proof Connectors for StimTroller[®] Plus

Replacement probes with touch-proof connectors for Sierra Summit electrical stimulators above.

	part #	product	qty
A	339073-200	Straight Probe, large diameter, round head .250 in / 6.35 mm	1
В	339080-200	Straight Probe, small diameter, round head 0.187 in / 4.75 mm	1
С	339078-200	Straight Probe with Pointed Tip	1
D	339079-200	Felt Pad Tip Probe	1
	302703-200	Felt Pad Replacement Tips	12/pk

*Sierra Summit StimTroller requires quantity 2 probes



Cadwell[®] Sierra Summit[®] Remote Input Box for Summit 3-12 Channel Amplifier

Extend your inputs to the bedside with the remote input box. Well suited for EP studies.

part #	product	qty
190285-200	Remote Input Box	1
362053-000	Remote Input Box Cable	1
198264-000	Reusable 12 Channel Remote Input Overlay	1



Cadwell[®] Sierra Summit[®] Skin Temperature Probe

Includes a one-year warranty.

part #	plug type		gth	qty
202600-000	1/8 in jack	2 m	78 in	1
202607-000	1/8 in jack	1 m	39 in	1



Cadwell[®] Trigger Cable

3.5 mm stereo plug to 2x RCA plugs, 6 ft cable. For use with Trigger Input and Output connectors on the Sierra Summit and Sierra Ascent.

part #	
286093-000	1



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

part #	product	qty
302151-200	Stim Probe Extension Cable, 32 in	1
339084-200	Straight, small diameter probe 30 mm / 1.15 in	1

* StimTroller requires Qty 2 probes







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

part #	
291240-000	1



Shure SM11 Microphone Kit

Microphone kit for use with EMG studies. Adapter cable provided in kit for XLR audio to Touch-proof connectors.

part #	qty
197341-200	1 kit



Sierra Summit[®] Technical Manual

part #	product	
100850-621-200	CD, Technical Manual, Sierra Summit	1
100850-621-201	USB, Technical Manual, Sierra Summit	1

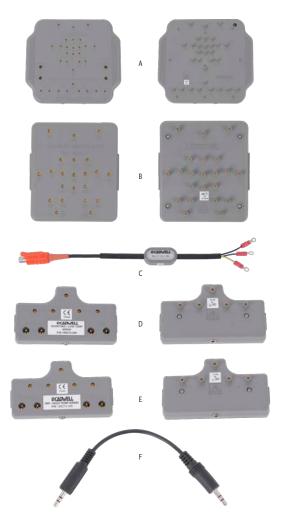


Cadwell® Tendon Hammer

Used for mechanical triggering in reflex studies. Cable terminates in 3.5 mm stereo plug. For use with Sierra Summit. Cable length 7 ft (2.1 m).

part #	
190282-200	1

23



Cadwell[®] Sierra Summit Test Arrays

Diagnostic Test Fixtures for Sierra Summit.

	part #	product	qty
А	199278-200	Test Fixture, 12-ch Test Array	1
В	199279-200	Test Fixture, 12-ch Summit Remote Input Box	1
С	199272-200	Auditory Stim Output Fixture	1
D	199273-200	2-ch Amp Shorting/ Lo Temp Fixture	1
E	199274-200	2-ch Amp Impedance/ Hi Temp Fixture	1
F	286097-000	Temperature Circuit Test Cable	1



Cadwell® EMG Power Accessories

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

part #	product	
197288-200	Y-Cable, Dell	1
197289-200	Y-Cable, Toshiba	1



Cadwell[®] Footswitch

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

part #	
190286-200	1



Cadwell[®] Ring/Bar Electrode Switch Box

Switch between stimulation with a Bar electrode or Ring electrode without disconnecting either electrode from the Cadwell Sierra Summit.

part #	product	qty
190292-200	Ring/Bar Switch Box	1
334829-000	Switch Box Holder, 2-ch	1
334830-000	Switch Box Holder, 3-12 ch	1



Cadwell® Sierra Summit® Amplifier/Stimulator 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.

part #	product	
9732022	Amp / Stim Switch Box	1
334829-000	Switch Box Holder, 2-ch	1
334830-000	Switch Box Holder, 3-12 ch	1
286088-000	USB A to USB B 2 foot cable	-
199263-200-003	Sierra Summit Amplifier Cable	-

EMG | ULTRASOUND



Sierra NMUS1[®] Ultrasound Transducer Probes

part #	product	qty
198289-200	HL18-4, Hockey Stick 4-18 MHz, 25.6 mm	1
198287-200	L14-4, Linear 4-14 MHz, 39 mm	1
198288-200	C5-2, Curvilinear 2-5 MHz, 51 mm	1
286165-000	Thunderbolt cable, 2 m	1
286166-000	Thunderbolt cable, .5 m	1
198246-000	Carry Case	1





Carry Case



Sterile Ultrasound Probe Covers

part #	product	qty
096013-000	Sterile Ultrasound Probe Covers 50 / pack	1

EMG | ULTRASOUND



L15-6L25N-4 small footprint 7.5-15 MHz Linear, 25 mm



Probe C-Clamp Holder



Carry Case

Ultrasound Transducer Probes and Accessories

The Sierra Summit[®] electrodiagnostic system with SmartUs ultrasound allows you to perform ultrasound without switching machines or applications. With a variety of probes available, this ultrasound solution complements the Sierra Summit system, and helps to augment needle guidance and injections. Contact Cadwell or your Cadwell sales manager for more information about the SmartUs Ultrasound system and the Sierra Summit Ultrasound Software License.

SmartUs Ultrasound Transducer Probes

part #	product	qty
198250-000	Curvilinear 2-5 MHz, Convex	1
198242-000	L15-7L40H-5 7.5-15.0 MHz Linear, 40 mm	1
198243-000	L15-6L25N-4 small footprint 7.5-15 MHz Linear, 25 mm	1
334851-000	SmartUs C-Clamp Holder	1
334852-000	Probe C-Clamp Holder	1
198246-000	Carry Case	1

Replacement transducer probes are only available through Cadwell Supplies and Accessories.

Evoked Potential Starter Kits

	Cadwell [®] Reusable EP Starter Kit		Cadwell [®] Disposable EP Starter Kit		
#197345-200		#197346-200			
part #	description	quantity	part #	description	quantity
302243-200	Electrode, Ring Pair 48 in	1	302146-200	Bar Electrode Handle	1
302247-200	Electrode, Bar Concave, 48 in	1	302247-200	Electrode, Bar Concave, 48 in	1
302146-200	Bar electrode handle	1	302297-000-039	Cadwell Disposable NCV Kit, 2-Disc, 1 Ground, 1 m (39 in)	24/Box
202153-000	Spectra 360 Gel, 250 ml (8.45 fl oz)	1 Tube	302295-000-032	Cadwell Disposable Ring with Lead, 81 cm (32 in)	24/Box
202162-000	Pad, Gauze 2 in x 2 in, 200/box	200/Box	202153-000	Spectra 360 Gel, 250 ml (8.45 fl oz)	Tube
202165-000	Pad, Alcohol 200/Box	200/Box	202162-000	Pad, Gauze, 2 in x 2 in, 200/box	200/Box
202711-000	China Marker, red, 12/pk	12/pk	202165-000	Pad, Alcohol, 200/box	200/Box
302736-200	Sample Pack, EEG Gold Cup, 6/pk	6/pk	202711-000	China Marker, red, 12/pk	12 pk
202151-000	Ten20 Single Use Cups	24 Cups	302643-000-048	Cadwell Disp EEG Cup Electrodes, 10 mm, 1.2 m (48 in)	10x (10 pk)
202185-000	NuPrep Single Use Cups	24 Cups	202151-000	Ten20 Single Use Cups	24 Cups
202161-000	Cadwell Measuring Tape	1	202185-000	NuPrep Single Use Cups	24 Cups
202163-000	Cotton Swabs, 6 in, 1,000/box	1000/Box	202161-000	Cadwell Measuring Tape	1
			202163-000	Cotton Swabs, 6 in, 1,000/box	1000/Box

EP

Evoked Potential Accessories

30





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

part #	product	qty
199277-200	LED Goggles - Sierra Summit	1
199246-200	LED Goggles - Sierra II	1







VEP Calibration Sensor

VEP Pattern Generators for Cadwell® Sierra Summit®

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.

part #	product	qty
291271-000	24 inch Dell Flat Panel Monitor	1
190283-200	VEP Calibration Sensor	1
286096-000	VEP Calibration Sensor Cable	1



Cadwell® Auditory Bone Transducer

10-ohm bone transducer for use with auditory EP testing.

part #		qty
199276-200	1	1





RadioEar Headphones for Sierra Summit®

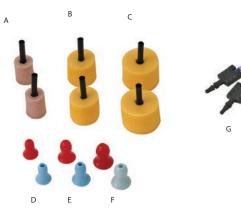
TDH-39, 10-ohm speakers with adjustable headband.

	part #	product		qty
А	199312-200	RadioEar Headphones	10	1
В	096001-000	Disposable Earpiece Covers	-	100/box

B. Disposable Earpiece Covers

EP | EVOKED POTENTIAL ACCESSORIES









Insert Earphone Kit

TDH-39, 10- or 300-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. Kits include: 2 speakers, attachable velcro patient strap, 3 pairs of color-coded tubing, 2 impedance adapters, 2 connectors, 2 velcro clips, and foam ear tips (10 pediatric + 50 adult + 4 jumbo). Additional impedance adapters, connectors, and ear tips available below. Cables sold separately.

part #	product	qty
198235-000	ER-3C 10 Ohms Kit	1
199291-200	Cascade IOMAX Cable, 1 m / 3.28 ft	1
199306-200	Cascde IOMAX Cable, 3 m / 9.84 ft	1
355350-200	Cascade PRO Cable	1
355351-200	Cascade PRO Cable	1
199295-200	Sierra Summit Cable	1
202698-000	Replacement Tubing (clear, red+blue stripes)	1 pair

Ear Tips and Impedance Adapters

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

	part #	product		qty
Α	202692-000		Pediatric	50/pk
В	202710-000	Foam Ear Tips	Adult	50/pk
С	202693-000		Jumbo	24/pk
	202691-000	Connectors	-	10/pk
D	202742-200		4 mm (0.16 in)	20/pk
E	202743-200	Neonate / Pediatric Ear Tips	5 mm (0.20 in)	20/pk
F	202744-200		6 mm (0.24 in)	20/pk
G	202690-000	Impedance Adapters	-	5/pk

Gold Foil Ear Tips and Tubing with Recording Lead Wire

Order the gold foil ear tips together with the tubing.

part #	product	
202688-000	Tubing, Recording Lead Wire	1 pair
202695-000	Pediatric Gold Foil Ear Tips	20/pk
202689-000	Adult Gold Foil Ear Tips	20/pk

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.

part #	product	
202681-200	Right-Angle Threaded Adapter	10/pk
202682-000	Foam Ear Tips – Slim 0	12/pk
202683-000	Foam Ear Tips – standard 0	12/pk
202698-000	Replacement Tubing (clear, red+blue stripes)	1 pair

EEG Starter Kits

Cadwell [®] EEG Disposable Electrode Kit				
#197352-200				
part #	description			
302642-000-012	Cadwell Disposable EEG cup electrodes, 10 mm, 0.3 m (12 in)	(5) 25/pk		
302642-000-048	Cadwell Disposable EEG cup electrodes, 10 mm, 1.2 m (48 in)	(5) 25/pk		
302642-000-060	Cadwell Disposable EEG cup electrodes, 10 mm, 1.5 m (60 in)	(5) 25/pk		
202162-000	Gauze pad, non-sterile, 2 in x 2 in	200/pk		
202163-000	Swab, 6 in Cotton 1,000/box	1000/Box		
202173-000	Elastomull gauze roll, 4 inch x 4.1 yd	12/pk		
202174-000-010	Cover Roll Stretch Tape, 2 in x 10 yd	10 yd/Roll		
202712-000	China Marker, Blue, 12/pk	1		
202161-000	Cadwell Measuring Tape	1		
202151-000	Ten20 Conductive Paste, single use cup, 15 grams	24/Box		
202185-000	NuPrep Gel, single use cup, 9 grams	24/pk		
202360-000	Transpore Hypo. Tape roll, 2.5 cm x 9 m (1 in x 10 yd)	12/Box		



Electrodes	34
Arc Apollo+ Accessories	38
Arc Essentia Accessories	41
Easy EEG Accessories	42
Arc Zenith Accessories	44

EEG | ELECTRODES



Cadwell® Premium Gold Cup Electrodes

Adult Gold Cup Electrodes - 10 mm (0.4 in) diameter cups are overmolded to multi-color lead wires and have 2 mm (0.08 in) holes for easy paste/ collodion application. They are available in a variety of lengths to suit many different needs.

	product				
302767-200	EEG Gold Cup	0.3 m	12 in	assorted	25/pk
302155-200	EEG Gold Cup	0.46 m	18 in	assorted	10/pk
302768-200	EEG Gold Cup	0.8 m	32 in	assorted	26/pk
302736-200	EEG Gold Cup Sample Kit	1.22 m	48 in	assorted	6/pk
302132-200	EEG Gold Cup	1.22 m	48 in	black	10/pk
302055-200	EEG Gold Cup	1.22 m	48 in	yellow	10/pk
302058-200	EEG Gold Cup	1.22 m	48 in	red	10/pk
302641-200	EEG Gold Cup	1.52 m	60 in	black	10/pk
302644-200	EEG Gold Cup	1.52 m	60 in	yellow	10/pk
302647-200	EEG Gold Cup	1.52 m	60 in	red	10/pk
302695-200	EEG Gold Cup	2.8 m	110 in	black	6/pk



Cadwell® Gold Cup Electrodes

Two cup size options are available for adult and pediatric use.

	product				
202110-000-040	Adult	1 m	40 in	10 mm	12/pk
202110-000-060	Adult	1.5 m	60 in	10 mm	12/pk
202110-000-080	Adult	2 m	80 in	10 mm	12/pk
202110-000-100	Adult	2.5 m	100 in	10 mm	12/pk
202111-000-040	Pediatric	1 m	40 in	6 mm	12/pk
202111-000-060	Pediatric	1.5 m	60 in	6 mm	12/pk
202111-000-080	Pediatric	2 m	80 in	6 mm	12/pk

EEG | ELECTRODES



Cadwell® Disposable EEG Cup Electrodes

Cadwell's disposable EEG Cup Electrodes are single use, silver / silver chloride EEG electrodes designed to provide low impedance in routine and long term EEG studies, reduce patient infection, and are conveniently packaged with 10, 15, 25, and 27 multi-colored leads per pack. Options inlcude 10 mm deep cup or shallow cup, and also 6 mm deep cups.

Shallow Cups - 10 mm					
part #					
302315-000-039	10 mm	shallow	39 in	1 m	10/pk
302316-000-039	10 mm	shallow	39 in	1 m	25/pk
302315-000-059	10 mm	shallow	59 in	1.5 m	10/pk
302316-000-059	10 mm	shallow	59 in	1.5 m	25/pk
302317-000-059	10 mm	shallow	59 in	1.5 m	27/pk
302315-000-078	10 mm	shallow	78 in	2 m	10/pk
302316-000-078	10 mm	shallow	78 in	2 m	25/pk
302315-000-098	10 mm	shallow	98 in	2.5 m	10/pk
302316-000-098	10 mm	shallow	98 in	2.5 m	25/pk
part #					
302642-000-012	10 mm	deep	12 in	0.3 m	25/pk
302643-000-048	10 mm	deep	48 in	1.22 m	10/pk
302642-000-048	10 mm	deep	48 in	1.22 m	25/pk
302318-000-059	10 mm	deep	59 in	1.5 m	15/pk
302319-000-059	10 mm	deep	59 in	1.5 m	27/pk
302643-000-060	10 mm	deep	60 in	1.5 m	10/pk
302642-000-060	10 mm	deep	60 in	1.5 m	25/pk
302320-000-078	10 mm	deep	78 in	2 m	10/pk
302318-000-078	10 mm	deep	78 in	2 m	15/pk
302321-000-078	10 mm	deep	78 in	2 m	25/pk
302320-000-098	10 mm	deep	98 in	2.5 m	10/pk
302642-000-098	10 mm	deep	98 in	2.5 m	15/pk
302321-000-098	10 mm	deep	98 in	2.5 m	25/pk
part #	cup size	cup depth	len	gth	qty
302322-000-039	6 mm	deep	39 in	1 m	10/pk
302323-000-039	6 mm	deep	39 in	1 m	25/pk
302322-000-059	6 mm	deep	59 in	1.5 m	10/pk
302323-000-059	6 mm	deep	59 in	1.5 m	25/pk
302322-000-078	6 mm	deep	78 in	2 m	10/pk
302323-000-078	6 mm	deep	78 in	2 m	25/pk
302322-000-098	6 mm	deep	98 in	2.5 m	10/pk
302323-000-098	6 mm	deep	98 in	2.5 m	25/pk

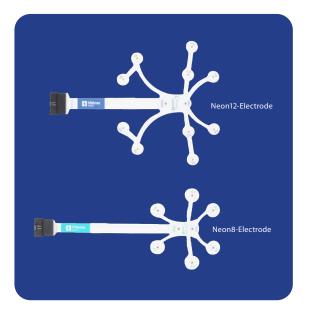
EEG | ELECTRODES



Ambu[®] Disposable EEG Cup Electrodes

Use when a disposable cup electrode is desired. 10 mm (0.4 in) diameter cups have 2 mm (0.08 in) holes for easy application of paste/collodion. Lead wires and connectors are multi colored to help when plugging into the head box.

part #		
202100-000	60 in	10/pk

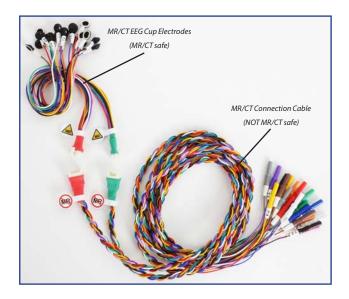


Incereb Neon Electrodes/Cables

12-channel and 8-channel neonate EEG Electrodes. Electrodes are single use and sold in packs of 5. Each electrode contact has a hole in the center for the application of EEG paste/gel. Touch-proof Connector cables will connect Electrodes to either Arc Apollo+ or Arc Essentia Amplifiers. Connector cables sold separately.

part #	product				
202001-010	Neon12 Electrode	0.3 m	12 in	white/blue	5/pk
202003-000	Neon12 Touch-proof Connector cable	0.46 m	18 in	white/blue	1
202004-010	Neon8 Electrode	0.8 m	32 in	white/green	5/pk
202006-000	Neon8 Touch-proof Connector cable	1.22 m	48 in	white/green	1

EEG | ELECTRODES



Spes Medica Disposable MR/CT EEG Cup Electrodes

The Spes Medica Disposable MR/CT EEG Cup Electrodes are intended to be left in place during MR imaging at 1.5T and 3T, as well as during CT scanning. The MR/CT Connection Cable must be disconnected from the electrodes before scanning and MUST remain disconnected throughout the entire MR/ CT scan. EEG or EP should not be recorded during the entire MRI or CT scan. Color-coded connectors enable quick disconnection and reconnection of the electrodes, eliminating the need to completely remove electrodes from the patient's skin when the patient goes in for an MRI or CT scan. These electrodes must be used with their dedicated connection cable, which is included.

part #	Lead Count	
202976-000	21 leads	1 Pack
202977-000	23 leads	1 Pack
202978-000	25 leads	1 Pack
202979-000	27 leads	1 Pack

Electro-Cap[™] Head Cap Systems

Everything you need to begin testing. Each Electro-Cap[™] System features pure tin electrodes positioned according to the International 10-20 System in an elastic fabric cap. When you place your order, please specify which instrument you are using with your head cap system and whether you want regular or surgical-style caps. For individual replacement supplies, please order from Electro-Cap at 1-800-527-2193. (Only compatible with Easy III and Arc Essentia)

Head Cap System:			
part #	197156-000	197157-000	197158-000
Includes			
Extra-Small Head Cap (46-50 cm)	-	-	1
Small Head Cap (50-54 cm)	-	-	1
Medium Head Cap (54-58 cm)	1	1	1
Large Head Cap (58-62 cm)	-	1	1
Small Body Harness	-	-	1
Medium Body Harness	1	1	1
Quick-Insert Electrodes	1	2	4
Pair of Ear Electrodes	1	2	2
Disposable Sponge Discs	100	100	100
Needle/Syringe Kits	1	2	4
Electro-Cap Gel, 16 oz (454 g) Jar	1	1	2
Head Measuring Tape	1	1	1
Liquid Soap, 12 oz (330 g) Bottle	1	1	1
Instruction Manual	1	1	1



Head Cap System I

EEG | ARC APOLLO+ ACCESSORIES

Arc Apollo and Arc Apollo+® Cables

Arc Apollo and Arc Apollo+ cables, multiple lengths available.



Apollo to Amp Cable



Apollo to Amp Cable, USB-A to Micro-USB



USB-A extension cable



Apollo+ to Amp Cable

Apollo+ USB A-C Cable



Apollo+ USB A-C Cable

202580-000

199296-000-005	Apollo to Amp	V		127 mm	5 in	1
199296-000-010	Apollo to Amp	\checkmark		254 mm	10 in	1
199296-000-040	Apollo to Amp	V		1 m	40 in	1
199296-000-070	Apollo to Amp	\checkmark		1.78 m	70 in	1
199296-000-120	Apollo to Amp	J		3.05 m	120 in	1
199296-000-360	Apollo to Amp	\checkmark		9.1 m	360 in	1
286127-000	Apollo USB-A to Micro-USB	J		3 m	118 in	1
286141-000	Apollo USB-A to Micro-USB	\checkmark		.3 m	11.8 in	1
286142-000	Apollo USB-A extension	V	\checkmark	5 m	197 in	1
199328-000-010	Apollo+ to Amp		\checkmark	0.3 m	12 in	1
199328-000-070	Apollo+ to Amp		\checkmark	1.78 m	70 in	1
199328-000-120	Apollo+ to Amp		\checkmark	3.05 m	120 in	1
199328-000-360	Apollo+ to Amp		\checkmark	9.1 m	360 in	1
286160-000	Apollo+ USB A-C		\checkmark	1.83 m	72 in	1
286161-000	Apollo+ USB A-C		\checkmark	0.91 m	36 in	1

Arc Apollo and Arc Apollo+® Additional Accessories

Additional Arc Apollo and Arc Apollo+ accessories.

part #	product			qty
100871-621-200	Apollo/Apollo+Technical Manual, CD	\checkmark	\checkmark	1
100871-621-201	Apollo/Apollo+ Technical Manual, USB	\checkmark	\checkmark	1
202580-000	Apollo/Apollo+ Backpack	\checkmark	\checkmark	1
197282-200	Apollo/Apollo+ Device Harness 32-ch	V	V	1
198282-000	Apollo/Apollo+ Harness 32-ch Amp Pouch replacement	V	V	1
197327-200	Apollo+ Device Harness 64-ch		V	1
198290-000	Apollo/Apollo+ Harness 64-ch Amp Pouch replacement		V	1
113023-200	Apollo+ 64-ch Amp and Recorder, Swivel Mount		V	1
113024-200	Apollo+ 64-ch Amp and Recorder, Pole Mount		J	1
199310-200	Apollo/Apollo+ Test Array, 32-ch	\checkmark	\checkmark	1
199329-200	Apollo+ Test Array, 64-ch		\checkmark	1





197282-200







199310-200



197327-200



EEG | ARC APOLLO+ ACCESSORIES



Cadwell® Patient Event Switch (Clinical version)

Plugs into the Patient Event connection on the Arc Apollo and Arc Apollo+®.

part #					
199244-200-010	3 m	10 ft	V	\checkmark	1
199244-200-025	7.6 m	25 ft	\checkmark	\checkmark	1



Cadwell® Patient Event Switch: (Ambulatory version)

Plugs into the Patient Event connection on the Arc Apollo and Arc Apollo+ °.

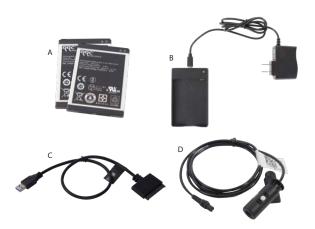
		gth			
199326-200	0.6 m	2 ft	\checkmark	\checkmark	1



Cadwell® Voice Event Microphone

Attaches to patients clothing and allows for voice diary entries. For use with Arc Apollo, Arc Apollo+[®], Easy Ambulatory, and Arc Alterna[®] systems.

part #			
197208-200	\checkmark	\checkmark	1



Arc Apollo and Arc Apollo+® Battery and Charging Equipment

For use with the Arc Apollo and Arc Apollo+® Recorder devices. Please note that the Arc Apollo Batteries must ship ground, and cannot ship via air.

	product			
245019-000	Apollo Battery	\checkmark	\checkmark	1
229052-000	Apollo Battery Charger	\checkmark	\checkmark	1
9600725	Apollo Battery Kit: (A)- 2 Batteries (B)- 1 Battery Charger	V	V	1 Kit
9600726	Apollo Ambulatory Kit: (A)- 2 Batteries (B)- 1 Battery Charger (C)- USB 3.0 to 2.5" SATA cable (QVM3) (D)- Ambulatory Microphone	J	V	1 Kit

EEG | ARC APOLLO+ ACCESSORIES



Arc Voyager[®] device shown for reference



Cadwell[®] Arc Voyager[®] Accessories

These accessories support the Arc Voyager Mobile Ambulatory device, which works with the Arc Apollo and Arc Apollo+ systems.

	product	
071002-000	Shoulder Strap	1
286174-000	Power Cable	1
286179-000	USB Extension Cable, 1.5 ft	1
338116-000	Screen Shield (Plexiglas®)	1
389111-000	Foam for Case/Tablet Sides	1
389112-000	Foam for Case/Tablet Front	1
291275-000	Microphone	1
198294-000	USB Camera w/ IR	1
051054-000	Cable Tie, Nylon Strap w/ Buckle, 6 in	1

Cadwell® Q-Video® Mobile 3 (QVM3) Accessories

These accessories support the Q-Video® Mobile 3 video device, which can be used in coordination with the Arc Apollo and Arc Apollo+® systems.

	part #	product	
A	020008-000	Reset Tool, Allen Wrench .0937 in, QVM3	1
В	198229-000	Tripod, Pocket Support, Black, QVM3	1
С	198246-000	Carrying Case, Generic	1
D	229045-000	Power Supply, 12V 30W Desktop 2.5 mm Plug	1
E	286065-000	Cable, USB, 6 ft (A-B)	1
F	286102-000	Cord, 30W Power Supply	1
G	286126-000	SATA Adapter Cable	1
Н	290171-000	Samsung, SSD, 2.5 in SATA 6GBs, 512GB	1



The Icron USB extender supports Cadwell EEG amplifiers in clinical scenarios where the PC is located away from the patient room. The Icron USB Extender Kit consists of LEX and REX units, and does not require any software setup, and is compatible with Cadwell's Arc Essentia Amplifier, Arc Apollo+ Recorder, Arc Photic Stimulator, USB Camera, USB Microphone, Pulse Oximeter, and the Arc Zenith Amplifier through the IOMAX base unit.

part #	product	
197339-200*	Icron USB Extender Kit with Power Supply	1 Kit
069002-000**	Icron USB Extender Wall Bracket Kit (Includes 2 Brackets and Mounting Hardware)	1 Kit
229058-000	Power Supply, AC-DC, 24V 1.5A 36W	1

*Wall brackets are not included in the USB Extender Kit (Part No. 197339-200).

** Two brackets are required to mount the LEX Unit, and two brackets are required to mount the REX Unit. Order two Icron USB Extender Wall Bracket Kits (Part No. 069002-000) to wall mount both units.





EEG | ARC ESSENTIA ACCESSORIES













Cadwell[®] Arc Essentia[®] Remote Input Box

Compact 10-20 pattern remote input box with color-coded remote inputs and secure cable connectors provides patient convenience and recording integrity.

part #	product	
190294-200	Remote input box	1
199283-000-010	3 m / 10 ft cable	1
199283-000-025	7.6 m / 25 ft cable	1
067015-000	Replacement Wipeable lanyard	1

Cadwell® Patient Event Switch (Clinical version)

Plugs into the Patient Event connection on the Arc Essentia®.

part #			
199244-200-010	3 m	10 ft	1
199244-200-025	7.6 m	25 ft	1

Cadwell® Patient Event Switch: (Ambulatory version)

Plugs into the Patient Event connection on the Arc Essentia®.

part #					
199326-200	0.6 m	2 ft	1		

EEG Impedance Test Array for Arc Essentia

Test Array fixture used with the Arc Essentia® amplifier.

part #	
360050-200	1

Cadwell[®] Arc Essentia[®] Wall Bracket

Mount the Arc Essentia to the wall. Quick-release pin.

	qty
334837-000	1

Cadwell[®] Arc Essentia[®] Technical Manual

part #	product	
100870-621-200	CD, Technical Manual, Arc Essentia	1
100870-621-201	USB, Technical Manual, Arc Essentia	1

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The Power/Com Module connects PSG amplifiers to the computer via standard 10BASE-T Ethernet communication cable and provides power via AC power cable (sold separately).

part #	product					
190245-200	Power/Com Module	1				1
362038-000	Amp cable	1		2	6.5	1
362039-000	Amp cable	1		4	13	1
286114-000	AC power cable	~	×	3	9.75	1
286050-000	10BASE-T cable	1	~	2	6.5	1

EEG Impedance Test Array for Easy® III Amplifier

Test Array fixture used with the Easy[®] III EEG amplifier.

part #	
360050-200	1



Easy® III Amplifier Wall Bracket

Use to mount the Easy III amplifier to the wall.

part #	
334760-000	1



Easy® III Technical Manual

	product	qty
100840-621-200	CD, Technical Manual, Easy III	1
100840-621-201	USB, Technical Manual, Easy III	1





EEG | EASY EEG ACCESSORIES





Remote Input Box 10-20

Remote Input Box 10-20 Low-Profile EEG and Pouch

Easy® Remote Input Boxes

Two styles of remote input boxes are available for use with the Easy II and Easy III system. Side-mount input boxes work well when you place the input boxes adjacent to the patient. Top-mount 10-20 pattern input boxes are ideal for EEG recordings.

part #	Remote Input Boxes					qty
190229-200	10-20 low profile EEG	✓		✓		1
190230-200	1-32 channel	✓		~		1
190231-200	33-64 channel	1		1		1
190232-200	65-96 channel	✓		~		1
190233-200	97-128 channel	1		✓		1
190249-200	10-20 pattern		~	~	~	1
190256-200	10-20 pattern PSG		~	1	1	1
part #						
199216-000	10 ft cable			1	~	1
199216-000-020	20 ft cable			~	~	1
199216-000-030	30 ft cable		1	1	1	
198214-000	Remote input box pouch		~		1	
067002-000	Replacement lanyard		1		1	
067015-000	Wipeable lanya	ard		~		1



Arc Photic Stimulator

The Arc Photic Stimulator has a flash rate of 1-60Hz and pulse width of 10ms. Its USB cable comes in multiple length options and connects the photic to the computer.

part #	product	
190289-200	Arc Photic Stimulator	1
286130-200	Photic 3.0 USB Cable 7.6 m / 25 ft	1
286129-200	Photic 3.0 USB Cable 3 m / 10 ft	1



Easy[®] III Photic Stimulator

The Easy III Photic Stimulator has a flash rate of 1-60Hz. The cable connects the photic to either the amplifier or the power/com module, and comes in two lengths.

part #	product	
190228-200	Easy III Photic	1
362036-000	Cable 2 m / 6.5 ft	1
362037-000	Cable 4 m / 13 ft	1

EEG | ARC ZENITH ACCESSORIES







for Arc Zenith Zenect Touch-proof Adaptors save time and reduce human error by utilizing I.D. chip technology. Once electrodes are assigned to a unique connector, those electrodes travel with that adaptor for the duration of the recording

Cadwell Zenect® Patented Touch-proof Adaptors

part #	product	
199297-200	Zenect Touch-proof Adaptor, 8-inputs	1
199298-200	Zenect Touch-proof Adaptor, 12-inputs	1
199299-200	Zenect Touch-proof Adaptor, 16-inputs	1



Arc Zenith Research Adapter Module

regardless of location in the amplifier(s).

The Zenith Research Adapter allows for side-by-side comparison of analog signals in Arc and any device which connects to the 50 pin SCSI connectors. Contact Cadwell for pin out information and further details.

part #	product	qty
199309-200	Research Adapter Module	1

Arc Zenith Test Array

Impedance Test Array fixture used with the Arc Zenith amplifier.

part #	product	
199300-200	Zenith Test Array	1





Arc Zenith Room Automation Controller

The Room Automation Controller connects custom SW events to physical high (e.g. TV) and low voltage items (e.g. 197331-200 reset button). Functionality includes but is not limited to turning the lights on, TV off, visual and audible alerts when the following "Events" occur:

- Patient button is pressed

- Persyst algorithm detection

- Synopsis detection

part #	product	qty
198279-000	Room Automation Controller	1
197331-200	Room Automation Reset Switch (Kit)	1



EEG | ARC ZENITH ACCESSORIES



Cascade® IOMAX® to Arc Zenith Cables

Choose length depending on location of Cortical Module relative to the Zenith amplifier (must be < 2 m away). The Lync cable provides connects Zenith amplifier to Cortical Module for stimulation, patient ground, and global common reference. SafeT[®] cables provide data, sync, and power; connect IOMAX Cortical Module to the Base Module and/or Zenith amplifiers.

part #	product		
362070-000-005 362070-000-020	Lync Cable (yellow to red) choose length	.5 m / 1.6 ft 2 m / 6.5 ft	1
362058-000-005 362058-000-010 362058-000-030	SafeT [®] Cable (blue to green) choose quantity and length	.5 m / 1.6 ft 1 m / 3.2 ft 3 m / 9.8 ft	1 (for 144-ch) 2 (for 288-ch)

Arc Photic Stimulator

The Arc Photic Stimulator has a flash rate of 1-60Hz and pulse width of 10ms. Its USB cable comes in multiple length options and connects the photic to the computer.

part #	product	
190289-200	Arc Photic Stimulator	1
286130-200	Photic 3.0 USB Cable 7.6 m / 25 ft	1
286129-200	Photic 3.0 USB Cable 3 m / 10 ft	1





Patient Event Switch



Hand Control, USB Cord w/Switch

Arc Zenith Button/Switch Accessories

Select from multiple button/switch options to improve efficiency in your EEG studies.

part #	product		
199244-200-010	Patient Event Switch	3 m / 10 ft	1
199244-200-025	(2 lengths available)	7.6 m / 25 ft	
291259-000	Hand Control, USB Cord w/ Switch	5 m / 16.5 ft	1



C-Clamp



Rail Mount

Arc Zenith / Cascade® IOMAX® Clamp/Mount Accessories

Choose from multiple clamp and mount options to mount your Arc Zenith and Cascade IOMAX devices for your preferred configuration setup.

part #	product	
190297-200	C-Clamp IV pole mount	1
339100-000	Rail Mount Hanger	1
199339-200	Rail Mount Hanger - Insulated	1

IONM Starter Kits

Cadwell [®] IONM Electrode Starter Kit						
#197350-200						
part #	description	quantity				
302298-000-039	Cadwell® Disposable 4-Disc Electrodes with Leads, 1 m	2x (10 sets)				
302353-000-060	Needle, Subdermal 13 mm, 27 g, 24/box, 60 in	2x (24/box)				
302820-000-060	Cadwell® Twisted Disposable Subdermal Needle Electrodes, 13 mm / 0.4 mm, 1.5 m lead	2x (12 pairs)				
302774-200	Electrode, Ext Dual Lead Wire, CA CE	1				
302169-200	Cadwell® Reference Jumpers, 15 cm, blue lead	1				
302299-000-059	Cadwell Disposable Ground Pads, 1.5 m	20/box				

IONM

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Adhesive Electrodes- See EMG section*

IONM | NEEDLE ELECTRODES



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.

part #	len	gth	nee	dle	diame	ter	qty
302353-000-040	1 m	40 in	13 mm	0.5 in	0.4 mm	27G	24/box
302353-000-060	1.5 m	60 in	13 mm	0.5 in	0.4 mm	27G	24/box
302353-000-080	2 m	80 in	13 mm	0.5 in	0.4 mm	27G	24/box
302353-000-100	2.5 m	100 in	13 mm	0.5 in	0.4 mm	27G	24/box
302359-000-060	1.5 m	60 in	23 mm	0.9 in	0.4 mm	27G	24/box

Ambu[®] Neuroline Disposable Subdermal Needle Electrodes

Lancet cut stainless steel needle with ultra-sharp tip for low penetration resistance, low noise, and low impedance level. Color-coded attached lead wires. EO gas sterilized. Single patient use only. Needle length: 12 mm (0.5 in) diameter: 0.4 mm (27G).

part #	length		qty
202353-000	0.5 m	20 in	24/box
202354-000	1 m	40 in	24/box
202356-000	1.5 m	60 in	24/box
202355-000	2.5 m	100 in	24/box

Cadwell® Disposable Parallel Subdermal Needle Electrodes

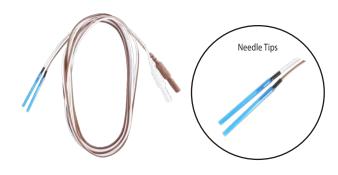
Vacuum-smelted, high-elastic and medical grade stainless steel wires. Safe-touch DIN 42802. 10 colored pairs in individual pouches in each box. Single patient use only. Two groups of colors are available for each length.

13 x 0.4mm (0.5 in x 27G) parallel needle pairs						
part #	length		part # length		qty	
302822-000-060	1.5 m	60 in	10/box			
302822-000-060-GP2	1.5 m	60 in	10/box			
302822-000-100	2.5 m	100 in	10/box			
302822-000-100-GP2	2.5 m	100 in	10/box			

Cadwell® 8-Channel IONM Electrode Kit

A complete kit for simple or complex spine cases, or for any surgery where eight channels of EMG with SSEPs are appropriate. This sterile, single-use kit can be used with any IONM system to help protect your patients in the OR.

part #	description	qty
302855-000	8-channel IONM Electrode Kit	1 Kit







IONM | NEEDLE ELECTRODES



Cadwell® Twisted Disposable Subdermal Needle Electrodes

Double subdermal needles with ultra-sharp tip. Twisted lead wires reduce noise and impedance levels giving a clean, clear signal. Red, green, blue, yellow, orange, and purple twisted with black and white wires. EO gas sterilized. Single patient use only.

part #	len	gth	needle		diameter		qty
302826-000-060	1.5 m	60 in	7 mm	0.27 in	0.4 mm	27G	12/box
302820-000-040	1.0 m	40 in	13 mm	0.5 in	0.4 mm	27G	12/box
302820-000-060	1.5 m	60 in	13 mm	0.5 in	0.4 mm	27G	12/box
302820-000-080	2 m	80 in	13 mm	0.5 in	0.4 mm	27G	12/box
302820-000-100	2.5 m	100 in	13 mm	0.5 in	0.4 mm	27G	12/box
302827-000-060	1.5 m	60 in	19 mm	0.8 in	0.4 mm	27G	12/box

Ambu[®] Neuroline Disposable Subdermal Needles with Twisted Pair Lead Wires

Stainless steel needle with ultra-sharp lancet cut for easy penetration and secure recording. Twisted lead wires reduce noise and impedance levels giving a clean, clear signal. Sold in boxes of 20. EO gas sterilized. Red, green, blue, yellow, and orange twisted with black and white wires. Single patient use only.

part #	len	length		needle		ter	qty
202820-000-040	1.0 m	40 in	12 mm	0.5 in	0.4 mm	27G	20/box
202820-000-060	1.5 m	60 in	12 mm	0.5 in	0.4 mm	27G	20/box

Cadwell[®] Six-Twisted Set Disposable Subdermal Needle Electrodes

Convenient set of six twisted subdermal needle electrodes for reduced time of setup and lower cost per needle. Each twisted set comes with red, yellow, blue, green, black, and white. EO gas sterilized. Single patient use only.

part #	len	gth	needle		diameter		qty
302821-000-060	1.5 m	60 in	13 mm	0.5 in	0.4 mm	27G	10/box

Technomed Disposable XS (Extra Small) Subdermal Needle Electrodes

Single 7 x 0.3 mm (0.28 in x 30G) stainless steel needles in four sets of six color-coded PVC 1.5 m (4.9 ft) lead length electrodes with safety DIN 42802 connectors. EO gas sterilized. Single patient use only.

part #	qty
202307-000-015	24/box

Cadwell[®] Six-Parallel Disposable Subdermal Needle Electrodes

Easy to operate and wind during procedures. 10 sets of six-parallels individually packaged in each box. Needles 13×0.4 mm (0.5 in x 30G), 1.5 m lead. Single patient use only.

part #	length		needle		diameter		qty
302824-000-060	1.5 m	60 in	13 mm	0.5 in	0.4 mm	30G	10/box









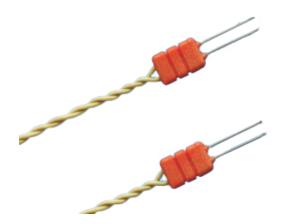
IONM | NEEDLE ELECTRODES



Cadwell[®] Subdermal Corkscrew

Standard single stainless steel corkscrew needle keeps it stable during use. Four sets of six colors. Individual sterile packaging. EO gas sterilized. Single patient use only.

part #	len	gth	color	qty
302357-000	1.2 m	48 in	multi	24/box
302358-000	2 m	80 in	multi	24/box



Cadwell® ENT Dual Disposable Needle Electrodes

12 x 0.4 mm (0.47 in x 30G) needle pairs with varying lead lengths. 1 pair of dual needles per pouch, 12 pouches per box. Single patient use only.

part #	len	gth	qty
302825-000-060	1.5 m	4.9 ft	12/box



Technomed Hooked Needle Electrodes

Tangle-free, color-coded 2 m (80 in) lead wires and stainless steel lancet cut 21 x 0.45 mm (0.83 in x26G) needle tip offer easy insertion and clear signals. Red, green, black, white, yellow, and blue. EO gas sterilized. Single patient use only.

part #	qty
202306-000-020	24/box

NeedleTape®

NeedleTape[®] is safe and effective solution when using Cadwell[®] subdermal needles, twisted subdermal, and corkscrew needles to help prevent needle sticks. Each box contains 96 (2.5 in x 3.75 in) pieces.

part #	qty
202365-000	96/box



IONM | LEAD WIRES & ELECTRODES



Cadwell[®] Dual and Quad Extension Lead Wires

Extension ribbon cables with touchproof connectors for the OR. Non-sterile.

part #		length		color	qty
302774-200	Dual	1.52 m	60 in	blue, white	1
302774-200-180	Dual	4.57 m	180 in	blue, white	1
302781-200	Quad	1.83 m	72 in	blue, green, orange, red	1

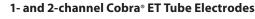


Cadwell® Reference Jumpers

Cadwell® Reference Jumpers feature two stackable, 1.5 mm touch-proof connectors. Choose from a 15 cm (6 in) or 249 cm (98 in) ultra-flexible lead wire. Sold individually.

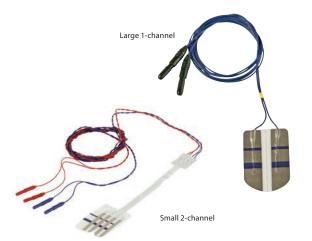
part #	length		color	qty
302169-200	15 cm	6 in	blue	1
302167-200	249 cm	98 in	red	1

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The Neurovision Cobra[®] 3-Plate EMG Endotracheal Tube is a patented technology designed for precise placement. It features large atraumatic electrodes, a standard ET Tube, universal compatibility, and a hermetically sealed connection. The Cobra 3-Plate tubes are robust electrodes that have been designed for impedance optimization and durability. Electrode geometry creates universal compatibility with single or multi channel systems. The high volume, low pressure cuff maintains the seal on the trachea. Color coded wires use a standard DIN and can identify the lateral vs. posterior electrode. Hermetically sealed wire connections protects from fluids to maintain a secure connection.

part #	product	qty
202429-060	Cobra 3-Plate EMG Endotracheal Tube, 6 mm	5/box
202429-070	Cobra 3-Plate EMG Endotracheal Tube, 7 mm	5/box
202429-080	Cobra 3-Plate EMG Endotracheal Tube, 8 mm	5/box



Dragonfly® Laryngeal Surface Electrode

For continuous monitoring of the recurrent laryngeal branch of the vagus nerve during surgery. When placed on a standard adult endotracheal tube (not included), the blue location markers on the electrode help confirm correct placement in the larynx. This electrode is the preferred electrode at teaching hospitals worldwide. Box of five. Single patient use only. Not for EMT use.

part #	product	fits ET Tube	leng	th	qty
202423-000	Large 1-ch	8 - 9.5 mm	76 cm	30 in	5/box
202424-000	Small 2-ch	6 - 7.5 mm	200 cm	78 in	5/box
202425-000	Large 2-ch	8 - 9.5 mm	200 cm	78 in	5/box



IONM | LEAD WIRES & ELECTRODES







Reusable electrode cable

Subdural strip electrode with attched cable

Ad-Tech Subdural Strip Electrode and Connection Cable

For cortical mapping, cortical stimulation, and electrocorticography test procedures. This electrode strip has four or six numbered platinum contact discs 4 mm diameter with 2.3 mm exposure and 10 mm spacing in a flexible silastic body. Individually sterile packaged. Reusable connection cable sold separately. Also available in a disposable one-piece version that has 6mm indented discs, with a 4 mm exposure, and 10 mm spacing. Single patient use only.

part #	Subdural strip electrode	qty
202400-000	1x4	1
202402-000	1x6	1
part #	Reusable 1.8 m / 6 ft electrode cable	qty
202401-000	1x4 cable	1
202403-000	1x6 cable	1
part #	Subdural strip electrode with attached cable	qty
202404-000	1x4	1
202405-000	1x6	1
202406-000	1x8	1



Ad-Tech Epidural Spinal Electrode

Three platinum contacts are ideal for recording D-waves during motor evoked potential monitoring. 16G Tuohy needle and internal stylet included. Attached 121 cm (48 in) ribbon cable terminates in standard touch-proof connectors. Individual sterile packaging. Single patient use only.

part #	qty
202830-000	1

Cadwell® Disposable Monopolar Probe

For direct nerve stimulation, pedicle screw stimulation, and stimulating across the bulk of a tumor to identify the course of a nerve. Teflon[®] coated to the tip, the probe has a blunt tip for low nerve trauma and fits easily into the head of poly-axial and fixed-head pedicle screws. Bend shaft up to 30 degrees for microscope use. Lead length 2 m (6.5 ft). Individual sterile packaging. Single patient use only.

part #	shaft length		qty
302427-000	90 mm	4 in	10/box
302427-000-275	275 mm	11 in	5/box

Cadwell® Disposable Flush Tip Monopolar Probe

Suitable for direct nerve stimulation and locating and suitable for direct nerve stimulation in the surgical field. Shaft length 90 mm (4 in) and lead length 2 m (6.5 ft). Individual sterile packaging. Single patient use only.

part #	qty
302426-000	10/box



Cadwell® Disposable Ball-Tip Monopolar Probe

Stimulate pedicle screws. Insulated shaft helps prevent current shunting. Exposed Ø2.3 mm ball tip. Bend shaft 30 degrees for microscope use. Multiple shaft lengths for various procedures including lateral access. Lead length 2 m (6.5 ft). Individual sterile packaging. Single patient use only.

part #	length	qty
302430-000-090	90 mm	10/box
302430-000-160	160 mm	10/box
302404-000-160	160 mm	1
302430-000-200	200 mm	10/box
302404-000-200	200 mm	1





IONM | PROBES



Cadwell® Disposable Concentric Probe

Stimulated with minimum current spread and maximum stimulus specificity. This offers an outer circumferential anode pole and an inner, straight cathode pole separated by insulation and Teflon[™] coated to the tip. Bend probe shaft up to 30 degrees for microscope use. Lead length 200 cm (78 in) and shaft length 90 mm (4 in). Individual sterile packaging. Single patient use only.

part #	qty
302425-000	10/box

Cadwell® Disposable Side-by-Side Bipolar Probe

Use for direct nerve stimulation or stimulation through a small amount of tissue. Current is passed through two probe tips to limit the spread of current and increase specificity. Tip spacing is adjustable from 2 mm. Add a 30 degree bend in the shaft for use under a microscope. 90 mm shaft, 2 mm spacing. Lead length 2 m (6.5 ft). Individual sterile packaging. Single patient use only.

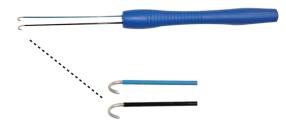
part #	qty
302429-000	10/box



Cadwell® Disposable Bipolar Cortical Stim Ball-Tip Probe

Stimulate the cerebral cortex directly. The Ø2 mm Double Ball tips are spaced 5 mm apart on 30 mm shafts. Lead length 2 m (6.5 ft). Individual sterile packaging. Single patient use only. Cleared for cortical stimulation when used with Cascade IOMAX.

part #	qty
302431-000-030	1



Cadwell® Disposable Double and Triple Hook Probes

For stimulating or recording directly from the peripheral nerves and nerve roots. 90 mm shafts with 5 mm adjustable spacing. Lead length 2 m (6.5 ft). Individual sterile packaging. Single patient use only.

part #	length	qty
302420-000	90° Double Hook Probe	1
302421-000	100° Double Hook Probe	1
302422-000	180° Double Hook Probe	1
302423-000	100° Triple Hook Probe	1
302424-000	180° Triple Hook Probe	1



Cadwell® Disposable Double Ball-Tip Probe

Stimulate or record directly from the peripheral nerves and nerve roots. The Ø2 mm Double Ball tips are spaced 5 mm apart on 80 mm shafts. Lead length 2 m (6.5 ft). Individual sterile packaging. Single patient use only.

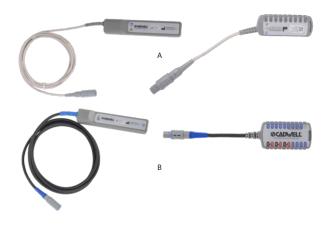
part #	qty
302431-000	1



DryTouch® Disposable Suction Stimulator Probe with Needles

Provides a dry stimulation field. The ball-tip design delivers repeatable stimulation while simultaneously evacuating conductive fluids that cause electrical shunting. 13 cm needles. Single patient use only.

part #	qty
202419-000	5/box



Cascade® IOMAX® Cortical Module Extender Pods

	part #	product	Cable Length	qty
A	362068-000 362069-000	TCS-9 Output Adapter with cable and Output Extender	9 ft / 108 in	1
В	362071-000 362072-000	16 Channel Amplifier Input Adapter with cable and Input Extender	9 ft / 108 in	1



Disposable SpO2 Probes

Measure pulse oximetry and heart rate on up to four limbs during a case. Connects to IOMAX $^{\circ}$ Limb Modules.

part #	qty
304000-000	24/box



Cascade® IOMAX® SafeT® Cable

Interchangeable cables with robust metal connectors are waterproof with and without caps.

part #	cable length	qty
199284-000	8 m	1
362058-000-030	3 m	1
362058-000-010	1 m	1

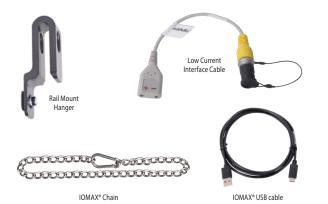
57

Cascade® IOMAX® Quick Adapts

Quickly insert and remove groups of electrodes on the IOMAX modules for the 16-channel amplifier, the TCS-9, 8-channel amplifier, and the E-Stim.

16 Channel Amplifier	8 Channel Amplifier
	S Sa
35 3 35	15
35 3 35	355
тсь-9	E-Stim

part #	product	qty
336223-000	16-Channel Amplifier	1
336224-000	TCS-9	1
336225-000	8-Channel Amplifier	1
336226-000	E-Stim	1



Cascade® IOMAX® Accessories and Cables

part #	product	qty
339100-000	Rail Mount Hanger	1
362061-000	Low Current Interface Cable	1
197293-200*	IOMAX Chain (0.6 m / 2 ft)	1
286113-000	IOMAX USB A-C cable (1.8 m / 6 ft)	1

*IOMAX Chain - For use with All Cascade Accessories and Modules (Heavy and Light).





Cascade® IOMAX® Goggles

part #	product	qty
199289-200	Goggles	1
197278-000	Disposable Foam	10/pk



Cascade[®] IOMAX[®] C-Clamp

Mount IOMAX cortical and limb modules to an IV pole or a Jackson frame.

part #	qty
190297-200	1



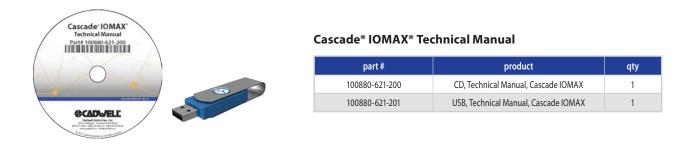
Durable Wheeled Travel Case with Cascade® IOMAX® Inserts

This travel case is carry-on sized and constructed with waterproof and wipeable materials. Featuring a collapsible handle and a TSA-approved combination lock, the case is designed to be carried or wheeled. Includes specifically designed inserts for organizing Cascade® IOMAX® components.

part #	qty
198240-200	1



Open IOMAX Travel Case







Cascade PRO[™] Two-Amp Holder (Garage)

Utilize this Cascade PRO Amp Holder to organize and safely store your system amplifiers. Designed for the Cascade PRO base to sit on top of. Individual Amp Trays for use with this garage are sold separately. Order IONM systems through your Cadwell Regional Sales Manager.

part #	product	qty
197245-200	Cascade PRO Amp Garage	1
336148-000	Amp Trays	1







Replacement 16 inputs extender pods for Cascade PRO.

part #	product	len	igth	qty
199251-200	Input Extender Pod	3 m	10 ft	1
199252-200	Input Extender Pod	6 m	20 ft	1



Quickly insert and remove groups of electrodes on the remote input extender pods. Comes with a pouch.

part #	qty
197277-200	4/pk





QuickConnect Replacement



QuickConnect Connector Saver

Cascade PRO™ QuickConnect Replacement Kit

Replacement parts for the Cascade PRO cable connections at the base.

part #	product	qty
340006-200	QuickConnect Replacement Kit	1
340007-200	QuickConnect Connector Saver	1



Cascade PRO[™] Cables

Replacement parts for the Cascade PRO cable connections at the base.

	part #	product	leng	ıth	qty
А	362049-200-003	Short ES-IX	3 m	9.7 ft	1
А	362049-200-006	Long ES-IX	6 m	19.6 ft	1
В	199269-200	ES-IX Daisy Chain	3 m	9.7 ft	1
С	355320-200	Short Aux	3 m	9.7 ft	1
С	355325-200	Long Aux	7.6 m	25 ft	1
D	199262-200-009	Short Amp	0.22 m	0.75 ft	1
D	362031-000	Medium Amp	3 m	9.7 ft	1
D	362029-000	Long Amp	7.6 m	25 ft	1
E	199251-200	Short Input Extender	3 m	9.7 ft	1
Е	199252-200	Long Input Extender	6 m	19.6 ft	1
С	355325-200	VEP Extension	7.6 m	25 ft	1
F	355339-200	BAEP Extension	7.6 m	25 ft	1
G	286081-000	Hospital grade AC power cord	3 m	9.7 ft	1
Н	286054-000	Ethernet - 10BASE-T	0.6 m	2 ft	1
Н	286050-000	Ethernet - 10BASE-T	2.1 m	7 ft	1
1	229038-200	PRO Power Supply	1.47 m	4.8 ft	1





Cascade PRO[™] Electrosurgery Detector

Easily prevent electro-surgical artifact from contaminating evoked potential responses and EMG recordings. Attach the electrosurgery (ES) detector clip(s) around the lead wires of electrosurgery tools and plug into the auxiliary port on your Cascade PRO. Turn on the Bovie Mute and Bovie Reject options in Cascade software. One clip can handle multiple tools from a single electrosurgery unit, or use two clips with a single module when two electrosurgery units are in use.

Clips sold separately.

part #	product	qty
190235-200	ES Detector Module	1
190236-200	ES Detector Clip	1
355325-200	QuickConnect Cable 25 ft	1



Cascade PRO[™] Cable Extension, 5-port yoke

32 in or 25 ft cable extension with a 5-port yoke extends touch-proof red and black inputs for use with TCS-1000 and TCS-4.

part #	length	qty
302151-200	32 in	1
302152-200	25 ft	1



PRO Input Pod Test Fixture - 16 Input



ES-IX Test Array

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PRO Base Test Fixture

Cascade PRO™ Impedance Test Array Fixtures

These test arrays are plugged into the Cascade Classic and PRO amplifier inputs to test or verify proper impedance function during amplifier diagnostic testing.

part #	product	qty
190267-200	PRO Input Pod Test Fixture - 16 Input	1
190268-200	ES-IX Test Array	1
360049-200	PRO Base Test Fixture	1



Cascade PRO[™] Pocket Chain

18 inch pocket chain with trigger snap to hang your light Cascade Accessories bedside.

part #	qty
067005-000*	1

*Pocket Chain - For use with light Cascade Accessories (DO NOT USE WITH MODULES).



Cascade PRO[™] Technical Manual

part #	product	qty
100822-621-200	CD, Technical Manual, Cascade PRO	1
100822-621-201	USB, Technical Manual, Cascade PRO	1



Cascade PRO[™] LED Goggles

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

part #	qty
199253-200	1

IONM | ACCESSORIES



Cadwell[®] Patented Multi-Stage Clip

Clip-on style lead wire has a 1.5 mm touch-proof connector with a multi-stage wire form that auto adjusts to any diameter up to 3/4 in. Ideal for dilators. Lead length 1.83 m (6 ft). Sterilized for single use.

part #	qty
302775-200-010	10
302775-200-150	150



Cadwell[®] Clip-On Lead Wire

Clip-on style lead wire has a 1.5 mm touch-proof connector and a 65-degree angle plunger tip ideal for clipping onto instruments and probes. Up to 6.35 mm (0.25 in). Lead length 1.83 m (6 ft). Sterilized for single use.

part #	qty
302773-200-010	10
302773-200-150	150



Noise Detect Probe, 200EP Inductive Amplifier

Allows monitors to quickly locate sources of noise in the operating room. Press and hold the button on the probe and move the probe around the room to identify large-amplitude noise sources. The sound coming from the probe increases as noise signals become stronger.

part #	qty	
198213-000	1	

IONM | ACCESSORIES



Portable Speaker Kit

For use with the Cadwell IONM systems for audio monitoring. Bluetooth (BLE) audio playback only.

part #	qty
291258-200	1

Microscope Video Connection Kit

Display video and save video snapshots from the surgical microscope in the Cascade software using this kit. Requires optional video monitoring software for Cascade and surgical microscope enabled with analog video output via BNC connection.

part #	product	qty
198256-000	AVIO HD Microscope Adapter	1
9720101	Dazzle Kit with Cable, 12 ft	1
9720102	Dazzle Kit with Cable, 50 ft	1
199002-200	Coaxial Cable, 3 m / 12 ft	1
199250-200-050	BNC/BNC Video Cable 15 m / 50 ft (For use with AVIO)	1
290157-000	Video Converter (Buy with #277024-000)	1
277024-000	BNC to RCA Adapter	1



AVIO

Dazzle

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SLEEP Starter Kits

Adult Reusable PSG Kit						
#197353-200						
part #	description	quantity				
302647-200	Gold Cup, EEG 10/pk, 60 in, Red	1				
302641-200	Gold Cup, EEG 10/pk, 60in, Black	1				
302696-200	Elect, Red, 60 in, Flat Snap	1				
302697-200	Elect, Black, 60 in, Flat Snap	1				
302698-200	Elect, Red, 120in, Flat Snap	2				
302699-200	Elect, Black, 120in, Flat Snap	2				
302701-000	Snap Electrode, 40x36 mm, Oval, Gel, Pack of 3	20				
302572-200-0484	CannuTherm Adult Cannula Fltr, 50/box, 84 in	50/box				
302534-200-0080	CannuTherm Thermocouple Kit, Touch-proof, 80 in	1				
302556-200-0080	Snore Microphone, Touch-proof, 80 in, A5 Compatible	1				
302510-200-0480	RIPMate Adult Kit, Touch-proof, 80 in	1				
202948-040-300	Sensor, Pulse Oximeter, Soft, 3 m, Medium	1				

Adult Disposable PSG Kit							
	#197354-200						
part #	description	quantity					
302642-000-098	Cadwell Disposable EEG Cups, 98 in Lead, (20) 15/pk	(20) 15/pk					
302298-000-098	Cadwell Disposable 4-disc, 2.5 m	(2) 10/box					
302298-000-118	Cadwell Disposable 4-disc, 3 m	(4) 10/box					
202663-040-007	Airflow, SL Cannula 25/pk, Adult, 7 ft	25/pk					
203027-000-010	Sensor, PVDF Airflow, Medium, (2) 10/pk	(2) 10/pk					
203107-000-010	AccuSnore Sensor, Disposable, (2) 10/pk	(2) 10/pk					
302513-200-0000	RIPmate Disposable Belt, Roll, 25 yd	1 Roll					
202941-030	Sensor, SpO2 Disp Adult, 1.2 m, (1) 24/box	(1) 24/box					

Pediatric Reusable PSG Kit						
#197355-200						
part #	description	quantity				
302647-200	Gold Cup, EEG 10/pk, 60 in, Red	1				
302641-200	Gold Cup, EEG 10/pk, 60in, Black	1				
302696-200	Electrode, Red 60 in, Flat Snap	1				
302697-200	Electrode, Black 60 in, Flat Snap	1				
302698-200	Electrode, Red 120 in, Flat Snap	2				
302699-200	Electrode, Black 120 in, Flat Snap	2				
302701-000	Snap Electrode, 40x36 mm, Oval, Gel	(20) 3/pk				
202664-020-007	Cannula, SL Nasal/EtCO2, 25/pk, Pediatric, 7 ft	1				
202662-020	Airflow Sensor Kit, Thermisense, Pediatric	1				
302556-200-0080	Snore Microphone, Touch-proof, 80 in, A5 Compatible	1				
302510-200-0280	RIPMate Pediatric Kit, Touch-proof, 80 in	1				
202940-020	Sensor, SpO2 Disposable Cloth, Pediatric, 1 m	1				
202949-000	Cable, Oximeter Extender, 3 m, Nonin	1				

Pediatric Disposable PSG Kit						
#197356-200						
part #	description	quantity				
302642-000-098	Cadwell Disposable EEG Cups, 98 in Lead, (20) 15/pk	(20) 15/pk				
302298-000-098	Cadwell Disposable 4-disc, 2.5 m	(2) 10/Box				
302298-000-118	Cadwell Disposable 4-disc, 3 m	(4) 10/Box				
202664-020-007	Cannula, SL Nasal/EtCO2, 25/pk, Pediatric, 7 ft	25/pk				
203065-000-010	Sensor, PVDF Airflow, Pediatric, (2) 10/pk	(2) 10/pk				
203107-000-010	AccuSnore Sensor, Disposable, (2) 10/pk	(2) 10/pk				
302513-200-0000	RIPmate Disposable Belt, Roll, 25 yd	1 Roll				
202940-020	Sensor, SpO2 Disposable Cloth, Pediatric, 1 m	1				

	Disposable Interface Kit #197357-200			PSG Setup Kit #197358-200		
part #	description	quantity	part #	description	quantity	
203026-000	Interface Cable, Airflow	1	202181-000	Gel, NuPrep 25 g / 1 oz, Single Cup	1	
203106-000	Reusable Interface Cable, AccuSnore	1	202162-000	Pad, Gauze, 2 in x 2 in, 200/box	200/box	
302590-200	RIPmate Lock, Abdominal, with Extension Cable	1	202364-000	Tape, 3M Micropore, 1 in	1 Roll	
302591-200	RIPmate Lock, Thorax, with Extension Cable	1	202165-000	Pad, Alcohol, 200/box	200/box	
202949-000	Cable, Oximeter Extender, 3 m, Nonin	1	202174-000-002	Tape, Stretch Cover Roll, 2 in x 2 yd	1 Roll	
302518-200-0000	RIPmate Thoracic Processor	1	202161-000	Cadwell Measuring Tape	1	
302519-200-0000	RIPmate Abdominal Processor	1	202158-000	Conductive Paste, Ten20, 3 Sample Cups (1 oz each)	1	

SLEEP

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Sleepmate[™] RIPmate[®] Reusable Inductance Belts

Cadwell Sleepmate[™] RIPmate[®] Reusable Inductance Belts are designed for high sensitivity and patient comfort during measurement of chest and abdominal expansion associated with respiratory effort. Problems of signal loss due to lost belt tension and false paradoxical signals are eliminated.

Cadwell #	Sleepmate #	Ambu #	product	qty
302521-200- 0400	1902	819103-000	RIPmate 1-1/2 in width Belt, Adult (26-79 in circumference)	1
302510-200- 0480	1910	819110-100	RIPmate Kit, Adult (2 Belts + 2 Cables, + Thoracic and Abdominal processor)	1 Kit
302515-200- 0480	1912	819150-100	RIPmate Thoracic Kit	1 Kit
302516-200- 0480	1911	819140-100	RIPmate Abdominal Kit	1 Kit
302518-200- 0000	1913	819100-000	RIPmate Thoracic Processor	1
302519-200- 0000	1914	819140-000	RIPmate Abdominal Processor	1
302522-200- 0080	1915	819150-000	RIPmate Cable 80 in	1
302522-200- 0020	-	819151-000	RIPmate Cable 20 in, also compatible with Alice 6	1
302510-200- 9480	1930	819100-121	RIPmate Kit, Alice 5	1 Kit
302515-200- 9480	1931	819003-121	RIPmate Thoracic Kit, Alice 5	1 Kit
302516-200- 9480	1932	819013-121	RIPmate Abdominal Kit, Alice 5	1 Kit
302518-200- 9000	1933	819170-000	RIPmate Thoracic Processor, Alice 5	1
302519-200- 9000	1934	819180-000	RIPmate Abdominal Processor, Alice 5	1
302510-200- 1480	-	819100-108	RIPmate Kit (2 Belts + 2 Keyhole Adapters, no processors)	1 Kit
Cadwell #	Sleepmate #	Ambu #	Infant / Pediatric	qty
302521-200- 0200	1903	819102-000	RIPmate 1-1/2 in width Belt, Pediatric (14-48 in circumference)	1
302510-200- 0280	1917	819102-100	RIPmate Kit, Pediatric	1 Kit
302515-200- 0280	1918	819002-100	RIPmate Thoracic Kit, Pediatric	1 Kit
302516-200- 0280	1919	819012-100	RIPmate Abdominal Kit, Pediatric	1 Kit





PSG/HSAT - SLEEPMATE

Sleepmate[™] RIPmate[®] Disposable Inductance Belts

The Cadwell Sleepmate[™] RIPmate[®] Disposable Inductance Belts are designed for high sensitivity and patient comfort during measurement of chest and abdominal expansion associated with respiratory effort. Problems of signal loss due to lost belt tension and false paradoxical signals are eliminated.

Cadwell #	Sleepmate #	Ambu #	product	qty
302512-200- 0080	819200-100	819200-100	RIPmate Kit w/ Disposable Bands - touch-proof (2 RIP Locks, 2 Processors, 1 Belt Roll)	1 Kit
302512-200- 1080	819200-108	819200-108	RIPmate Kit w/ Disposable Bands - Keyhole (2 RIP Locks, 1 Belt Roll)	1 Kit
302513-200- 0000	819201-000	819201-000	RIPmate Disposable Belt Roll (105 ft)	1
302518-200- 0000	SM1913	819100-000	RIPmate Thoracic Processor	1
302519-200- 0000	SM1914	819140-000	RIPmate Abdominal Processor	1
302590-200	-	-	RIPmate Lock, Abdominal with Ext. cable	1
302591-200	-	-	RIPmate Lock, Thoracic with Ext. cable	1



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Sleepmate[™] Piezo Effort Sensors

The Cadwell Sleepmate[™] Piezo Effort Sensors are highly sensitive and fully encapsulated for clear, artifact-free recording. All belt variants are designed for optimal patient comfort and ease of use. Piezo belt systems are available in adult to pediatric sizes.

Cadwell #	Sleepmate #	Ambu #	product	qty
302531-200- 0080	1310	813236-100	Piezo Buckle Kit, Adult/Ped, Double Buckle	1 set
302532-200- 0080	1312	813246-100	Piezo Loop Kit, Adult/Ped, Double Loop (2 Sizes band)	1 set
302530-200- 0080	1301	813213-100	Piezo Film Kit, Adult, Double Loop	1 set
302525-200- 0000	1350	813050-100	Velstretch Buckle Band	1
302524-200- 0400	1344	813013-100	Velstretch Band Kit, Adult	1 Kit
302528-200- 9080	1318	813206-121	Piezo Buckle Kit, Adult/Ped, Double Buckle, Alice 5	1 set
Cadwell #	Sleepmate #	Ambu #	Infant / Pediatric	qty
302526-200- 0232	1375	813065-100	Beltless Piezo Effort Sensor, Infant/Pediatric	1 set
302571-200- 0280	1325	813255-100	Piezo Sensor and Band, Infant/ Ped, Velcro Tab	1 set
302524-200- 0200	1346	813012-100	Velstretch Band Kit, Pediatric	1 Kit
302523-200- 0100	1343	813004-100	Velstretch Band, Infant 1 in Loop	1
302523-200- 0300	1342	813001-100	Velstretch Band, Small	1
302523-200- 0400	1341	813002-100	Velstretch Band, Medium 1.5 in Velcro	1
302523-200- 0500	1340	813003-100	Velstretch Band, Large 1.5 in Velcro	1
302529-200- 0080	1370	813220-100	Piezo Buckle Sensor, (Double Buckle)	1
302553-200- 0000	-	816400- 000/10	UARS Disposable	10pk
302552-200- 0000	-	814400- 100	Interface Cable for UARS Sensor	1
302550-200- 0000	-	814980-100	UARS Battery Kit	1 Kit



Piezo Double Buckle







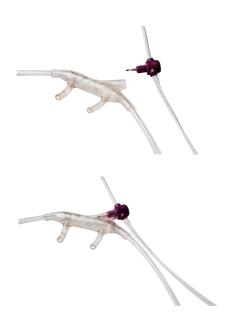
Beltless Effort



Velcro Tab

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PSG/HSAT - SLEEPMATE



Sleepmate[™] CannuTherm[®]

Detect both apnea and hypopnea with this integrated thermal and pressure sensor. The light, comfortable CannuTherm sensor enhances patient comfort and data accuracy, complying with AASM recommendations of using a thermal sensor to detect apnea as well as a pressure airflow sensor to detect hypopnea.

Cadwell #	Sleepmate #	Ambu #	product	qty
302534-200- 0080	1419	814310-100	CannuTherm Thermocouple Kit (1 Thermocouple Sensor + 5 Nasal Cannulas)	1 Kit
302537-200- 0080	1420	814930-100	CannuTherm Thermistor Kit (1 Sensor + 5 Nasal Cannulas)	1 Kit
302538-200- 1080	-	814930-108	CannuTherm Thermistor kit with Keyhole Connector (1 Sensor + 5 Nasal Cannulas)	1 Kit
302572-200- 0484	14878	814360- 000/25	CannuTherm Cannulas with Filters (case of 50)	50
302536-200- 0080	-	814840-100	CannuTherm Thermocouple Sensor (only)	1
302539-200- 1080	1431	814360-100	CannuTherm Thermistor Sensor (only)	1
203108-000	14870	814340-000	Luer to O2 Adapter	1

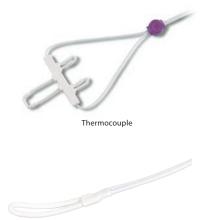


Cadwell Sleepmate[™] Thermal Airflow Sensors are designed with patient comfort and ease of use in mind. The sensors are compact and made from materials that make them easy to adjust to the patient. Sensors are available in reusable and disposable versions for adults, children, and infants.

Cadwell #	Sleepmate #	Ambu #	product	qty
302548-200- 0080	1401	814810-100	Thermocouple	1
302548-200- 0280	1406	814805-100	Thermocouple, Pediatric	1
302548-200- 1036	-	814860-100	Thermocouple, Airflow (36 in / 90 cm)	1
302549-200- 0080	1450	814900-100	Thermistor Kit, with Touch-proof	1 Kit
302549-200- 1080	1450-S	814940-100	Thermistor, with Keyhole compatible with Alice 6	1
302550-200- 0000	1450-B	814980-100	Thermistor Battery Module	1
302549-200- 9080	1462	814910-121	Thermistor - Alice 5	1
302564-200- 0400	-	814903-000	Disposable Thermistor Kit, Adult	1 Kit
302551-200- 0100	1428	814301- 000/20	Disposable Thermistor Sensors, Infant (20-pack)	20
302551-200- 0200	1427	814302- 000/20	Disposable Thermistor Sensors, Medium/Pediatric (20-pack)	20
302551-200- 0400	1426	814303- 000/20	Disposable Thermistor Sensors, Large/Adult (20-pack)	20
302552-200- 0000	-	814400-100	Interface Cable for Disposable Thermistor	1



Thermistor and Thermistor Battery Module



Thermocouple Pediatric



Pressure Transducer



Snore Microphone	Piezo Snore Microphone

Sleepmate™ Pressure Sensors

Cadwell Sleepmate[™] Pressure Sensors offer the smallest single channel sensor on the market.

Cadwell #	Sleepmate #	Ambu #	product	qty
302570- 200-0000	14800	814330-100	Pressure Transducer (snore and flow)	1 Kit
302570- 200-9000	14806	814300-121	Pressure Transducer (snore and flow), Alice 5	1 Kit
302544- 200-0484	14880	814310-071	Cannula, Adult Nasal, with Filter (case of 50)	50
302541- 200-0484	14860	814300-000/25	Cannula, Adult Nasal, without Filter (case of 25)	25
302542- 200-0484	14868	814300-000/50	Cannula Adult Nasal, without Filter (case of 50)	50
302545- 200-0484	14866	814320-000/50	Cannula Adult Oral/Nasal, with Filter (case of 50)	50
302543- 200-0484	14869	814310-000/50	Cannula Adult Oral/Nasal, without Filter (case of 50)	50

Sleepmate[™] Snore Microphones and Sensors

Cadwell Sleepmate Snoring Microphones and Sensors are high-quality, durable, and moisture-resistant sensors that produce clean and reliable signals of snoring.

Cadwell #	Sleepmate #	Ambu #	product	qty
302555-200-0080	1250	812200-000	Piezo Snore Sensor	1
302555-200-1024	-	812210-000	Piezo Snore Sensor (24 in / 60 cm)	1
302556-200-0080	1200	812500-000	Snore Microphone	1
302556-200-9080	1258	812500-019	Snore Microphone - Alice 3	1
302561-200-1078	-	-	Piezo Snore Sensor, keyhole connector	1
302563-200-1024	-	202790- 000/24	Snore Microphone, keyhole connector	1



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Additional Sleepmate[™] Accessories

Cadwell #	Sleepmate #	Ambu #	product	qty
302560-200- 0000	2310-24	818010- 000/24	Sleepmate Oximetry Sensor Tape	24pk

PSG/HSAT - DISPOSABLE/SEMI-REUSABLE







Disposable RIP Belt Systems

Disposable RIP Belt Systems are available in adult and pediatric sizes, and feature chest and abdomen buckles with pre-sized disposable belts. These systems are designed for compatibility with touch-proof connectors, and are AASM-compliant.

Cadwell #	product	qty
302575-200-1080	Adult Inductive Interface Buckle, Chest	1
302576-200-1080	Adult Inductive Interface Buckle, Abdomen	1
203129-000	Adult Disposable Inductive Belt, 120cm	pk/20
203130-000	Adult Disposable Inductive Belt, 150cm	pk/20
302577-200-1080	Adult Disposable Inductive Starter Kit	1 Kit
302578-200-1080	Child Inductive Interface Buckle, Chest	1
302579-200-1080	Child Inductive Interface Buckle, Abdomen	1
203131-000	Child Disposable Inductive Belt, 60cm	pk/20
302580-200-1080	Child Disposable Inductive Starter Kit	1 Kit

ThermoCan[™] Systems

ThermoCan Systems allow simultaneous monitoring of oral and nasal thermal airflow and nasal pressure. These systems are compatible with touch-proof connectors, and feature a lightweight design that enhances patient comfort. AASM compliant and Infection Control Friendly. EtCO₂ compatible cannulas available. Adult and pediatric versions available.

Cadwell #	product	qty
302585-200-0080	Adult ThermoCan [™] Interface Cable	1
203132-000	7 ft Adult ThermoCan™ Cannula	box/50
203133-000	7 ft Adult EtCO2 ThermoCan™ Cannula	box/25
302586-200-0080	Adult ThermoCan [™] Starter Kit (box/25)	1 Kit
302587-200-0080	Child ThermoCan [™] Interface Cable	1
203147-000	7 ft Child ThermoCan™ EtCO2,Cannula, dual lumen	box/25
203135-000	7 ft Child ThermoCan™ EtCO2 Cannula Small, dual lumen	box/25
203136-000	7 ft Child ThermoCan™ Cannula, single lumen	box/25
302584-200-0080	Child ThermoCan [™] Starter Kit (box/25)	1 Kit

Semi-Reusable Inductive Belt Systems

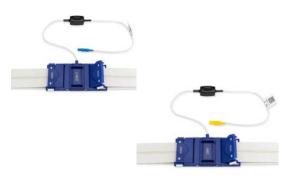
Semi-Reusable Inductive Belt Systems featuring soft, stretchy, comfortable material for added patient comfort. They typically have a lifespan of approximately 6 months or 70 uses, depending on usage. Available in multiple sizes from Child Small to Adult XXL. Sold in packs of 2. Compatible with touch-proof connectors.

Cadwell #	product	qty
203143-000	Inductive Interface Cable, Abdomen	1
203144-000	Inductive Interface Cable, Chest	1
203138-000	Semi-Reusable Inductive Belt, Child Small (2-pack)	2/pk
203139-000	Semi-Reusable Inductive Belt, Child Medium (2-pack)	2/pk
203140-000	Semi-Reusable Inductive Belt, Adult Large (2-pack)	2/pk
203141-000	Semi-Reusable Inductive Belt, Adult X-Large (2-pack)	2/pk
203142-000	Semi-Reusable Inductive Belt, Adult XXL (2-pack)	2/pk









Disposable RIP Belt System for ApneaTrak®

The Disposable RIP Belt System used with ApneaTrak HSAT features chest and abdomen buckles with pre-sized disposable belts. This system is compatible with key connectors. Please note: this system uses the disposable belts found in the Disposable RIP Belt Systems section on page 73.

Cadwell #	product	qty
302582-200-1018	Inductive Interface Buckle Chest, Adult, 90 cm, Key Connector	1
302581-200-1018	Inductive Interface Buckle Abdomen, Adult, 90 cm, Key Connector	1
302583-200-1018	Adult Disposable Inductive Starter Kit, ApneaTrak Compatible	1 Kit



ThermoCan[™] for ApneaTrak[®]

The ThermoCan system for ApneaTrak HSAT allows simultaneous monitoring of oral and nasal airflow and nasal pressure. This systems is compatible with key connectors, and features a lightweight design that enhances patient comfort. AASM compliant and Infection Control Friendly. Please note: this system uses the cannulas found in the ThermoCan Systems section on page 73.

Cadwell #	product	qty
302588-200-1036	Adult ThermoCan Interface Cable, 90 cm, Key Connector	1
203137-000	2 ft Adult ThermoCan Cannula	box/50
302589-200-1036	Adult ThermoCan Starter Kit, ApneaTrak Compatible (box/25)	1 Kit



Semi-Reusable Inductive Belt Systems for ApneaTrak®

Semi-Reusable Inductive Belt Systems for ApneaTrak HSAT are compatible with key connectors, and feature a belt with Velcro closure and an interface cable that snaps on with leads for the ApneaTrak system. The semi-reusable belts typically have a lifespan of 70 uses. Please note: this system uses the belts found in the Semi-Reusable Inductive Belt Systems section on page 73.

Cadwell #	product	qty
203145-000	Inductive Interface Cable Abdomen, 90 cm / Key Connector	1
203146-000	Inductive Interface Cable Chest, 90 cm / Key Connector	1

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PSG/HSAT - ALICE 6



SleepSense® Reusable Inductive Belt System (left), SleepSense® Semi-Reusable Inductive Belt System (right)

SleepSense® Reusable/Semi-Reusable Inductive Belt System

SleepSense® Reusable Inductive belts for Alice 6 systems are made with highquality, soft materials that are easy to clean and care for. These adult size belts are fully adjustable, and feature a buckle closure to keep the belt in place during sleep studies. Reusable cables and belts come with a 1-year warranty

Cadwell #	product	qty
203152-000	Adult Reusable Inductive System Kit with 2 Interface Cables and 2 Belts (Alice 6 Compatible)	1 Kit
203155-000	Adult Semi-Reusable System Kit with Interface Cable and Belts (Alice 6 Compatible) Kit Includes: + Universal Inductive Interface Cable / Alice 6 Compatible (Qty 2) + Semi-Reusable Inductive Belt – Adult Large (2/pk) + Semi-Reusable Inductive Belt – Adult X-Large (2/pk)	1 Kit
203153-000	Adult Reusable Inductive Belt (Alice 6 Compatible)	1 Belt
203154-000	Inductive Interface Cable* (Alice 6 Compatible)	1 Cable
203138-000	Semi-Reusable Inductive Belt Small (2/pk)	2 Belts
203139-000	Semi-Reusable Inductive Belt Medium (2/pk)	2 Belts
203140-000	Semi-Reusable Inductive Belt Large (2/pk)	2 Belts
203141-000	Semi-Reusable Inductive Belt X-Large (2/pk)	2 Belts
203142-000	Semi-Reusable Inductive Belt XXL (2/pk)	2 Belts

*The Inductive Interface Cable is used with both the reusable and semi-reusable belts.

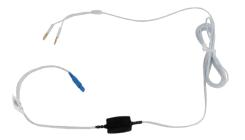
SleepSense® Disposable Inductive Belt System

The SleepSense® Disposable Inductive System features pre-cut disposable inductive belts available in adult and pediatric sizes, and reusable inductive interface buckles that securely hold belts in place during sleep studies. These disposable belts are AASM-compliant and easy to apply. Reusable inductive interface buckles come with a 1-year warranty.

Cadwell #	product	qty
203150-000	Adult Disposable Inductive System Kit with Interface Cable and Disposable Belts (Alice 6 Compatible). Kit Includes: 2 Reusable Buckles + 2 Integrated Cables + 20/pk of Disposable Belts (120 cm)	1 Kit
203151-000	Child Disposable Inductive System Kit with Interface Cable and Disposable Belts (Alice 6 Compatible) Kit Includes: 2 Reusable Buckles + 2 Integrated Interface Cables + 20/pk of Disposable Belts (60 cm)	1 Kit
203148-000	Adult Inductive Interface Buckle (Alice 6 Compatible)	1 Buckle
203149-000	Pediatric Inductive Interface Buckle (Alice 6 Compatible)	1 Buckle
203129-000	Adult Disposable Inductive Belt, 120 cm	20/pk
203130-000	Adult Disposable Inductive Belt, 150 cm	20/pk
203131-000	Child Disposable Inductive Belt, 60 cm	20/pk



SleepSense® Adult Disposable Inductive System Kit



SleepSense® Thermocan[™] System for In-Lab PSG

Monitor oral and nasal thermal airflow and nasal pressure simultaneously with the SleepSense® ThermoCan[™] System, the first and only pressure cannula designed with a built-in thermal airflow sensor. This system is AASM-compliant and infection control friendly, and it is available in adult and pediatric sizes. ThermoCan Interface Cables come with a 1-year warranty.

Cadwell #	product	qty
203156-000	Adult ThermoCan Interface Cable, Adult, 84 in (Alice 6 Compatible)	1 Cable
203157-000	Child ThermoCan Interface Cable, 84 in (Alice 6 Compatible)	1 Cable
203158-000	ThermoCan Female-to-Female Adapter, 5/pk (Alice 6 Compatible)	5/pk
203132-000	Adult ThermoCan Cannula, 84 in	50/Box
203133-000	Adult EtCO ₂ ThermoCan Cannula, 84 in	25/Box
203147-000	Child ThermoCan EtCO ₂ Cannula, Dual Lumen, 84 in	25/Box
203135-000	Small Child* ThermoCan EtCO2 Cannula, Dual Lumen, 84 in	25/Box
203136-000	Child ThermoCan Cannula, Single Lumen, 84 in /	25/Box

* Note: the Child size has slightly larger nares when compared with the Small Child. The Small Child size is best fit for children under 2-years-old. The Child size is best for children above ages 2-3 (for whom an adult cannula is still too large).

PSG/HSAT - PERFECTFIT BELTS







Disposable Effort Belt Straps 5-pack

PerfectFit[™] 3D PVDF Effort Belts & Sensors

The PerfectFit[™] 3D PVDF effort belt provides accurate measurement of respiratory effort and maintains polarity. Compatible with Easy III, Easy Ambulatory and ApneaTrak[®]. Compliant with AASM requirements for respiratory effort sensors for all ages.

Perfect Fit 3D Disposable Belts			
part #	product	size/length	qty
203071-000*	PerfectFit 3D Reusable Abdomen Effort Sensor, 1.5 mm touch-proof connectors	adult	1
203072-000*	PerfectFit 3D Reusable Chest Effort Sensor	adult	1
203074-000*	Disposable Effort Belt Straps	50 yards	5/pk

*Limited availability





Effort Belt Sensor and Chest Strap El Adult

Effort Belt Sensor and Abdomen Strap Adult

PerfectFit[™] 2 Belts & Sensors

PerfectFit[™] 2 Reusable Effort Belts use PVDF technology which responds to both strain and pressure. Compliant with AASM requirements for respiratory effort sensors for all ages.

part #	product	size/length	qty
202995-000	Effort Belt Kit: 2x sensors + 2x each 45 in & 60 in Straps	45 in, 60 in	2/pk
202998-000*	Effort Belt Chest Sensor	-	1
202999-000*	Effort Belt Abdomen Sensor	-	1

*Limited availability



PerfectFit[™] 2 Pediatric Belts & Sensors

PerfectFit[™] 2 Reusable Effort Belts use PVDF technology which responds to both strain and pressure. Compliant with AASM requirements for respiratory effort sensors for all ages.

part #	product	size/length	qty
202995-010*	Effort Belt Kit: 2x sensors + 2x each strap	15 in, 25 in, 35 in	1

*Limited availability

PSG/HSAT - FASTTRACK BELTS





Interface Cables

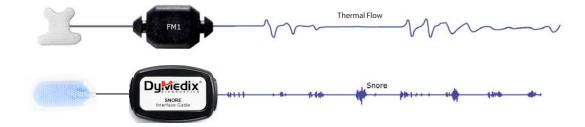
FastTrack[™] Disposable Effort Pack

Disposable respiratory effort system with cut-to-fit, button-hole sensor straps. No polarity reversal.

FastTrack Adult					
part #	product	qty			
203084-000-020*	Adult 20-pack	20/pk			
203084-000-040*	Adult 40-pack	40/pk			
203080-000*	Thoracic and Abdominal Interface Cables	2/pk			
FastTrack Pediatric					
part #	product	qty			
203080-000*	Thoracic and Abdominal Interface Cables	2/pk			

*Limited availability

PSG/HSAT - SNORE SENSORS

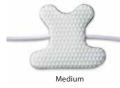


PVDF Airflow and Snore Sensors and Interface Cables for In-Lab PSG

Filtration Modules and sensors allow different filtering or output multiple channels from a single sensor.

part #	airflow interface	cables	qty
203026-000*	FM1	Thermal Replacement	1
203106-000*	AccuSnore	Snore Only	1

*Limited availability





AccuSnore

Airflow and Snore Sensors

These Sensors are used with a choice of different Filtration Module (FM) Interface Cables that provide users a variety of waveform options and combinations.

part #	size	qty
203027-000-010*	medium	10/pk
203061-000-010*	small	10/pk
203107-000-010*	AccuSnore	10/pk

*Limited availability

PSG - CANNULAS







Nasal Cannulas Thermisense[®] compatible

AirLife[®] Thermisense[®] Thermal and Nasal Pressure Sensors

Thermistor system for sleep studies. The cannula/holder allows the Thermisense thermistor to be optimally placed to accurately sense oral/ nasal thermal airflow changes and nasal pressure signal changes. The system contains an integrated circuit tester to check both the head box leads and thermistor for continuity. Eliminates signal problems before beginning the study and saves time. Cannulas are single patient use only. Three-month warranty.

part #	product	size/length	qty
202662-040	Adult Thermistor Kit 7 ft	adult	1
202662-020	Pediatric Thermistor Kit 7 ft	pediatric	1
202661-020	Thermal Sensor	pediatric	1
202661-040	Thermal Sensor	adult	1
202660-000	Thermistor Interface Box	-	1
202663-040-002	Nasal Cannula: Airflow	adult 0.6 m (2 ft)	25/box
202663-040-007	Nasal Cannula: Airflow	adult 2.1 m (7 ft)	25/box
202664-040-007	Cannula, Airflow, EtCO2	adult 2.1 m (7 ft)	25/box
202664-020-007	Cannula, Airflow, EtCO2	pediatric 2.1 m (7 ft)	25/box
202667-040-007	Oral/Nasal Cannulas	adult 2.1 m (7 ft)	25/box
202667-040-002	Oral/Nasal Cannulas	adult 0.6m (2 ft)	25/box
202669-000	Cannula Filters	-	25/box
202670-040-001	Nasal Cannula	adult 0.3 m (1 ft)	25/box



Thermisense[®] Thermal Airflow Sensor

PSG - PULSE OXIMETRY



Soft Tip Sensor



FlexiWrap Sensor





Oximeter Extender Cable

Disposable SpO2 Sensor





Pediatric FlexiWrap Sensor



Forehead Reflectance SpO2 Sensor



Forehead Reflectance SpO₂ Holder



Neonatal FlexiWrap Sensor







Infant FlexiWrap



Ear Clip Pulse Oximeter Sensor

Pulse Oximetry Sensors

Soft Tip sensors have a one-year warranty. FlexiWrap sensors come with a 25 pack of FlexiWrap adhesives and have a 90-day warranty.

part #	product	size / length	qty
202948-050-300	Soft Tip Sensor	large, 3 m (118 in)	1
202948-050-100	Soft Tip Sensor	large, 1 m (39 in)	1
202948-040-300	Soft Tip Sensor	medium, 3 m (118 in)	1
202948-040-100	Soft Tip Sensor	medium, 1 m (39 in)	1
202942-000-300	FlexiWrap Sensor	adult, 3 m (118 in)	1
202942-000-100	FlexiWrap Sensor	adult, 1 m (39 in)	1
202942-000-020	FlexiWrap Sensor	adult, 0.2 m (8 in)	1
202617-000	FlexiWrap Sensor	neonate	1
202949-000	Oximeter Extender Cable	3 m (118 in)	1
202941-030	Disposable SpO2 Sensors	adult, 1.2 m (47 in)	24/box
202940-020	Cloth Disposable Sensor	pediatric, 1 m (39 in)	24/box
202940-010	Cloth Disposable Sensor	infant 1 m (39 in)	24/box
202944-030-100	Pediatric FlexiWrap Sensor	pediatric, 1 m (39 in)	25/pk
203011-000	Forehead Reflectance SpO2 Holder	one-size	10 plastic caps
203012-000	Forehead Reflectance SpO2 Sensor	one-size	1
202948-030-300	FlexiWrap sensors / use with 203009-000 & 203010-000	small, 3 m (118 in) neonatal / infant	25/pk
202617-000	FlexiWrap sensor / use with 203009-000	neonatal / infant	25/pk
202945-000	Adult FlexiWrap	Adult	25/pk
203009-000	Neonatal FlexiWrap Sensor	neonate	25/pk
203009-010	Infant FlexiWrap	infant / pediatric	25/pk
203010-000	Ear Clip Pulse Oximeter Sensor	one-size	1
198232-200	Xpod Pulse Oximeter	one-size	1



Adult FlexiWrap



Xpod Pulse Oximeter

SNAP LEADS & ELECTRODES



The Ambu BlueSensor features highly conductive wet gel, offset connectors, and superior adhesion, to ensure an optimal signal during stress tests and monitoring applications.

part #	product	Backing Material	size/length	qty
202330-000	BlueSensor, Large, Wet Gel, 48 mm	Foam	48 mm	50 Packs of 10
202331-000	BlueSensor, Large, Wet Gel, 48 mm	Foam	48 mm	20 Packs of 25
202332-000	BlueSensor, Medium, Wet Gel, 38 mm	Foam	38 mm	100 Packs of 10

Ambu WhiteSensor Snap Electrodes

The Ambu WhiteSensor features a wet gel and solid gel options with good adhesion to ensure a good signal quality during short-term ECG monitoring applications. Thanks to the flexible backing materials, the electrode ensures ease of use and comfort during application.

part #	product	Backing Material	size/length	qty
202339-000	WhiteSensor, Radiolucent	Foam	50 mm	10 Packs of 30
202340-000	WhiteSensor, Wet Gel	Foam	50 mm	5 Packs of 60
202341-000	WhiteSensor, LTM Electrode, Radiolucent, Solid Gel	Cloth	50 mm	40 Packs of 30
202342-000	WhiteSensor, LTM Electrode, Radiolucent	Cloth	55 mm	10 Packs of 30
202343-000	WhiteSensor, Center Snap	Foam	36 x 40 mm	200/Box Packs of 3
202344-000	WhiteSensor, Center Snap	Foam	36 x 40 mm	120/Box Packs of 5
202345-000	WhiteSensor, Center Snap, Radiolucent	Foam	36 x 40 mm	200/Box Packs of 3
202346-000	WhiteSensor, Leaf-Shaped	Foam	37.5 x 37.5 mm	10/Box Packs of 60
202347-000	WhiteSensor, Leaf-Shaped, Wet Gel, Radiolucent	Clear Tape	42 x 42 mm	200/Box Packs of 3
202348-000	WhiteSensor, Leaf-Shaped, Wet Gel, Radiolucent	Clear Tape	42 x 42 mm	150/Box Packs of 5
202349-000	WhiteSensor, Wet Gel	Foam	32 x 44 mm	5 /Box Packs of 60



202330-000

202331-000

202332-000





202340-000



202341-000

202344-000



202339-000



202342-000



202346-000





202345-000

202348-000





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SNAP LEADS & ELECTRODES



Black Twist Patch Electrodes



Color-Coded Patch Electrodes

Cadwell[®] Snap Connector Lead Wires

Color-coded lead wires with snaps are designed for use with the BraiNet* electrode template system and the Cadwell color-coded input boxes.

part #	lead wire	snap connector	len	gth	qty
302696-200	clear	red	1.52 m	60 in	1
302697-200	clear	black	1.52 m	60 in	1
302698-200	clear	red	3.05 m	120 in	1
302699-200	clear	black	3.05 m	120 in	1
302312-200	white twist	color-coded	1.22 m	48 in	5/pk
302313-200	black twist	color-coded	1.22 m	48 in	5/pk
302300-200-024	color-coded	-	0.61 m	24 in	11/pk
302300-200-060	color-coded	-	1.52 m	60 in	4/pk



Offset Wet Gel Patch

Snap Patch Electrodes

Disposable patch electrodes are available in oval and offset designs. The oval patch with adhesive solid gel is ideal for PSG studies for leg movement or ECG data. The wet gel patch with offset snap fits well around the eyes and on the chin. Single patient use only.

part #	size	qty
302701-000	Oval Patch, 40x36 mm	3/pk
202387-000	Offset	1 box (40 packs of 25)



202333-000



202335-000



202337-000



202334-000



202336-000



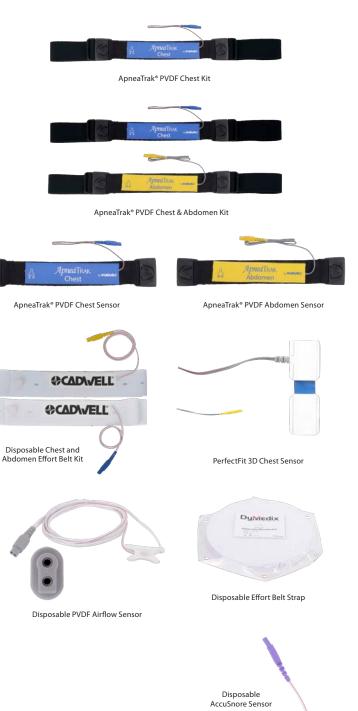
202338-000

Ambu Neuroline Electrodes with Lead Wire

Ambu Neuroline is a self-adhesive electrode featuring a highly conductive wet or solid gel for an instant signal with optimum signal quality. The strong yet skin-friendly adhesive makes the electrode ideal for sleep registration, as the electrode stays in place during the entire examination, even if the patient sweats.

part #	product	Backing Material	size/length	qty
202333-000	Wet Gel, Oval	Foam	22 x 30 mm pad w/ 10 cm lead	20/Box Packs of 12
202334-000	Wet Gel, Oval	Foam	22 x 30 mm pad w/ 150 cm lead	42/Box Packs of 10
202335-000	Wet Gel, Oval	Foam	22 x 30 mm pad w/ 150 cm color- coded lead	40/Box Packs of 12
202336-000	Wet Gel, Oval	Foam	22 x 30 mm pad w/ 200 cm color- coded lead	40/Box Packs of 12
202337-000	Solid Gel, Oval	Cloth	22 x 30 mm pad w/ 120 cm lead	10/Box Packs of 12
202338-000	Solid Gel, Oval	Cloth	22 x 30 mm pad w/ 200 cm lead	10/Box Packs of 12

HSAT - APNEATRAK



part #	product	qty
203093-000	ApneaTrak® PVDF Chest Kit (Includes Sensor and Strap) (Anatomical Marker)	1
	ApneaTrak® PVDF Chest and Abdomen Kit	
203094-000	(Includes Sensor and Strap) (Anatomical Marker)	1 Kit
203095-000	ApneaTrak [®] PVDF Chest Sensor (Anatomical Marker)	1
203096-000	ApneaTrak® PVDF Abdomen Sensor (Anatomical Marker)	1
203006-050	ApneaTrak® PVDF Strap 45 in	2/pk
203006-060	ApneaTrak® PVDF Strap 60 in	2/pk
203006-070	ApneaTrak® PVDF Strap 75 in	2/pk
203075-000	PerfectFit 3D Kit	1 Kit
203076-000	PerfectFit 3D Chest Sensor	1
203077-000	Perfect fit 3D Abdomen Sensor	1
203073-000	Disposable Effort Belt PerfectFit 3D 50 yd Strap	1 Roll
203074-000	50 yd Strap 5 pk	5 rolls/box
203085-000	Disposable Chest Effort Belt	1
203085-000-010	Disposable Chest Effort Belt 10 pack	10/pack
203085-000-050	Disposable Chest Effort Belt 50 pack	50/pack
203086-000	Disposable Chest and Abdomen Effort Belt Kit	1 Kit
203086-000-010	Disposable Chest and Abdomen Effort Belt Kit 10 pack	10 kits/box
203086-000-050	Disposable Chest and Abdomen Effort Belt Kit 50 pack	50 kits/box
203087-000	Disposable PVDF Airflow Sensor	1
203087-000-010	Disposable PVDF Airflow Sensor 10 pack	10/pk
203087-000-050	Disposable PVDF Airflow Sensor 50 pack	50/pk
203088-000	Disposable AccuSnore Sensor	1
203088-000-010	Disposable AccuSnore Sensor 10 pack	10/pk
203088-000-050	Disposable AccuSnore Sensor 50 pack	50/pk
203093-000	Chest Kit	1 Kit
203094-000	Chest + Abdomen Kit	1 Kit
203095-000	Adult Effort Belt Sensor, Chest	1
203096-000	Adult Effort Belt Sensor, Abdomen	1

ApneaTrak[®] Accessories (Generation 2)

HSAT - APNEATRAK



ApneaTrak[®] Accessories (Generation 2)

part #	product	qty
302026-000	Disposable HSAT Core Kit	1 Kit
302027-000	Disposable HSAT Legacy Kit	1 Kit
198272-000	ApneaTrak Hard Case	1
286113-000	USB-C Cable (6 ft)	1
286133-000	USB-C Cable (3 ft)	1
336253-000	Hand Removable Cover	1
336278-000	Locking Cover	1
336255-000	Belt Clip	1
202363-000	3M [®] Micropore Tape (Kind Removal)	12 rolls/box
304001-000	Reusable SpO2 Sensor	1
304002-000	Disposable SpO2 Sensor	24/box
202941-030	Disposable SpO2 Sensor 1.2 m	24/box
202942-000-100	Nonin® Adult SpO2 Flex Wrap Sensor 1 m (39 in)	1
202945-000	Nonin [®] Adult Flex Wraps	25/pk
198224-000	Wristband	1
202670-040-001	Adult Nasal Cannula (1 ft)	25/box
202663-040-002	Adult Nasal Cannula (Airflow) (2 ft)	25/box
202662-030	Adult Thermisense Airflow Sensor Kit	1
202668-000	Pediatric Thermisense Airflow Sensor Kit	1
302563-200-1024	Snore Microphone	1
203104-200	Reusable ExG 6 Gold Cup 36 in Cable	1
302521-200-0400	Adult RIPmate Effort Belt	1
202449-200-010	Keyhole to touch-proof lead for Thoracic RIP belt (blue)	1
202448-200-020	Keyhole to touch-proof lead for Abdominal RIP belt (yellow)	1



Snore Microphone

Reusable EXG 6 Gold Cup



 \bigcirc



Adult RIPmate Effort Belt

Keyhole to touch-proof lead (blue) Keyhole to touch-proof lead (yellow)



EasyNet® Cable Tester

Cadwell® EasyNet® Cables and Cable Tester

For use with the Cadwell Easy® Ambulatory and Easy III recording and playback system. Color-coded lengths.

part #	cable color	len	gth	qty
199236-200-010	yellow	0.25 m	10 in	1
199236-200-040	red	1.01 m	40 in	1
199236-200-070	white	1.77 m	70 in	1
199236-200-180	black	4.57 m	180 in	1
part #	Eas	yNet accesso	ories	qty
part # 190219-200		syNet accesso yNet® cable te		qty 1
	Eas		ester ecorder	qty 1 1

Cadwell[®] EasyNet[®] Modules

For use with Easy[®] Ambulatory and Easy III. Use the 6-port hub to utilize even more EasyNet® Modules. Use the Multi-Purpose Module to collect EKG, airflow, respiratory effort, and snoring signals.

part #	product	qty
190208-200	Limb Movement Module	1
190210-200	Body Position Module	1
190207-200	Nasal Pressure Module	1
190211-200	SpO2 Oximeter Module	1
190214-200	6-port Hub	1
190212-200	Multi-Purpose Module	1

Cadwell® Easy® III PSG Software Keyboard Shortcuts Card

Use this quick reference keyboard shortcuts card toeasily and more efficiently operate the Cadwell Easy III PSG Software.

part #	product	qty
369031-626	Keyboard Shortcut card - Easy III	1



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EASY III EEG & PSG





'D' cell batter and recorder holder

Recorder case and waist belt





EasyNet® Pouch and Easy Ambulatory Modules

Amplifier and Amplifier Pouch

Cadwell® Recorder Cases and Waist Belts

For use with the Cadwell Arc Alterna and Easy Ambulatory recording and playback system. D batteries sold separately. Recorder and amplifier sold separately.

part #	product	qty
198184-000	Recorder case	1
198181-000-040	Small waist belt 102 cm (40 in)	1
198181-000-060	Large waist belt 152 cm (60 in)	1
197199-200	'D' cell battery and recorder holder	1
198183-000	Easy® Ambulatory Amplifier Pouch	1
197200-200	Recorder battery cable, gray	1
198215-000	EasyNet® Pouch	1
202580-000	Backpack	1

Cadwell® Easy® Ambulatory Accessories

part #	product	qty
197220-200	Patient instruction booklet	15/pk
020001-000	Allen wrench (recorder compact flash door)	1



Cadwell® Ambulatory Harness

Secure the ambulatory amplifier to the patient. **Replaces the Chest, Limb and Shoulder Straps.*

part #	size	qty
198227-000-035	small	1
198227-000-055	medium	1
198227-000-075	large	1

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Easy® Remote Input Box

Protect your amplifier and increase patient comfort with the Easy 10-20 Remote Input Box. Compatible with Easy III and Easy II amplifiers.

part #	product	qty
190256-200	PSG 10-20 pattern	1
190249-200	EEG 10-20 pattern	1
199216-000	10 ft cable	1
199216-000-020	20 ft cable	1
199216-000-030	30 ft cable	1
067002-000	Replacement Lanyard	1
067015-000	Wipeable Lanyard (42 in)	1

EEG Impedance Test Array for Easy® III Amplifier

Test Array fixture used with the Easy® III EEG amplifier.

part #	qty
360050-200	1

Easy[®] III Amplifier Wall Bracket

Use to mount the Easy III amplifier to the wall.

part #	qty
334760-000	1

Easy® III Photic Stimulator

The Easy III Photic Stimulator has a flash rate of 1-60Hz. The cable connects the photic to either the amplifier or the power/com module, and comes in two lengths.

part #	product	qty
190228-200	Easy III Photic	1
362036-000	Cable 2 m (6.5 ft)	1
362037-000	Cable 4 m (13 ft)	1

PSG - ACCESSORIES



Cadwell® Power/Com Module

Power/Com connects Easy[®] III PSG amplifiers to the computer via standard 10BASE-T Ethernet communication cable and provides power via AC power cable (sold separately).

part #	product	lenç m	gth ft	qty
190245-200	Power/Com Module	-	-	1
362038-000	Amp cable	2	6	1
362039-000	Amp cable	4	13	1
286114-000	AC power cable	3	9.75	1
286050-000	10BASE-T cable	2	6.5	1



Louroe Intercom System

part #	product	qty
197248-200-025	Intercom w/25 ft Cable	1
197248-200-050	Intercom w/50 ft Cable	1
197248-200-075	Intercom w/75 ft Cable	1
197248-200-100	Intercom w/100 ft Cable	1
197248-200-200	Intercom w/200 ft Cable	1
197248-200-300	Intercom w/300 ft Cable	1
197249-200	Intercom Accessory Kit	1



Speaker & Audio Mixers

part #	product	qty
198160-000	Audio Mixer, Shure SCM268	1
291053-000	Microphone, Low Omni Direct	1
291054-000	MXL AC-404 Microphone	1

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Nonin® RespSense[™] Tabletop EtCO₂ Monitor Accessories

The RespSense[™] monitor features MedAir[™] EtCO₂ technology for continuous long-term monitoring. It is simple and easy-to-use for EtCO₂ spot-checks as well as ET-tube placement verification. Portable, accurate, and cost-effective, RespSense[™] is ideal for emergency services and ambulance use, or in clinical settings where fast, easy EtCO₂ monitoring is required. *ONLY ACCESSORIES AVAILABLE. DEVICE NO LONGER SOLD.*

part #	product	qty
199259-000	DC Input Adapter Cable, Nonin: Easy III	1
202630-000	Moisture Trap	1



Restech pH Measurement System and Accessories

The Dx-pH Measurement System monitors pH in the airway, assisting the sleep physician in determining the relationship between Laryngopharyngeal Reflux and various conditions including, recurrent Laryngitis, chronic cough, Sinusitis, Asthma, sleep disordered breathing and Chronic Obstructive Pulmonary Disease.

The pH Measurement system includes recorder, transmitter, calibration stand, 2 SD memory cards, SD memory card reader, recorder carrying case, 2 transmitter carrying cases, 4 "AA" alkaline batteries, 10 coin cell batteries, special tool and software.

The pH Sleep Cadwell Adapter is needed for Cadwell systems. It connects the Restech recorder to the DC input on the amplifier.

part #	product	qty
202263-000*	pH Measurement System	1
202264-000*	pH Sleep Cadwell Adapter	1
245014-000-PK20*	3-Volt Coin Cell Batteries	20/pk

*Special order requires lead time.

PSG - ACCESSORIES



SenTec Digital Transcutaneous CO₂ Monitor

This bedside monitor has an integrated calibration chamber for virtually all situations where continuous ventilation and oxygenation monitoring matter. It allows continuous monitoring of pCO₂ levels to assess nocturnal hypoventilation and assist with titration of noninvasive ventilation.

part #	product	qty
9600201*	Monitor with sensor, and analog output cable	1

*Special order requires lead time.

SenTec Sensor



PREP SUPPLIES

Prep Supplies

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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.

part #	Lei	ngth	color	qty
202161-000	Side 1: 60 in	Side 2: 150 cm	varies	1

Conductivity Gels

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

part # product		qty
202153-000	Spectra tube 250 ml (8.45 fl oz)	1 tube
202141-000	Aquasonic 250 ml (8.45 fl oz)	1 tube
202140-000	Aquasonic Pouches 20 g	48/box

Ten20® Conductive Paste

Water-soluble, odor-free paste for EP and EEG testing maintains its consistency at warm temperatures. Sold in packs of three.

part #	product	qty
202154-000	Tube 114 ml (4 fl oz)	3/pk
202155-000	Jar 114 ml (4 fl oz)	3/pk
202156-000	Jar 228 ml (8 fl oz)	3/pk
202151-000	Single Cup (15 g per cup)	24/Box





NuPrep™

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

part #	product	qty
202159-000	114 ml. (4 fl. oz.)	3/pk tubes
202186-000	25 ml. (1 fl. oz.)	6/pk tubes
202185-000	9grams per single-use cup	24/pk cups

Adhesive Gel/Cream

part #	product	qty
202142-000	Tensive adhesive gel	1
202182-000	SAC2 adhesive cream	10/pk



PREP SUPPLIES







Alcohol Pads

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

part #	qty
202165-000	200/box

Examination Gloves

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

part #	product	size	qty
202753-000	Aloetouch® 3G	small	100/box
202754-000		medium	100/box
202755-000		large	100/box

Cotton Tipped Applicators

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

part #	qty
202163-000	1,000/box





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.

part #	product	qty
202197-000	Super Sani Wipes	1 tub
202198-000	Sani Bleach	1 tub

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.

part #	product	size	qty
202052-000	20-syringe container	0.95 L (1 qt)	1
202059-000	180-syringe container	3.8 L (1 gal)	1

Grease Pencil (China Marker)

Grease pencils. 12 per box.

part #	product	qty
202711-000	red	12/box
202712-000	blue	12/box

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.

part #	qty
202734-000	1



PHAND CHINA MARKER 60 Blue / Bleu

Devon Skin Marker

3M[™] Transpore[™] Tape

Hypoallergenic 3M[™] Transpore tape comes in a 9 m (10 yard) roll. Available in 2.5 cm (1 in) and 5 cm (2 in) rolls.

part #	size	qty
202360-000	2.5 cm x 9 m (1 in x 10 yards)	12 rolls/box
202361-000	5 cm x 9 m (2 in x 10 yards)	6 rolls/box



3M[™] Micropore[™] Tape (Kind Removal)

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.

part #	size	qty
202363-000	2.5 cm x 9 m, 1 in x 10 yards	12/box



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.

part #	size	qty
202174-000-002	2 in x 2 yards	1
202174-000-010	2 in x 10 yards	1

PREP SUPPLIES











Surgilast[®] Electrode Lead Wire Stockinettes

Latex-free tubular elastic dressing retainers. Woven stockinettes capture and contain electrode lead wires to prevent entanglement. 25 yards each.

part #	size	qty
202169-000	small	1
202170-000	medium	1
202171-000	large	1

Elastomull[®] Bandage

Gauze, 4 in x 4.1 yds. Non-sterile. 12 rolls per pack.

part #	qty
202173-000	1

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 5 yds.

part #	qty
202172-000	1

Gauze Sponges

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

part #	type	qty
202164-000	sterile	2 pks of 50
202162-000	non-sterile	200/pk

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.

part #	product	qty
056040-000	Color-coded Velcro [®] straps	5/pk
342193-000	3M [®] adhesive foot	1



VIDEO/POWER/STORAGE/ACCESSORIES

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VIDEO + DATA



PTZ (Pan-Tilt-Zoom) Camera

Camera hardware and accessories get updated frequently. Call Cadwell for the latest models at (800) 245-3001.



Logitech[®] c920 HD Pro Webcam

Camera hardware and accessories get updated frequently. Call Cadwell for the latest models at (800) 245-3001.

Bullet Camera with built-in Infrared Illuminator

Camera hardware and accessories get updated frequently. Call Cadwell for the latest models at (800) 245-3001.

part #	product	qty
9800015	Color Camera with Infrared (Wall mount)	1
9606009	Color Camera with Infrared and Arm	1



Logitech[®] PTZ Pro 2

Camera hardware and accessories get updated frequently. Call Cadwell for the latest models at (800) 245-3001.

part #	product	qty
198230-000	Lightweight PTZ Pro Camera	1



StarTech Adapter

Tripp-Lite Adapter

USB-Ethernet Adapters

Add an Ethernet port connection to your computer. USB 3.0.

part #	product	qty
286098-000	StarTech Ethernet Adapter	1
290158-000	Tripp-Lite Ethernet Adapter	1

VIDEO + DATA



Raytec POE (Power Over Ethernet) Illuminator

Infrared illuminator with wide angle (120 degrees) 850nm powered by PoE (power over ethernet).

part #	Description	qty
198274-200	IR Illuminator, 850nm PoE, 120 Deg	1
229053-000	60W PoE Supply, Dual Port	1
111230-000	PoE Supply Bracket (compatible with Pole cart, T2, Narrow & Wide Trolley carts)	1
286105-000	Hospital Power Grade Cord	1

Panasonic Camera and RayTech IR (Infrared) Mounting Kit

Mounting solution kit for Panasonic Camera and RayTech IR devices. *Camera and IR sold seperately*

part #	Description
197310-200	Camera and IR Bracket with Mounting Kit - Includes the camera bracket, IR and IR bracket, mounting hardware, connection diagram, and PoE Bracket (compatible with the Pole Cart, T2, Narrow & Wide Trolly carts)
197311-200	Camera and IR Bracket with Mounting Kit - Includes the camera bracket, IR and IR bracket, mounting hardware, connection diagram, dual monitor mount and PoE Bracket (compatible with the T2 , Narrow & Wide Trolly carts)
286105-000	Hospital Power Grade Cord

Sima Mini Table Top Tripod

Use with standard camera screw connector.

part #	qty
198209-000	1

USB Hubs

USB 3.0 Hubs to accommodate multiple USB-A cables.

part #	Description	PC connection	qty
290178-000	4-port Hub	USB-C	1
290173-000	7-port Hub	USB-A	1
290174-000	13-port Hub	USB-A	1
286139-000	USB B-C Cable, 13 ft	Enables USB-C PC connection for 7- or 13-port Hubs	1

4 GB Compact Flash Drive (For use with Easy® Ambulatory System)

part #	product	qty
290144-000	Compact flash drive, 4 GB (for use with Easy® Ambulatory)	1









USB 3.0 Hub, 4-port







USB 3.0 Hub, 13-port



USB B-C Cable

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POWER SUPPLIES



Tripp-Lite Lithium UPS (Uninterruptible Power Supply)

This UPS with lithium batteries and four outlets is ideal for mobile monitoring situations. With a 500W load, the UPS alarms at 23 minutes and shuts down at 26 minutes. With an EMG/EEG system, it alarms at 58 minutes and shuts down at 60 minutes. Ground shipping only.

part #	Description	qty
9010006	UPS	1
286079-000	Standard Power Cord	1



600VA 120V/230V Switchable Six-Plug Isolation Transformer with Cables

Isolation transformers provide a convenient method for powering multiple items on a single cart and protection from electrical current leakage in the patient environment. All items plug into the transformer and the transformer plugs into the AC outlet. Extra shipping charges will be applied.

part #	Description	qty
232060-000	ISO Device	1
113015-200	ISO Transformer Kit 120V with bracket, power cords and mounting hardware - used on the EMG cart, C1 and C2 carts	1
113016-200	ISO Transformer Kit 230V with bracket, power cords and mounting hardware - used on the EMG cart, C1 and C2 carts	1

Power Supply Options

part #	product	qty
291265-000	Tripp-Lite Medical Grade Power Strip 120V, 6 outlet (15A each), 15 ft cord	1
9010010	Tripp-Lite Power Strip Mounting Kit (Fuzion cart only)	1
286079-000	15 ft Power Cord	1
286035-000	Power supply cord, 7 ft 6 in	1
286034-000	Power supply cord, 3 ft 3 in	1
286114-000	Power cord, 3 Conductor Hospital Grade	1
286078-000-008	Adapter, Power IEC 320 to NEMA, 8 in	1
286078-000-036	Adapter, Power IEC 320 to NEMA, 36 in	1



6-outlet

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ARMS AND ACCESSORIES





Mini PC Slide Mount, side





Apollo/Apollo+ Slide Mount, 64ch Bracket



Accessory Bag



Device Arm Mounting Accessories

part #	Flexible Arms	qty
197261-200	Arc Photic Stimulator Arm	1
197267-200	Arc Essentia Amplifier Arm	1



Device Rail/Slide Mounting Accessories

part #	product	qty
339100-000	IOMAX [®] Rail Mount Hanger	1
199339-200	IOMAX [®] Rail Mount Hanger - Insulated	1
198187-000	Accessory Bag	1
113001-200	Mini PC Slide Mount	1
113007-200	Apollo/Apollo+ Slide Mount, 32ch only	1
113027-200	Apollo/Apollo+ Slide Mount, 64ch only	1

ARMS AND ACCESSORIES





C-Clamp Arm Mount for Carts





Sierra Summit Amp, StimTroller, and Needle Holder Arm (3-12 ch)



Sierra Summit Amp, StimTroller, and Needle Holder Arm (2 ch)

part #	Articulating Arms	qty
197266-200	Easy III Large Amplifier Arm (86 or 150 ch)	1
197251-200	Sierra Summit Amp, StimTroller, and Needle Holder Arm (3-12 ch)	1
9600019	StimTroller Replacement Bracket Kit (3-12 ch)	1
197247-200	Sierra Summit Amp, StimTroller, and Needle Holder Arm (2 ch)	1
9600018	StimTroller Replacement Bracket Kit (2 ch)	1
197172-200	Cascade/Pro Amplifier Arm	1
197264-200	Arc Essentia Amplifier Arm	1
197260-200	Arc Photic Stimulator Arm	1
197294-200	Arc Apollo/Apollo+ Articulating Arm Bracket (32 ch)	1
197324-200	Arc Apollo+ Articulating Arm Bracket (64 ch)	1
190224-252	Easy III Amplifier Arm	1
190228-251	Easy III Photic Stimulator Arm	1
199271-200	Grounding wire for Articulating Arm	1
334919-000	C-Clamp Arm Mount for Carts	1

Device Mounting Arms







Arc Essentia Amplifier Arm

Easy III Amplifier Arm



Easy III Photic Stimulator Arm



Arc Photic Stimulator Arm

ARMS AND ACCESSORIES



Pivot Mounts

part #	Pivot Arms	qty
113005-200	Arc Apollo/Apollo+ Pivot Ball Mount Bracket	1



Arc Apollo/Apollo+ Mount Bracket for IV Poles



Articulating Arm Mount



part #	C-Clamps	qty
113004-200	Arc Apollo/Apollo+ Mount Bracket for IV Poles	1
199311-200	Articulating Arm Mount	1



Wall Mounts

part #	Wall-Mounts	qty
113006-200	Arc Apollo/Apollo+ Wall Mount Bracket	1

CASES & ACCESSORIES



Cadwell[®] Equipment Cases for Sierra Summit and Cascade PRO[™]

Soft-sided carry-on sized cases with retractable handles and internal compartments. Compatible with Sierra Summit and Cascade PRO[™] systems. HxWxD: 56 x 38 x 23 cm (22 x 15 x 9 in).

	part #	product	qty
Α	198203-000	Carry Case	1
В	198204-000	Wheeled Case	1



Cadwell® Computer and Accessories Bags

	part #	product	qty
A	198201-000	Soft-sided laptop computer case	1
В	198202-000	Duffle bag for accessories and cables	1



Durable Wheeled Travel Case

This travel case is carry-on sized and constructed with waterproof and wipeable materials. Featuring a collapsible handle and a TSA-approved combination lock, the case is designed to be carried or wheeled.

part #	product	qty
198240-000	Durable Wheeled Travel Case	1

Printers

part #	product	qty
291268-000	Printer, LaserJet	1
291091-000	Printer, DeskJet	1

Please call for
current printer options







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Arc Apollo+/Essentia Configuration 112011-200



Minimize the cart footprint in the EEG lab, ICU, OR, or EMU when using the Arc Apollo+/ Arc Essentia or the Easy III EEG systems.

Arc Apollo+/Essentia Cart Kit: 112011-200

Includes the following items: All items in 111131-000 cart kit, with new 358012-200 telescoping camera pole. New bracket options also available for the Arc Essentia and the Arc Apollo+ 32ch and 64ch amplifiers.

Easy III Cart Kit: 111131-000

Includes the following items: wheel base, cart column, keyboard tray and right & left mouse shelf, the monitor mount, (1) basket and (1) CPU holder for a small form factor computer or Isolation transformer. Additional brackets and accessories can be purchased.

Arc Apollo+/Essentia Cart Kit & Accessories

part #	product
112011-200	EEG-ONLY Pole Cart - additional brackets required specific to the system being ordered - Call for a quote.
111133-000	Mount, CPU, 3.0 in to 4.5 in - used with a small form factor computer or an isolation transformer
111154-000	CPU Mount, Pole Cart, 7.0 in to 9.5 in - used to hold a UPS or large CPU
197260-200	Arc Photic Stimulator Articulating Arm
358012-200	Telescoping PTZ Camera Pole

Easy III Cart Kit & Accessories

part #	product
111131-000	EEG/Sleep Pole Cart - additional brackets required specific to the system being ordered - Call for a quote.
111132-000	Additional Utility Basket 3.5 in deep
111133-000	Mount, CPU, 3.0 in to 4.5 in - used with a small form factor computer or an isolation transformer
111154-000	CPU Mount, Pole Cart, 7.0 in to 9.5 in - used to hold a UPS or large CPU
190224-252	Easy III Amplifier Articulating Arm
190228-251	Easy III Photic Stimulator Articulating Arm
197243-200	Arm Mounting Bracket



A3 CART 0:11 EBE 11111 mn

Arc Apollo+ Configuration with Small Form Factor PC and dual-stacked monitors

Arc Apollo+ Configuration with AIO (All-In-One) PC

The A3 Cart is a lightweight, versatile mobile workstation that is designed to work with Cadwell's Arc EEG equipment and accessories. The Arc EEG systems compatible with the A3 cart are the Zenith, Apollo+ 64, Apollo+ 32 and Essentia systems. This cart is engineered to optimize space without sacrificing functionality. The A3 Cart standard configuration can accommodate a computer and monitor (sold separately), tilt and swivel monitor mount, slide-out keyboard and mouse trays, lower bin, work surface, rear handle, rear wire basket with cable hooks, Isolation Transformer or Uninterruptible Power Supply (UPS), and work surface with a removable supply drawer.

A3 Cart Features

- Height adjustment for user comfort while sitting or standing
- Lightweight 64 in / 163 cm column and base for ease of maneuverability
- Small footprint for space-constrained environments without compromising stability
- Configured with a single or dual monitor mount
- Optimal storage space
- Easy access to cables and devices

part #	product
-	A3 Cart
9606006	HD Camera / IR Kit for A3 Cart
111187-000	Supply Drawer with worksurface
111188-000	Removable Supply Drawer - allows your team to each have a supply bin that is easy to insert and remove from the cart that has the 111187-000 Supply drawer with work surface
113001-200	Mini PC Bracket
197321-200	Kit, Essentia Amp, A3 Cart
197322-200	Apollo+ 32ch Amp, A3 Cart - KIT
197323-200	Apollo+ 64ch Amp, A3 Cart - KIT (Includes Bracket and mounting hardware and USB-A to USB-C Apollo+ cable)
197325-200	Dual Zenith Amps (2), A3 Cart - KIT (Includes Bracket and mounting hardware)
334914-000	Upgraded Camera/IR Bracket Now compatible with Panasonic and Sony PTZ camera/IR systems. Comes standard w/new A3 cart purchase.

A3 CART

EEG WALL MOUNT





EEG WALL MOUNT

The EEG wall mount solution for the Arc Essentia, Arc Apollo+, and Arc Zenith is designed to optimize space in the patient room by mounting a fixed EEG workstation to the wall in the room. There are three computer options to choose from: small form factor, mini PC and the All in One. The wall mount kit includes an easy to adjust monitor bracket and keyboard tray with a right and left side mouse shelf, the CPU bracket and the Isolation Transformer bracket.

part #	product
call for part #	Wall Mount System - includes(1) CPU mount for the isolation transformer, wall channel, Ergonomic height adjustable monitor bracket and keyboard assembly, monitor handles, mouse pad, required power cords, mounting hardware and instructions.
111133-000	Mount, CPU, 3.0 in to 4.5 in - used with a small form factor computer or an isolation transformer
111165-000	Mount, CPU 1.5 in to 3.0 in
334837-000	Essentia Amplifier Wall Mount
113001-200	Mini PC Slide Mount
113006-200	Apollo Wall Mount
115000-200	(holds one Apollo+ 32ch amp plus one Recorder)
113007-200	Apollo Slide Mount (GCX Cart)
113007-200	(holds one Apollo+ 32ch amp plus one Recorder)
	Dual Device Wall Mount
113021-200	(holds one Apollo+ 64ch amp plus one Recorder OR two Zenith amplifiers)
113022-200	Base Module Backet





Dual Device Wall Mount Bracket: Compatible with Arc Apollo+® Devices or Dual Arc Zenith™ Devices



FUZION CART

Cadwell's newest custom made cart that replaced the legacy Point of Care and T2 carts. The Fuzion cart can be customized for the EMG and EEG systems as a standalone or combo cart for the Arc, Easy III and Sierra Summit systems. The cart is designed to optimally support the computer system and devices by offering two models of the Fuzion cart.

The **Fuzion SL Cart** is a laptop cart that can be used for a single EEG or EMG system.

The **Fuzion EL Cart** is designed to support the extra weight when the cart is configured with a monitor or All in One, additional articulating arms and will be used with all EEG and EMG combo systems.

Both the Fuzion SL and EL cart will ship assembled in the US and unassembled internationally. Each cart includes the wheel base, height adjustable column, work surface, handle, (2) arm mount brackets, (1) large shelf and (1) supply bin. Additional accessories can be ordered to customize your Fuzion cart.

part #	product
111207-000-A	Assembled Fuzion SL Cart
111207-000-U	Unassembled Fuzion SL Cart
111223-000-A	Assembled Fuzion EL Cart
111223-000-U	Unassembled Fuzion EL Cart
111208-000	Accessory Bin - Provides easily accessible storage space for different types of accessories
111209-000	Large Shelf - Can be used for different larger accessories like computers, printers etc.
111210-000	Small Shelf - Suitable for different types of accessories such as the SmartUs ultrasound
111211-000	Tripp-Lite Power Strip - Holder - Provides a convenient mounting of the Tripp-Lite Power Strip with integrated cable mount (only for 110V markets!)
111212-000	Storage basket with cord wraps - Provides easy storage of bulky accessories
111213-000	Isolation Transformer Bin - Designed for convenient storage of the Isolation Transformer allowing easy access to cables
111214-000	Plastic Keyboard Tray - Includes a mouse pad holder that supports right or left side use.
111215-000	Footswitch Holder - Specifically designed to hold the Sierra Summit Footswitch
111216-000	Monitor Mount - Has integrated cable management and supports the VESA standard monitor mount
111217-000	Computer Bracket - Provides support for mounting a computer to the Large Shelf
111218-000	Arm Mount Bracket - The Worksurface has six total mount locations and can hold amplifier arms, swivel mounts, etc. Two included with cart.
334850-000	MicrUS Ultrasound C-Clamp Holder
334851-000	SmartUs Ultrasound C-Clamp Holder
334852-000	Ultrasound Probe C-Clamp
197318-200	Mini PC Bracket Kit
197336-200	High-Performance PC - Bracket
111234-000	Work Surface
111235-000	Front Panel
111236-000	Rear Panel
111237-000	Cart Handle
111238-000	Caster Wheel
9600018	StimTroller Replacement Bracket Kit: 1-2 channel systems
9600019	StimTroller Replacement Bracket Kit: 3-12 channel systems



EMG CART



111111 CADAVELL

Sierra Summit[®] 12-channel amplifier and Sierra NMUS1[®] Ultrasound configuration, with High-Performance Mini PC

Sierra Summit[®] 2-channel amplifer configuration, with Small Form Factor PC and Printer

The EMG Cart is the first cart on the market to provide a seamlessly integrated EMG and Neuromuscular Ultrasound solution. The EMG Cart is packed with unique features that together with its many options ensures an optimal solution for our customers' clinical needs. The EMG cart's worksurface integrates the Sierra Summit[®] base unit, ultrasound probe holders and cable hooks, built in holders for bottles of ultrasound and conductive gel and side pockets on the left and right side of the cart. The work surface has an ergonomic front handle making it easy to adjust the cart position during examination. The cart comes standard with one mouse shelf, mounted on the right side, which can be used independently from the keyboard tray. A second mouse shelf can be purchased as an option if a mouse shelf on both sides is desired. The EMG cart supports Laptop, Small Form Factor, or Mini PC computer configurations. The side-to-side amplifier arm mount makes it very easy to change the examination side on the fly.

The EMG Cart can be equipped with either a 2- or 12-channel Sierra Summit amplifier arm, and supports two different monitor mounts (24 in or 25-27 in). The cables are channeled inside of the arm mount to provide optimal cable management.

EMG Cart Base Model Fixed Arm Mount - an optional bracket used when a laptop computer 113012-200 is selected. The option allows the user to manually adjust the 2 and 12 channel arms from left to right. Footswitch Bracket - The footswitch holder is a high-guality steel bracket 111204-000 designed to hold the Sierra Summit Footswitch and can be folded up when not in use. Swing Out Mouse Shelf - The optional swing out mouse shelf can be used on the left side of the cart. One swing out mouse shelf, installed 113011-200 on the right side of the worksurface, is included with the standard configuration. The Cadwell mouse pad is sold separately. Accessory Bin - The Accessory Bin provides an easily accessible storage space and is mounted on the back of the column. Please note that the 111167-000 accessory bin and SmartUs Ultrasound bracket cannot be used together on the EMG cart Sierra NMUS1 Install Kit - Mounting Screws and Instructions for Sierra 197337-200 NMUS1 Ultrasound SmartUs Ultrasound Bracket - The Smartus Ultrasound bracket is mounted on the back of the column. The transducer plug is easily 111220-000 accessible when changing out transducers. Please note that the accessory bin cannot be used together with the SmartUs Ultrasound. Sierra Summit Cover / Work Surface - This custom-made cover attaches 111222-000 to the top of the Summit shelf providing a work surface on top of the Sierra Summit base unit. Bottle Holder - The bottle holder is designed to clip on to the side of the 113010-200 Work Surface shelf on the left or right side and can hold bottles such as an alcohol bottle. Accessory Drawer - The drawer provides additional storage space and 113014-200 attaches via Velcro to the Summit Cover. 113015-200 Isolation Transformer and Bracket Kit 120V 113016-200 Isolation Transformer and Bracket Kit 230V Divider Plate - The Divider Plate is an adjustable bracket to hold the small 111201-000 form factor securely. The plate is adjustable to accommodate the various sizes and brands of small form factor computers. 197319-200 Power Strip Bracket 111241-000 Cable Clip 9600018 Stimtroller Replacement Bracket Kit: 1-2 channel systems 9600019 Stimtroller Replacement Bracket Kit: 3-12 channel systems 111205-200 24 in Monitor Mount 111226-200 25 - 27 in Monitor Mount

part #

EMG CART

product

C1 CART



C1 Cart with Single Monitor and Small Form Factor PC

C1 Cart with Dual Side-by-Side Monitors and Small Form Factor PC

The Removeable Supply Drawer on the C1 Cart allows Technicians to store and transport individualized supply sets.





The C1 Cart is a light weight, versatile medical cart designed to work with the Cadwell[®] Cascade PRO[™] equipment and accessories. This cart has a sufficiently small footprint for use in surgical operating rooms. This cart is engineered to optimize space without sacrificing functionality. The C1 Cart standard configuration can accommodate a computer and monitor (sold separately), articulating monitor mount (single or dual), slide-out keyboard and mouse trays, Cascade PRO shelf, work surface, accessory bin, rear handle, rear wire basket with cable hooks, Isolation Transformer, and removable supply drawer (dual monitor cart only). Additional features and specifications are detailed below.

C1 Cart Features

- Height adjustment for user comfort while sitting or standing
- Lightweight 47 in / 120 cm and 64 in / 163 cm column and base for ease of maneuverability
- Small footprint for space-constrained environments without compromising stability
- Configured with a single or dual monitor mount
- Optimal storage space
- Easy access to cables and devices

part #	product
-	C1 Cart (47 in / 120 cm Single Monitor Cart)
-	C1 Cart (64 in / 163 cm Dual Monitor Cart)
111187-000	Supply Drawer with worksurface
111188-000	Removable supply drawer - allows your team to each have a supply bin that is easy to insert and remove from the cart that has the 111187- 000 Supply drawer with work surface
111133-000	Mount, CPU, 3.0 in / 7.6 cm to 4.5 in / 11.4 cm - used with a small form factor computer or an isolation transformer
113025-200	Camera Bracket Kit - telescoping camera pole designed to work with the 198230-000 Logitech PTZ Pro 2 Camera

C1 CART



C2 CART Cascade® IOMAX® Configuration, Dual Stacked Monitors. Cascade PRO[™] Configuration, Single Monitor (shown with new updated camera pole)

Cascade® IOMAX® Configuration, Dual Side-by-Side Monitors. (shown with new updated camera pole)





The Removeable Supply Drawer on the C2 Cart allows Technicians to store and transport individualized supply sets.

The C2 Cart is a lightweight, versatile medical cart designed to work with the Cadwell[®] Cascade[®] IOMAX[®] and Cascade PRO[™] equipment and accessories. This cart has a sufficiently small footprint for use in surgical operating rooms. This cart is engineered to optimize space without sacrificing functionality. The C2 Cart standard configuration can accommodate a computer and monitor (sold separately), articulating monitor mount (single or dual), slide-out keyboard and mouse trays, work surface, accessory bin, rear handle, rear wire basket with cable hooks, Isolation Transformer, and removable supply drawer (dual monitor cart is a standard feature and the single monitor cart is an option instead of the work surfce). Additional features and specifications are detailed below.

C2 Cart Features

- Height adjustment for user comfort while sitting or standing
- Lightweight 47 in / 120 cm and 64 in / 163 cm column and base for ease of maneuverability
- Small footprint for space-constrained environments without compromising stability
- Configured with a single or dual monitor mount
- Optimal storage space
- Easy access to cables and devices

part #	product
-	C2 Cart (47 in / 120 cm Single Monitor Cart)
-	C2 Cart (64 in / 163 cm Dual Monitor Cart)
111187-000	Supply Drawer with worksurface
111188-000	Removable supply drawer - allows your team to each have a supply bin that is easy to insert and remove from the cart that has the 111187- 000 Supply drawer with work surface
111133-000	Mount, CPU, 3.0 in / 7.6 cm to 4.5 in / 11.4 cm - used with a small form factor computer or an isolation transformer
113025-200	Camera Bracket Kit - telescoping camera pole designed to work with the 198230-000 Logitech PTZ Pro 2 Camera

C2 CART

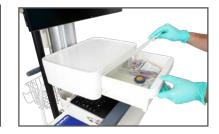


E3 CART



Single Monitor, with Small Form Factor PC and Monitoring Accessories

Single Monitor, with Small Form Factor PC and Photic



The Removeable Supply Drawer on the E3 Cart allows Technicians to store and transport individualized supply sets.



The E3 Cart is designed to be a mobile workstation that is ergonomic with optimal shelf and storage space. The E3 cart will be configured with the Isolation Transformer or Tripp Lite UPS. The computers compatible with the E3 cart are the SFF and the All-in-One (up to 27 in). The E3 cart has plenty of shelf space for additional accessories commonly used in a sleep lab, such as a CPAP, Transcutaneous CO2 monitor and a EtCO2 monitor.

E3 Cart Features

- Height adjustment for user comfort while sitting or standing
- Lightweight 64 in / 163 cm column and base for ease of maneuverability
- Small footprint for space-constrained environments without compromising stability
- Configured with a single or dual monitor mount
- Optimal storage space
- Easy access to cables and devices

part #	product
-	E3 Cart
334786-000	E3 Cart Arm Mount
190228-251	Easy III Photic Stim Articulating Arm
111187-000	Supply Drawer with worksurface
111188-000	Removable supply drawer - allows your team to each have a supply bin that is easy to insert and remove from the cart that has the 111187- 000 Supply drawer with work surface
334914-000	Upgraded Camera/IR Bracket Now compatible with Panasonic and Sony PTZ camera/IR systems. Comes standard w/new E3 cart purchase.

E3 CART

www.estore.cadwell.com | phone: 1 (800) 245-3001 125



PATIENT ROLLSTAND



Patient Rollstand Cart with dual Arc Zenith and one IOMAX Cortical Module, with Storage Basket, Right Side View Patient Rollstand Cart with dual Arc Zenith and one IOMAX Cortical Module, with Storage Basket, Left Side View

The Patient Roll Stand is a lightweight, versatile medical cart designed to work with Cadwell's Zenith equipment and accessories. This cart is engineered to optimize space and mobility. The Patient Roll Stand's standard configuration includes mounts for up to two Zenith amplifiers and one Cortical module, plus a wire basket and cable hooks. Mounts for two additional amplifiers can optionally be added, for a total of four amplifiers on this cart.

Patient Rollstand Cart Features

- Mobile for patient use
- Lightweight
- Supports multiple devices
- Storage basket for accessories
- Cable hooks for wire/cable management

PATIENT ROLL STAND

part #	product
-	Patient Roll Stand Cart
197320-200	Clamp Block - (Device brackets attach to this)
334931-000	IOMAX mount bracket
358007-200	Zenith mount bracket



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VIDEO, POWER, STORAGE, & ACCESSORIES

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General Electrode Care

- Electrode preparation and application should be supervised by a qualified healthcare professional.
- Inspect electrodes for wear or damage prior to use. If electrode wire, termination, or surface area is worn, discard the electrode.
- Cadwell is not responsible for injury, infection, or other damage resulting from improper storage, preparation, use, or disposal of electrodes.

1. Disposable Needle Electrodes

The labeling carries the following information:

STERILE	Electrodes supplied sterile
	Inspect packaging before use. Electrodes remain sterile as long as the seal or pouch is not opened or damaged.
	Use by date
2	Do not reuse

Discard needle electrodes in a puncture-resistant sharps container following approved procedures for disposal of medical sharps.

2. Reusable Needle Electrodes

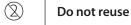
If the following symbols are absent from the original device label, the devices may be reused and re-sterilized.

2	Do not reuse
STERILE	Do not re-sterilize
Clean	Wipe with soft cloth dipped in mild

- *Clean* Wipe with soft cloth dipped in mild detergent or alcohol.
- Sterilize Sterilize using Ethylene Oxide gas (ETO), or steam autoclave. Remove electrical stimulator probes and felt-pads before sterilizing.
- Autoclave Steam autoclave at 120°C (250°F) and 103kPa (15psi) for 15 minutes. For detailed information, refer to the instructions provided by the autoclave manufacturer.
- *ETO* For detailed information, refer to the instructions provided by the sterilization equipment manufacturer.

3. Reusable Surface Electrodes, Lead Wires, and Stimulating Bar Electrodes

If the following symbol is absent from the original device label, the devices may be reused.



Clean

- Wash electrodes using water with detergents/ enzymatic products (i.e. Dawn Ultra dish detergent) to remove foreign material including electrode paste, gel, or other adhesives.
- 2. Use a soft, clean brush to apply enough gentle friction to remove foreign materials.
- 3. Rinse thoroughly and verify residue has been completely removed.

Disinfect

- 1. Disinfect electrodes that may have had contact with mucous membranes or non-intact skin with a high level disinfectant (e.g. Cidex[®]).
- 2. Consult with your facility's infection control policies for guidance in selecting the appropriate disinfection products. Non-corrosive disinfecting agents are preferred.
- Electrode cables and electrodes that come in contact with intact skin but not mucous membranes may be disinfected with an intermediate-level surface disinfectant (e.g. Super Sani Wipes[®]).
- 4. For maximum product life, do not expose electrodes to prolonged soaking or cleaning with corrosive agents (e.g. bleach water).

4. Disposable Felt-Pads

The labeling carries the following information:

NON	Non- sterile felt pads
(2)	Do not reuse

Discard felt pads after use, following approved procedures for bio-hazardous waste.

ORDERING INFORMATION



OUR GUARANTEE

Your complete satisfaction is guaranteed. We're confident that you'll enjoy the convenience and quality of Cadwell Supplies and Accessories. If for any reason you are not completely satisfied, return the product within 30 days for a refund of the purchase price. Some restrictions apply.

PRODUCT MODIFICATION AND PRICES

This is not a contractual agreement. Cadwell reserves the right to modify product specifications, design, availability, and pricing without prior notification.

RETURNING OR EXCHANGING PRODUCTS

To return or exchange an item, call **1 (800) 245-3001** or +**1 (509) 735-6481** and ask for a supplies sales specialist. You will be provided with a Return Merchandise Authorization number (RMA#) to ensure that your request is handled quickly and efficiently. Items returned without an RMA# will not be accepted. Invasive electrodes should not be returned if they have been removed from their original packaging.

INTERNATIONAL ORDERS

Customers outside the United States please note: Not all devices listed in this catalog are licensed in accordance with local laws. All products are RoHS compliant unless otherwise stated. Contact Cadwell to learn how to reach your local Cadwell distributor to place an order.

Product availability may vary between different countries and markets.



CADWELL ORDER FORM

Billing Information					Payment Method				
Ordered By: Name Cadwell Customer #						CHECK: to Cadwell			□ PO
Company / Institution							□AX	□мс	□ DS
Billing Address							PO #		
City		State		Zip					
Phone		Fax				Name or	n card		
Email									
Ship To:						Credit C	ard #		
□ Same as above (no P.O. I	Box)					Evpiratio	an data		
Name					Expiratio				
Company / Institution					Security	code			
Shipping Address						Signatur	re		
City		State		Zip					
Phone		Fax							

ltems						
DESCRIPTION	PAGE #	PART #	\$	QUANTITY	SUBTOTAL	
COMMENTS OR SPECIAL INSTRUCTIONS:	SHIPPING					
				SUBTOTAL		
				SALES TAX		
				TOTAL		

A minimum purchase of ^{\$}75.00 (before shipping charges) is requested for all catalog orders.

CADWELL TERMS & CONDITIONS



1. These Terms and Conditions ("Terms") shall apply to any and all software, services, sales, and support that Cadwell Laboratories, Inc. or Cadwell Industries, Inc. ("Cadwell"), or its subsidiaries or affiliated entities, offers to Customers in the United States and territories and possessions (including the District of Columbia and Puerto Rico) who purchase, or have purchased, products ("Products") or services ("Services") from Cadwell, unless otherwise explicitly agreed in writing.

TERMS OF SALE

- 2. Except as specifically agreed otherwise in writing, Cadwell only sells Products and Services to commercial end users for use by persons trained and experienced with such Products and Services. Resale or distribution by third parties or use of Cadwell Products that does not comply with these Terms and Conditions voids the warranty and/or software license, and could result in legal action.
- 3. Payment terms are net 30 days on approved credit from the invoice date. All payments made after 30 calendar days are subject to a service charge equal to 2% of the total amount due for each month the payment is in arrears.
- 4. A minimum purchase of \$75 is required for all Product and Services orders.
- 5. Quoted and online order prices do not include, and Customer acknowledges and agrees that it shall be responsible for any other amount, including without limitation, fees for export, customs duties, tariffs, special packaging, transportation, insurance and all federal, state and local charges, sales, use, gross receipts, excise, valued-added, services, or any similar transaction or consumption taxes ("Taxes"). Any such amount including Taxes, fees or charges imposed by any governmental authority on the transaction between Cadwell and Customer will be paid by Customer in addition to the price specified on the respective purchase order(s). If Customer is exempt from any such amount, Customer must provide to Cadwell a valid exemption.
- 6. Payment for all online orders must be made by credit card unless Customer has called or emailed Cadwell in advance to create a business account on approved credit ("Business Account"). Cadwell reserves the right to refuse to accept further online orders for delinquent Business Accounts.
- 7. Some Products are not available for purchase online and must be ordered by calling or emailing Cadwell and requesting a supplies specialist ("Special Order Products"). Special Order Products require a 50% deposit at the time the order is placed. Some Special Order Products have extended delivery times, as noted in the item description.
- 8. Customer may check the status of any order by calling or emailing Cadwell during normal working hours.
- 9. Cadwell reserves the right to modify its offered Products and Services including specifications, availability, pricing and shipping charges or method at any time.
- 10. Shipment is Delivered at Place (INCOTERMS 2020) at Customer's specified destination, with the price of shipment billed to the Customer. Freight charges vary depending on shipment content and method.
 - Except in the case that Customer has contracted with Cadwell for installation, the Customer must notify Cadwell in writing within five (5) business days after delivery if Products do not conform to the Purchase Order, has been delivered after its expiration date, was improperly labeled or packed by Cadwell, shipped in error, or has been damaged during shipping. If Customer provides such notice, Customer shall be provided a return authorization or refund in accordance with the "Maintenance, Repair and Replacement" and "Returns and Refunds" sections below. If Customer does not so notify Cadwell, the Products shall be deemed accepted by Customer. In the case that Customer has contracted with Cadwell for installation, Products shall be deemed accepted upon completion of installation as long as Customer has not opened any packaging prior to installation. Notwithstanding the foregoing, Customer shall be permitted to open the packaging prior to installation upon the prior written authorization of Cadwell.



11. In the event Customer cancels the purchase after the Products have shipped, Customer agrees to reimburse Cadwell for actual costs incurred, including but not limited to, charges for restocking, training and freight.

PRODUCT WARRANTY

- 12. Unless listed differently in Cadwell's Supplies and Accessories Catalog, E-Store, or otherwise agreed upon in writing by the parties, the warranty periods ("Warranty Period") applicable to Cadwell products are as follows:
- One (1) year for new equipment not otherwise described below
- One (1) year Sleepmate® RIPbelts and cables, Lock for Disposable RIPmate, Piezo effort belts, Pressure Transduced Airflow module
- Nine (9) months (new equipment): Sleepmate® Thermal Airflow sensors, Snore sensors, Cannutherm sensors
- Six (6) months for refurbished equipment
- Ninety (90) calendar days for equipment repairs
- Ninety (90) calendar days for supplies and accessories, (the "Warranty Period")

The Warranty Period is calculated from the shipment date of Products to the Customer. During the Warranty Period, Cadwell warrants that such Products are free of defects in material or workmanship ("Defect"). Within this Warranty Period for Cadwell equipment purchases, excluding the six (6) month refurbished equipment warranty, Customers will also receive a one (1) year CadCare® Customer Support Program ("CadCare Program") membership. Electrodes, needles, and lead wires are not included in the CadCare Program. The warranty does not cover removal of, or damage from, computer viruses or other malware. When a Product, not manufactured by Cadwell, including without limitation a camera or computer, is purchased as an integrated part of Cadwell equipment, the warranty herein shall also cover such Product. Following the expiration of the applicable warranty period, Cadwell shall refer Customer to the original equipment manufacturer for such Product.

- a. Except as expressly set forth herein, Cadwell makes no representations and grants no warranties, express or implied, either in fact or by operation of law, by statute or otherwise, and specifically disclaims any other warranties, whether written or oral, or express or implied, including without limitation, any warranty of quality, merchantability or fitness for a particular use or purpose.
- b. In the event of a Defect covered by this warranty, Customer must supply Cadwell with notice of such Defect and an explanation of circumstances concerning any claim of the Defect within two (2) business days of the discovery of such Defect. Requests for warranty repairs or replacement should be made following the process outlined below.
- c. If Product has been damaged, abused or misused through no fault of Cadwell, or if unauthorized attempts to modify, repair or service the Product have impaired the performance of the Product, this warrant will be void.

MAINTENANCE, REPAIR AND REPLACEMENT

- 13. In the case Customer requires maintenance, repair or replacement of a Product, Customer shall follow the steps below:
 - a. Call Cadwell with the Cadwell equipment serial number and customer identification number available.
 - b. For applications or operational support, Customer should request Cadwell's Clinical Applications Department at (509) 735-6481.
 - c. For equipment repair, request Cadwell's Technical Service Department at (509) 735-6481.
 - d. Cadwell may seek additional information to understand the nature of the issue or Defect and to determine whether such issue or Defect is covered under warranty or extended service contract.
 - e. Based on Customer's request for services ("Service Request"), one of the service or applications support personnel may direct the Customer through basic diagnostic procedures on the Product.
 - f. If the issue or Defect is covered under a warranty or extended service contract and cannot be resolved through service or applications support, Cadwell may repair or replace the Product at its option pursuant to the terms of the Returns and Refunds Section below.



- g. If a repair part needs to be sent to Customer, or if Customer must send in equipment to Cadwell for repair, a Service Request Order (SRO) number will be issued to Customer.
- h. When Customer wishes to obtain updates on service, Customer shall identify the SRO number in the request.
- i. If the equipment must be returned for service, Customer shall return it in the original or appropriate shipping container with the SRO number clearly written on the box.
- 14. Customer acknowledges that for optimum Product performance, Customer should schedule annual preventive maintenance with Cadwell for all Cadwell equipment.
- 15. Customer understands that Cadwell 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.
- 16. For Products not purchased from Cadwell, or for Products that are out of warranty or that are not covered under a CadCare membership, Cadwell reserves the right to refuse service and/or require pre-inspection of equipment or set other conditions on a case-by-case basis.
- 17. Customer agrees to ensure that any patient data stored Equipment is completely erased before the Equipment is returned to Cadwell.
- 18. Customer understands that these Terms and Conditions shall remain in effect until Cadwell announces the end of support for the underlying hardware or software for the Products, in which case Cadwell shall have the right to notify Customer that these Terms and Conditions have expired with respect to the Products.

RETURNS AND REFUNDS

- 19. If Customer desires to return Products to Cadwell for a refund, and Cadwell approves of such refund or return, then Customer must satisfy the following:
 - a. Customer shall obtain a Return Merchandise Authorization ("RMA") number from Cadwell prior to return;
 - b. The Product must be returned to Cadwell within 30 days from the date the Product was received by Customer;
 - c. The Product must be returned to Cadwell in its original packaging, unopened and undamaged. If the Product has been opened and Cadwell has issued an "RMA" number, the equipment will be subject to a restocking fee, which shall be 25% or actual costs, whichever is greater; and
 - d. Customer must pay all shipping charges.
- 20. Notwithstanding the above,
 - a. Sterile-packaged Products that have been opened or the package damaged and any custom or Special Order Products may not be returned for a refund.
 - b. Returns based on a Defect, will be handled in accordance with the Products Warranty section above. Customer agrees to ensure that any patient data stored Equipment is completely erased before the Equipment is returned to Cadwell.



CADCARE CUSTOMER SUPPORT PROGRAM

- 21. With the purchase of a new or used piece of Cadwell equipment, Customer is automatically enrolled in the CadCare Program at no additional cost. Through the CadCare Program, Cadwell services and supports the Cadwell equipment, subject to Section 13, Products Warranty.
 - a. CadCare Program membership extends throughout the period of time during which Cadwell is able to service, support and provide software updates for the Cadwell equipment ("Functional Lifetime").
 - b. CadCare Program membership is not transferable.
 - c. Cadwell offers CadCare extended service packages ("CadCare ESP") for purchase after the end of the first year of CadCare Program. The terms for such can be found at www.Cadwell.com/CadCare or by contacting Cadwell for comprehensive CadCare Program details.
- 22. With CadCare Program membership, Customers who purchase CadLink Software and/or HL7 will also receive one (1) year of membership in the CadLink Software Support and Maintenance Program ("CadLink Software SMP"). Customer acknowledges that some features of the CadLink Software SMP are only available for regional server, HL7 and multi-facility environments.
- 23. Customer acknowledges membership in the CadLink Software SMP ends after one (1) year. If Customer chooses not to continue enrollment in the CadLink Software SMP, then CadLink and HL7 software support and maintenance will be available by request at the then current hourly billable rate with a \$500 minimum fee. Customer further understands the following:
 - a. Certain CadCare ESPs include membership in the CadLink Software SMP.
 - b. Enrollment in CadLink SMP may be purchased separately from a CadCare ESP.
- 24. Year Two of Equipment Ownership and Beyond CadCare Extended Service Plan Programs:

Customer acknowledges that one (1) year after Cadwell equipment purchase, certain benefits of the CadCare Program first-year membership may become chargeable services depending on which one of the available CadCare ESPs that Customer chooses to purchase. The CadCare ESPs and respective coverages are described in detail at www.cadwell.com/CadCare.

- 25. Billable Service and Repairs. Service and repairs provided outside of a CadCare membership shall be subject to the following terms:
 - a. Service and repairs will be subject to an hourly rate ("Billable Repairs"). The rate may change from time to time, and will be quoted to Customer at time of service or repair.

i. Billable Repairs shall be covered by a 90-day service warranty ("Billable Repair Warranty").

ii. The Billable Repair Warranty applies only to Billable Repairs made to Cadwell equipment.

b. Customer will pay for shipping and handling of Billable Repairs.

SOFTWARE AND NETWORK SECURITY

- 26. Customer understands and acknowledges the following:
 - a. Cadwell does not maintain any proprietary, statutorily protected or confidential data on behalf of Customer in the normal course of business with Customer.
 - b. Cadwell is not liable for third-party cybersecurity attacks upon Cadwell Products when such an attack is from Customer's network.
 - c. Customer is responsible for maintaining the day-to-day security of its own network.



- d. In the course of responding to Customer's service request, Cadwell may, with Customer's permission and appropriate log-in credentials, remotely access the Customer Network to diagnose and/or repair equipment or software issues.
- 27. Cadwell acknowledges that it contracts with an independent organization to periodically review its software for security flaws. Each review covers common software and business process vulnerabilities, including third-party components and libraries.
- 28. Cadwell will use its best efforts to track all security issues uncovered during the software development lifecycle, whether design, implementation, testing, deployment or operational issues. The risk associated with each security issue will be evaluated and documented by Cadwell, and Cadwell will implement a fix, patch, or other measure to remedy the issue as soon as possible after discovery. Cadwell shall make commercially feasible efforts to fix high-level issues found as quickly as possible, and will, where applicable include details about any material incidents in its release notes.
- 29. Cadwell and Customer agree at all times to maintain the following on their respective networks: network firewall provisioning, intrusion detection, and regular vulnerability assessments. Cadwell and Customer further agree to maintain network security that conforms to generally recognized industry standards and best practices.
- 30. Customer acknowledges that it is solely responsible for the day-to-day maintenance and functioning of its network.

TRAINING AND INSTALLATION

- 31. Cadwell offers on-site installation of applicable Cadwell Products ("Installation") for an additional fee, which Customer may request with the purchase of Cadwell Products. Installation will be performed according to applicable Cadwell installation protocols.
- 32. Customer acknowledges that for a successful Installation, Customer's IT personnel must cooperate in providing accurate network configuration information to Cadwell. Customer acknowledges that some physical changes may be necessary prior to the Installation to ensure site readiness, for which Customer shall be responsible.
- 33. Cadwell reserves the right to cancel Installation and charge Customer for any applicable rebooking fees should Customer, at Cadwell's sole discretion, not be prepared for Installation including but not limited to IT network readiness, Customer supplied equipment readiness, facilities readiness, and all required personnel being available for training.
- 34. For Cadwell Products that will be operated on or in connection with Customer supplied hardware or software, Customer is responsible for ensuring its hardware and software conform to Cadwell minimum hardware and software requirements as made available to Customer.
- 35. Cadwell offers both on-site (Customer site) and remote training options for additional fees, which Customer may request with the purchase of equipment and/or software.
- 36. Customer acknowledges that it is responsible for ensuring the affected personnel are present for Cadwell training at the specified date and time.



LOANER EQUIPMENT

- 37. In the event that the Customer is eligible for loaner equipment under the applicable CadCare membership or service contract, Cadwell shall temporarily provide equipment, owned by Cadwell, to Customer for the period during which Customer's equipment is being serviced by Cadwell, ("Loaner Equipment") subject to the terms of this Section. Loaner Equipment is provided at no cost, except as provided in this Section.
 - a. If the Customer has initiated a Service Request Order (SRO) requiring the use of Loaner Equipment, Cadwell shall ship such Loaner Equipment to Customer via two-day shipping (overnight available at additional cost to Customer). In the same shipment, Cadwell shall include a shipping label for the return of Customer's equipment to Cadwell.
 - b. Customer shall return the Customer's equipment to Cadwell using the provided label.
 - c. If Cadwell does not receive Customer's equipment within ten (10) business days of the date Cadwell shipped the Loaner Equipment, Customer shall be assessed \$50 for each day thereafter that the Customer's equipment is not received.
 - d. After repair of the Customer's equipment, Cadwell shall ship the serviced Customer's equipment to Customer with a shipping label for return of the Loaner Equipment.
 - e. Customer shall return the Loaner Equipment to Cadwell within seven (7) business days of receipt of its serviced Equipment.
 - f. Customer is liable for and shall be invoiced for repair of damage to the Loaner Equipment that is caused by abuse, misuse or unauthorized attempts to modify the Loaner Equipment.
 - g. Customer agrees to ensure that any patient data stored on Customer or Loaner Equipment is completely erased before the Equipment is returned to Cadwell.

MISCELLANEOUS

- 38. Entire Agreement. The parties agree that these Terms represent the entire understanding of the parties with respect to the subject matter of these Terms. These Terms may be modified from time to time. The most current version of these Terms will be published on www.cadwell.com/terms. To the extent the Terms are in conflict with any other agreement or terms of the parties, the Terms herein shall govern unless specifically accepted in writing by Cadwell. Any agreement or term offered by Customer in a purchase order or otherwise shall be considered a proposal and shall not become part of this agreement unless specifically accepted in writing by Cadwell. Acknowledgement or acceptance of a purchase order does not constitute specific acceptance in writing.
- 39. Default and Remedy. Failure to pay according to the Terms is a default. In the event of default, Cadwell may pursue any remedies at law or equity, including without limitation, declaring any amount outstanding due immediately, or without any further notice to Customer, Cadwell may retake possession of the Products securing the sale.
- 40. Security Interest. The Customer grants Cadwell a security interest in the Products described in the respective purchase order(s), including all added and substituted parts, accessories, and improvements made to the Products, until Customer has paid the full purchase price on such. The Customer promises to keep the Products in good repair, and the Customer has no right to sell, lease, or otherwise dispose of the collateral.
- 41. Indemnification. Customer agrees to indemnify Cadwell and hold it harmless from any and all demands or claims of any nature whatsoever arising out of the use of the Products, including without limitation, products liability or physical injuries to person, or property, loss of life, or other claims or damages.
- 42. Intellectual Property. Customer acknowledges that Cadwell owns all right, title and interest in all proprietary Product designs and configurations, software and firmware purchased under these Terms, except to the extent that Cadwell has granted Customer a limited license in the software, a copy of which is available at https://www.cadwell.com/software-license-agreement/.



- 43. Exclusive Remedy and Limitation of Damages. The parties agree that the Customer's sole and exclusive remedy against Cadwell shall be for the repair and/or replacement of defective parts as provided herein. Customer agrees that no other remedy shall be available to them and that Cadwell shall not, in any event, be liable for incidental damages or consequential damages, including loss of income, loss of time, lost sales, injury to person or personal property, liability customer had with respect to any other person, or for any other type of formal consequential damage or economic loss.
- 44. Force Majeure. "Force Majeure" means any of the following events and circumstances: a strike, lockout, riot, civil unrest, war, pandemic, act of terrorism, insurrection, fire, flood, windstorm, explosion, natural disaster, act of God or public enemy or any other event or circumstance that is beyond either party's reasonable control. Cadwell may delay delivery, or performance of the Products or Services ordered hereunder in the event of Force Majeure. Cadwell shall deliver the Products or commence service when the Force Majeure affecting the delay is eliminated.
- 45. Severability. If any provision of these Terms is found unenforceable, the remainder shall be enforced as fully as possible and the unenforceable provision shall be deemed modified to the limited extent required to permit its enforcement in a manner most closely representing the intention of the parties as expressed herein.
- 46. Dispute Resolution. In the event of any dispute, controversy or claim arising out of or relating to these Terms, or a breach thereof ("Dispute"), the parties shall endeavor, in good faith, to resolve the Dispute through reasonable negotiations. If the parties fail to resolve the Dispute within a reasonable amount of time, the parties shall settle the Dispute through binding arbitration, by a single arbitrator, in Benton County, Washington, under the rules of the American Arbitration Association. Judgment on the award rendered by the arbitrator may be entered in any court having jurisdiction thereof. The substantially prevailing party in such arbitration shall be entitled to recover costs, including attorney's fees as part of the award.
- 47. Time Limit on Customer Commencing Legal Actions. Customer must commence any such Dispute within one (1) year from the date the Dispute first occurred, or shall be barred from bringing such a Dispute thereafter.
- 48. No Waiver. The failure of Cadwell to enforce at any time, for any period, any provision hereof shall not be construed to be a waiver of such provision or of the right of Cadwell thereafter to enforce each such provision, nor shall any single or partial exercise of any right or remedy hereunder preclude Cadwell from any other or further exercise thereof or the exercise of any other right or remedy.
- 49. Jurisdiction. The Terms will be governed by the laws of the state of Washington, without giving effect to any choice of law or conflict of law rules or provisions (whether of the State of Washington or any other jurisdiction) that would cause the application of the laws of any jurisdiction other than the State of Washington.

Cadwell Laboratories, Inc.

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www.estore.cadwell.com



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