



PRODUCT CATALOG



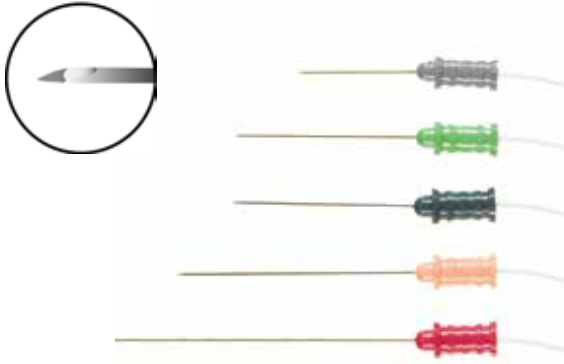
SUPPLIES, NEURODIAGNOSTIC AND MONITORING SOLUTIONS

Cadwell designs and supplies leading-edge medical equipment, electrodes, supplies, and accessories. Cadwell has 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 your 24/7 shopping convenience. Thank you for choosing Cadwell.

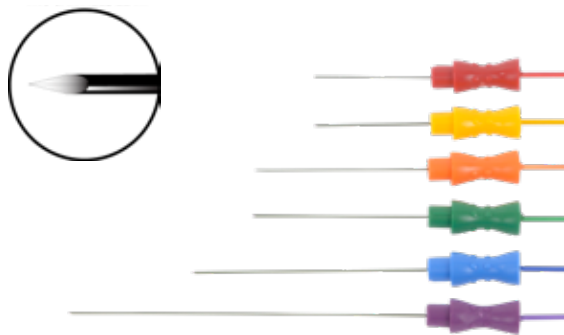
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Ambu® Neuroline Disposable Monopolar Needle Electrodes with Attached Lead Wires

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

length		diameter		color	part #	qty	cost
25mm	1 in	0.36mm	28G	grey	202221-040	40/box	
38mm	1.5 in	0.36mm	28G	light green	202223-040	40/box	
38mm	1.5 in	0.45mm	26G	dark green	202224-040	40/box	
50mm	2 in	0.45mm	26G	yellow	202225-040	40/box	
75mm	3 in	0.5mm	25G	red	202226-040	40/box	

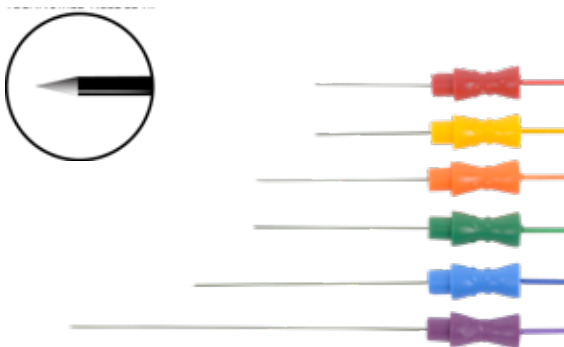


Cadwell® Disposable Monopolar Needle Electrodes with Trocar Tips

Attached, color-coded 77cm (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.

length		diameter		color	part #	qty	cost
25mm	1 in	0.35mm	28G	red	202464-000	25/box	
25mm	1 in	0.45mm	26G	yellow	202465-000*	25/box	
37mm	1.5 in	0.35mm	28G	orange	202466-000	25/box	
37mm	1.5 in	0.45mm	26G	green	202467-000*	25/box	
50mm	2 in	0.45mm	26G	blue	202468-000	25/box	
75mm	3 in	0.45mm	26G	violet	202469-000*	25/box	

*Call for availability

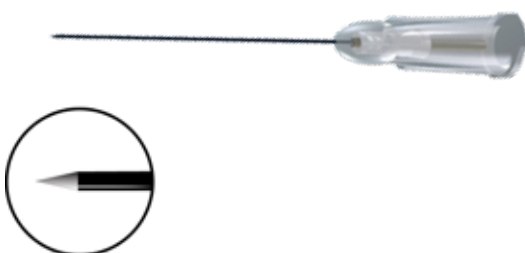


Technomed Disposable Monopolar Needle Electrodes with Attached Lead Wire

Attached, color-coded 60cm (23.5 in) PVC lead wire with safety DIN 42802 connector. Machine-sharpened conical tip and ultra-thin PTFE coating ensure low insertion friction. EO gas sterilized. Single patient use only.

length		diameter		color	part #	qty	cost
25mm	1 in	0.35mm	28G	red	202250-000	25/box	
25mm	1 in	0.45mm	26G	yellow	202251-000*	25/box	
37mm	1.5 in	0.35mm	28G	orange	202252-000	25/box	
37mm	1.5 in	0.45mm	26G	green	202253-000*	25/box	
50mm	2 in	0.45mm	26G	blue	202254-000	25/box	
75mm	3 in	0.45mm	26G	violet	202255-000*	25/box	

*Call for availability



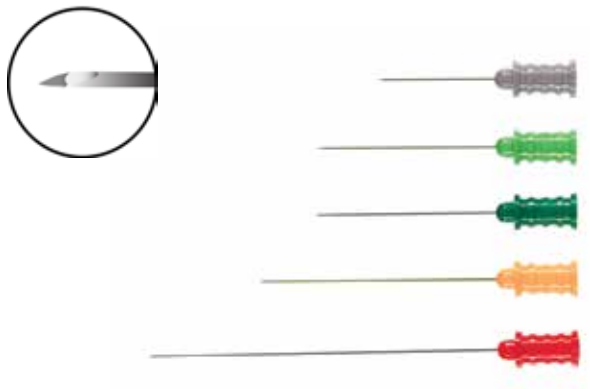
Chalgren Disposable Monopolar Needle Electrodes

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

length		diameter		color	part #	qty	cost
125mm	5.0 in	0.5mm	24G	natural	202728-000*	10/box	

*Call for availability

EMG | NEEDLE ELECTRODES



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.

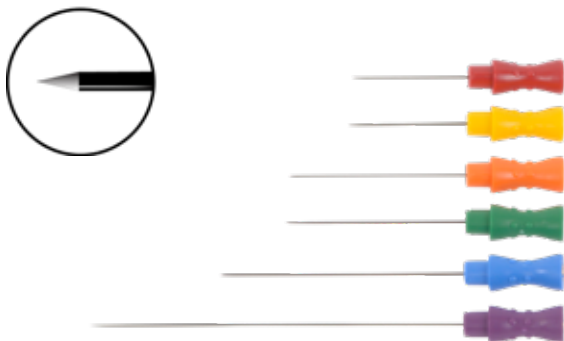
length		diameter		color	part #	qty	cost
25mm	1 in	0.35mm	28G	grey	202238-040	40/box	
38mm	1.5 in	0.35mm	28G	light green	202240-040	40/box	
38mm	1.5 in	0.45mm	26G	dark green	202241-040	40/box	
50mm	2 in	0.45mm	26G	yellow	202242-040	40/box	
75mm	3 in	0.5mm	25G	red	202243-040	40/box	



Ambu® Neuroline Detachable Lead Wire

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

length		part #	qty	cost
76cm	30 in	202244-000	1	



Technomed Disposable Monopolar Needle Electrodes

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

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

**Call for availability*



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



B. Shielded 5-Pole DIN

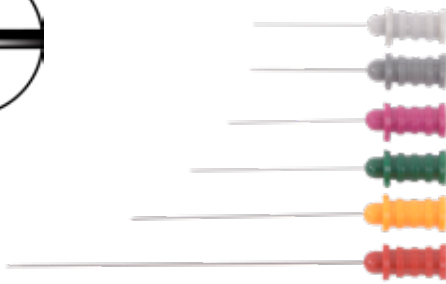


C. Unshielded Safety DIN 42 802

Technomed Monopolar Detachable Lead Wires

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

product	length	color	part #	qty	cost
A	1.06m	42 in	multi	302204-200	1
B	0.99m	39 in	grey	202277-000	1
C	0.61m	24 in	blue	202276-000	1



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.

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

*Call for availability

Ambu® Neuroline Detachable Concentric Cable

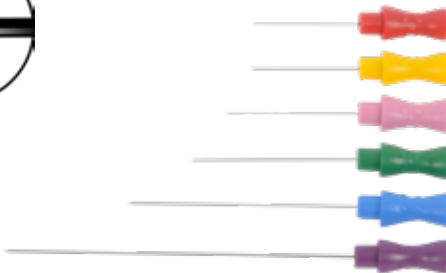
Shielded, reusable 1m (40 in) grey cable with 5-pole DIN connector for concentric needles.

length		color	part #	qty	cost
1m	40 in	grey	202806-000	1	

Ambu® Neuroline Concentric Needle Sample Kit

Includes one each 25mm x 30G, 30mm x 28G, and 50mm x 26G needles; two each 38mm x 26G needles; one set of disposable tab electrodes with 32 inch leads; three 1m disposable ground electrodes and one concentric cable.

part #	qty	cost
202807-000	1 kit	



Cadwell® Disposable Concentric EMG Needle Electrodes

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.

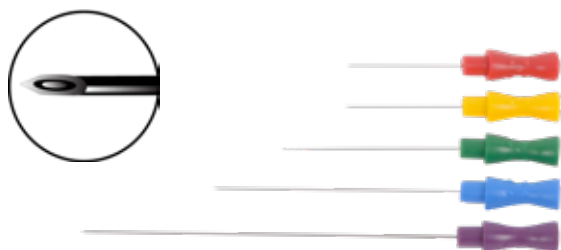
length		diameter		recording area	color	part #	qty	cost
25mm	1 in	0.3mm	30G	0.031mm ²	red	202456-000	25/box	
25mm	1 in	0.4mm	27G	0.031mm ²	yellow	202457-000*	25/box	
30mm	1.2 in	0.3mm	30G	0.031mm ²	pink	202458-000*	25/box	
37mm	1.5 in	0.45mm	26G	0.085mm ²	green	202459-000	25/box	
50mm	2 in	0.45mm	26G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

*Call for availability

Cadwell® Detachable EMG Cable

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

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



Technomed Disposable Concentric Needle Electrodes

Machine-sharpened tri-bevel tip and smooth coating offer easy insertion and optimal patient comfort. Color-coded hub with recording area indicator. EO gas sterilized. Single patient use only.

length		diameter		recording area	color	part #	qty	cost
25mm	1 in	0.3mm	30G	0.021mm ²	red	202846-000	25/box	
25mm	1 in	0.4mm	27G	0.021mm ²	yellow	202847-000	25/box	
37mm	1.5 in	0.45mm	26G	0.068mm ²	green	202848-000	25/box	
50mm	2 in	0.45mm	26G	0.068mm ²	blue	202849-000	25/box	
75mm	3 in	0.6mm	23G	0.068mm ²	violet	202850-000	25/box	



Technomed Reusable Single Fiber Needle Electrodes

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

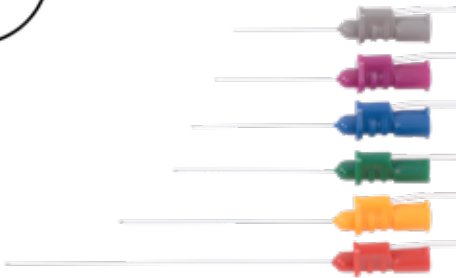
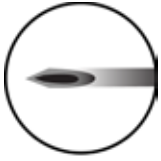
length		diameter		color	part #	qty	cost
25mm	1.0 in	0.4mm	27G	brown	202860-000	1	
40mm	1.5 in	0.45mm	26G	black	202861-000	1	



Technomed Detachable Cable

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

length		color	part #	qty	cost
1.25m	48 in	grey	202845-000	1	

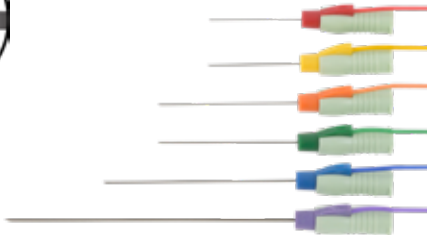


Ambu® Neuroline Inoject™ Disposable Injectable Needle Electrodes

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.

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

*Call for availability

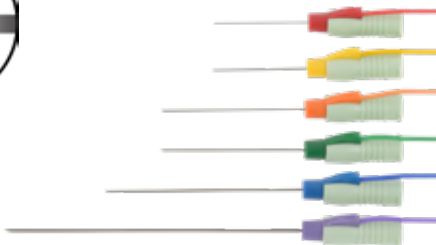


Cadwell® Disposable Injectable EMG Needle Electrodes

Stimulate and record. Pre-attached 75cm (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.

length		diameter		color	part #	qty	cost
25mm	1 in	0.3mm	30G	red	202450-000*	10/box	
25mm	1 in	0.4mm	27G	yellow	202451-000*	10/box	
37mm	1.5 in	0.4mm	27G	orange	202452-000*	10/box	
37mm	1.5 in	0.45mm	26G	green	202453-000*	10/box	
50mm	2 in	0.5mm	25G	blue	202454-000*	10/box	
75mm	3 in	0.7mm	22G	violet	202455-000*	10/box	

*Call for availability

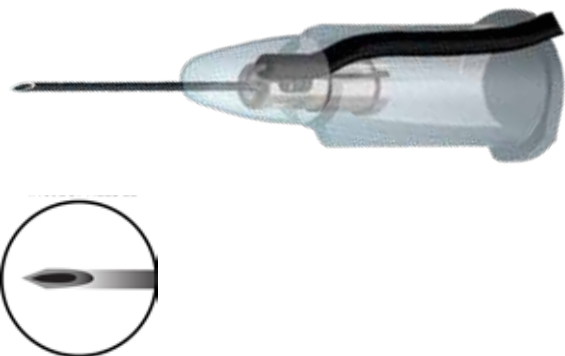


Technomed Aiglette™ Disposable Injectable Needle Electrodes

Medical grade stainless steel. Sharpened to a facet bevel. Complete multiple insertions without character degradation. Leak-free, secure slip-tip and Luer-lock syringe connection. Comes with a pre-attached 75cm (30 in) color-coded lead wire that has a safety DIN 42802 connector. EO gas sterilized. Single patient use only.

length		diameter		color	part #	qty	cost
25mm	1 in	0.3mm	30G	red	202880-000	10/box	
25mm	1 in	0.4mm	27G	yellow	202881-000*	10/box	
37mm	1.5 in	0.4mm	27G	orange	202882-000	10/box	
37mm	1.5 in	0.45mm	26G	green	202883-000	10/box	
50mm	2 in	0.5mm	25G	blue	202884-000*	10/box	
75mm	3 in	0.7mm	22G	violet	202885-000*	10/box	

*Call for availability



Chalgren Disposable Injectable Needle Electrodes

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

length		diameter		color	part #	qty	cost
25mm	1 in	0.3mm	30G	blue	202721-000*	10/box	
37mm	1.5 in	0.46mm	26G	pink	202723-000*	10/box	
50mm	2 in	0.46mm	25G	white	202724-000*	10/box	
75mm	3 in	0.64mm	23G	grey	202725-000*	10/box	
100mm	4 in	0.64mm	23G	natural	202726-000*	10/box	
125mm	5 in	0.64mm	23G	natural	202727-000*	10/box	

*Call for availability



NeedleSafe™ II Needle Uncapper/Recapper

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

part #	qty	cost
202058-000	1	



2 Channel



12 Channel

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.

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



Cadwell® 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: 30mm (1.18 in). Features a green lead wire with bend-relief protection for added durability.

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



Twisted

Cadwell® Ring Electrodes

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

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

*Call for availability



Shielded Tri-lead



Shielded 5-pole DIN

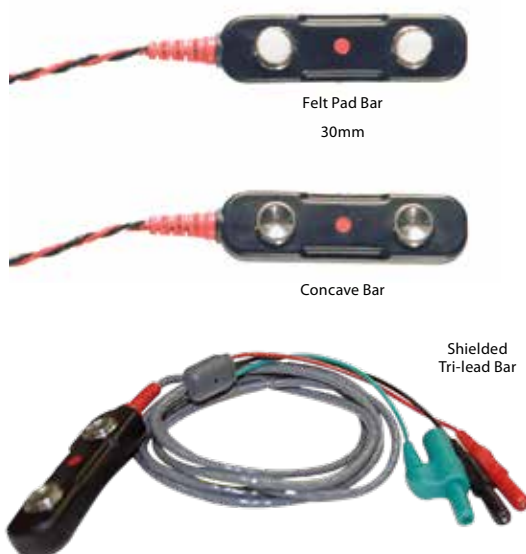


Cadwell® Finger Clip Electrodes

Ideal for sensory nerve testing, this finger clip electrode is constructed of solid, surgical-grade stainless steel and comes with color-coded handles and ultra-flexible, red-and-black twisted lead wire.

length		part #	qty	cost
0.61m	24 in	202708-000	1	
1.22m	48 in	202735-000	1	

EMG | REUSABLE SURFACE ELECTRODES



Felt Pad Bar
30mm

Concave Bar

Shielded
Tri-lead Bar

Cadwell® Bar Electrodes

Bar and shielded bar electrodes. Solid, machined contacts (spaced 30mm 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.

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

*Call for availability



Shielded 5-pole DIN Bar

Bar Electrode
Handle



Twisted Lead

Shielded Touch-proof
Tri-lead

Shielded 5-pole DIN

Cadwell® Disc Electrodes

Paired disc electrodes combine both active and reference discs for faster test setup. Custom-molded 10mm (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.

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

*Call for availability



Cadwell® Single Disc Electrodes

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

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

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), two ring electrodes and two ground electrodes. For use with lead wires. Single patient use only.

part #	qty	cost
302120-000	25/pk	



Cadwell® Disposable Tab Electrodes

Available in small and large sizes, noise is not a factor with 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.

product	length		part #	qty	cost
Small	1.5x1.5cm	0.5x0.5 in	302285-000	100/pk 10 or more	
Large	2.2x2.5cm	0.875x1 in	302217-000	100/pk 10 or more	



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: 25.4mm x 19mm (1 in x 7/8 in). Single patient use only.

part #	qty	cost
202373-000	100/pk	





Cadwell® 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 two individual tabs. Use with mini-crocodile clip lead wires. Each 100-count package contains 25 individually sealed sets of 4 bars. Single patient use only.

dimensions		part #	qty	cost
4x1.5cm	1.6x0.5 in	302287-000	100/pk 10 or more	



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.

dimensions		part #	qty	cost
10x0.6cm	4x0.25 in	302286-000	100/box 10 or more	

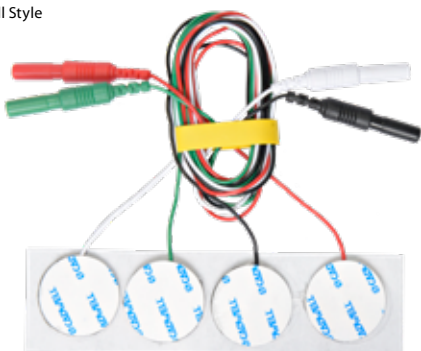


Cadwell® Disposable Ground Electrodes

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.

dimensions		part #	qty	cost
4.5x3.1cm	1.75x1.25 in	302288-000	100/pk 10 or more	

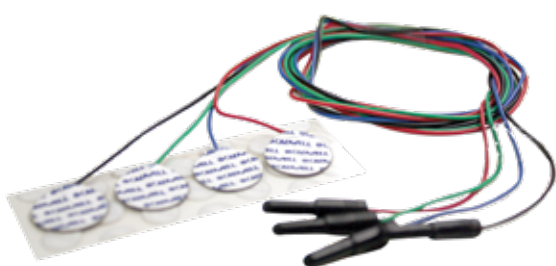
New Cadwell Style



Cadwell® Disposable Disc Electrodes with Leads

Four disposable silver/silver chloride coated disc electrodes with hydrogel are attached to wires in red, white, black, and green. Disc diameter is 19mm (0.75 in). Individually sealed sets of four leads. Single patient use only.

New Cadwell Style				
length		part #	qty	cost
1m	40 in	302294-000-040	48/box	
2m	80 in	302294-000-080	48/box	



Original Cadwell Style

Cadwell® Disposable Disc Electrodes with Leads

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 19mm (0.75 in). Individually sealed sets of four leads. Single patient use only.

Original Cadwell Style				
length		part #	qty	cost
1m	39 in	302290-000	20/box 5 or more	

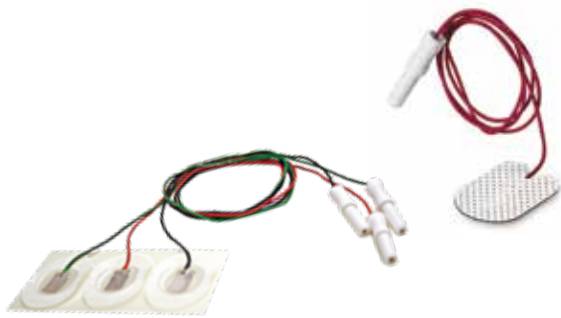
Cadwell® Disposable Surface Electrodes with Lead Wires

Single surface electrodes are pre-attached to wires in red, black, and white. Twisted surface electrodes are pre-attached to wires 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 24 individually sealed sets of twisted pairs. Hydrogel is formulated so it stays on the patient better and is still movable. Single patient use only.



Single Disposable Surface Electrodes				
length		part #	qty	cost
20x15mm	1.5m 60 in	302851-000-060*	12/box	
27x20mm	2.5m 100 in	302852-000-100	12/box	
Surface, Twisted Disposable Electrodes				
length		part #	qty	cost
20x15mm	1.5m 60 in	302853-000-060	24/box	
20x15mm	2.5m 100 in	302853-000-100	24/box	
27x20mm	1.5m 60 in	302854-000-060	24/box	
27x20mm	2.5m 100 in	302854-000-100	24/box	

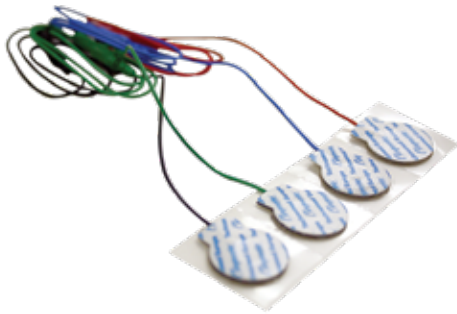
*Call for availability



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. 30x22mm pads have color-coded lead wires. 28x20mm have a duck-foot style for better grip. Single patient use only.

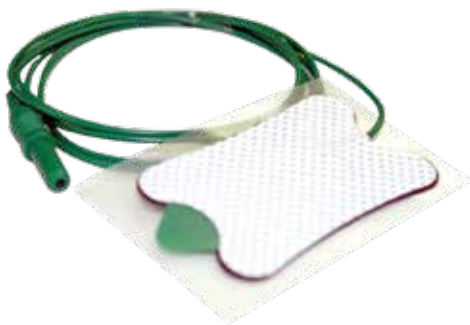
length			part #	qty	cost
30x22mm	0.5m	20 in	202380-000	12/pk 20 pks or more	
30x22mm	0.8m	32 in	202381-000	12/pk 10 pks or more	
28x20mm white lead	1.5m	60 in	202383-000-060-PK12	12/pk	
28x20mm color coded lead	1.5m	60 in	202384-000-060	12/pk	



Technomed Disposable 4 Discs with Lead Wires

Disposable pre-gelled surface electrodes with lightweight flexible PVC wires and touch-proof safety connectors in red, blue, green and black. Silver/silver chloride conductive layer offers low impedance. Soft and flexible electrode pads are easy to reposition. Disc diameter is 20mm. Single patient use only.

length		part #	qty	cost
1m	40 in	202290-000-010	10/box	
2m	80 in	202290-000-020	10/box	



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.

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

Cadwell® 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.



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

Cadwell® Shielded Crocodile Clip Cable

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



part #	qty	cost
202203-200	1	

Cadwell® Extension Lead Wires

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



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

Cadwell® Shielded Interconnect Cable

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



product	length		part #	qty	cost
cable	0.46m	18 in	302176-200	1	
cable	1.22m	48 in	302192-200	1	
gown clip	-	-	302772-200	1	



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.

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

Cadwell® Sierra Skin Temperature Probe

Includes a one-year warranty.

for use with		length		part #	qty	cost
1/8 in jack	Summit	2m	78 in	202600-000*	1	
1/8 in jack	Summit	1m	39 in	202607-000	1	
1/4 in jack	Wave and Sierra II	-		199210-200	1	

*Call for availability

Cadwell® Trigger Cable

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

part #	qty	cost
286093-000	1	

Cadwell® Stim Probe Extension

Ideal for standard nerve conduction or Blink-reflex studies. Hand-held stimulus probe with 32 in cable has two adjustable (25, 19, 13, or 6mm) 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 1.5mm safety touch-proof connectors.

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



Cadwell® Tendon Hammer

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

part #	qty	cost
190282-200*	1	

**Call for availability*



A



B



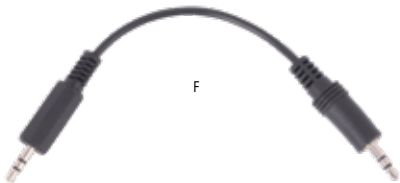
C



D



E



F

Cadwell® EMG Accessories

Diagnostic Test Fixtures for Sierra Summit.

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

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



Cadwell® Amp/Stim Switch Box

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

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



Cadwell® LED Goggles

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

product	part #	qty	cost
Sierra Summit	199277-200	1	
Wave, Sierra II	199246-200	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.

product	part #	qty	cost
24 inch Dell Flat Panel Monitor	291209-000	1	
VEP Calibration Sensor	190283-200	1	
VEP Calibration Sensor Cable	286096-000	1	



A. RadioEar Headphones

RadioEar Headphones for Sierra Summit

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

Acoustically Shielded Headphones

TDH-39, 10-ohm speakers with adjustable headband. For use with Sierra Wave, Sierra II and Cascade.

Lightweight Headphones

Not acoustically shielded. These are recommended for pediatrics and when acoustic shielding is not required. For use with Sierra Wave, Sierra II and Cascade.



B. Acoustically Shielded Headphones



C. Lightweight Headphones

	product	ohms	part #	qty	cost
A	RadioEar Headphones	10	199312-200	1	
B	Acoustically Shielded Headphones	10	199219-200	1	
C	Lightweight Headphones	10	199220-200	1	
D	Disposable Earpiece Covers	-	096001-000	100/ box	



D. Disposable Earpiece Covers

EMG | EVOKED POTENTIAL ACCESSORIES



Insert Earphone Kit

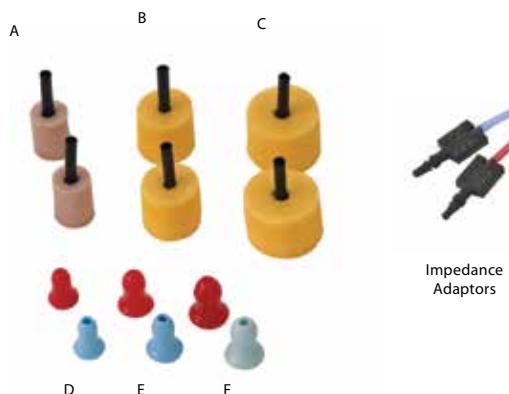
TDH-39, 10- or 300-ohm compatible speakers with 1-ms acoustic delay. Approximates TDH-39 and TDH-49 response at the eardrum. Recommended for ECoG's, BAEPs in infants, and intraoperative applications. Kits include: 2 speakers, attachable velcro patient strap, 3 pairs of color-coded tubing, 2 impedance 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.

product	part #	qty	cost
ER-3C 10 ohms kit	198235-000	1	
Summit cable	199295-200	1	
Wave/Cascade cable	355351-200	1	
IOMAX® cable	199291-200	1	
Pro™ cable	355350-200	1	
Replacement tubing (Clear, red+blue stripes)	202698-000	1 pair	

Ear Tips and Impedance Adaptors

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

product		size	part #	qty	cost
Foam ear tips	A	pediatric	202692-000	50/pk	
	B	adult	202710-000	50/pk	
	C	jumbo	202693-000	24/pk	
Connectors		-	202691-000	10/pk	
Neonate/ Pediatric Ear Tips	D	4mm (0.16 in)	202742-200	20/pk	
	E	5mm (0.20 in)	202743-200	20/pk	
	F	6mm (0.24 in)	202744-200	20/pk	
Impedance adapters	G	-	202690-000	5/pk	



Gold Foil Ear Tips and Tubing with Recording Lead Wire

Order the gold foil ear tips together with the tubing.

product	part #	qty	cost
Tubing, recording lead wire	202688-000	1 pair	
Pediatric gold foil ear tips	202695-000	20/pk	
Adult gold foil ear tips	202689-000	20/pk	

Right Angle Insert Earphone Supplies

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

product	part #	qty	cost
Right-angle threaded adapter	202681-200*	10/pk	
Foam ear tips – slim 0	202682-000*	12/pk	
Foam ear tips – standard 0	202683-000*	12/pk	
Replacement tubing (Clear, red+blue stripes)	202698-000*	1 pair	

*Call for availability



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 one set of probes and 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.

	product	part #	qty	cost
A	Sierra Summit StimTroller Plus™	190274-200	1	
B	Sierra Wave StimTroller™	190217-200	1	
C	Sierra Ascent Stimulator	190277-200	1	
D	Sierra II, Sierra Series, Central series, 6200A Stimulator	190140-200	1	



A. Straight Probe, large diameter



B. Straight Probe, small diameter



C. Straight Probe with Pointed Tip



D. Felt Pad Tip Probe



Straight Probe

Cadwell® Stimulator Probes with Touch-proof Connectors for StimTroller Plus™ and StimTroller™

Replacement probes with touch-proof connectors for Summit and Wave electrical stimulators A and B above.

	product	part #	qty	cost
A	Straight Probe, large diameter, round head .250 in / 6.35mm	339073-200	1	
B	Straight Probe, small diameter, round head .187 in / 4.75mm	339080-200	1	
C	Straight Probe with Pointed Tip	339078-200	1	
D	Felt Pad Tip Probe	339079-200	1	
	Felt Pad Replacement Tips	302703-200	12/pk	

Cadwell® Stimulator Probe for Ascent, Sierra II, Central, Excel Plus and 6200A Electrical Stimulators

Replacement probes for electrical stimulators C and D above.

product	part #	qty	cost
Straight Probe	360039-200	1	



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 #	qty	cost
302228-200	1	



Cadwell® Auditory Bone Transducer

10 ohm Bone transducer for use with auditory EP testing.

product	Summit	Wave	Sierra II	Cascade	part #	qty	cost
Lemo-style	✓				199276-200	1	
15 pin		✓	✓	✓	199224-200	1	



Sierra Summit Technical Manual

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



Ultrasound Transducer Probes and Accessories

Sierra® Summit™ EMG with integrated ultrasound lets you perform an ultrasound without switching machines or even applications. Complement your electrodiagnostic testing, improve diagnoses and treatment decisions, and augment needle guidance and injections. Two ultrasound hardware solutions with a variety of probes make the Sierra® Summit™ EMG with integrated ultrasound affordable, flexible and functional. Contact Cadwell or your Cadwell sales manager for more information about the MicrUs and SmartUs Ultrasound systems and the Summit Ultrasound Software License.

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

SmartUs Ultrasound Transducer Probes

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

**Call for availability*



MicrUs Ultrasound Transducer Probes

product	part #	qty	cost
L15-6L25S-3 6.0-15.0 MHz Linear 25mm	198238-000*	1	
L12-5L40S-3 5.0-12.0 MHz Linear, 40mm	198241-000*	1	
MicrUs C-Clamp Holder	334850-000*	1	
Probe C-Clamp Holder	334852-000*	1	
Carry Case	198246-000	1	

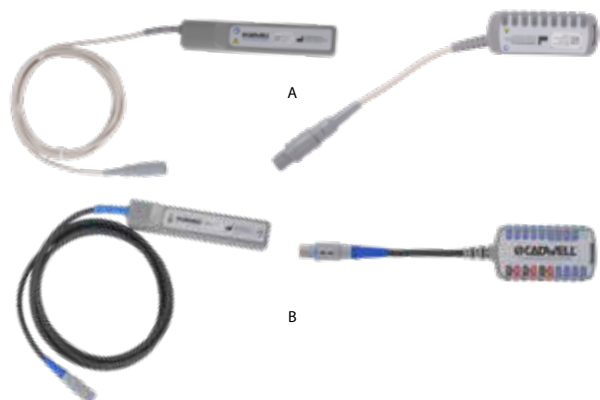
**Call for availability*



Sterile Ultrasound Probe Covers

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

IONM | CASCADE IOMAX ACCESSORIES



IOMAX® Cortical Module Extender Pods

	product	part #	qty	cost
A	TCS-9 Output Adapter with cable and Output Extender	9720396	1	
B	16 Channel Amplifier Input Adapter with cable and Input Extender	9720397	1	

Disposable SpO2 Probes

Measure pulse oximetry and heart rate on up to four limbs during a case. Connects to IOMAX® Limb Modules.

part #	qty	cost
304000-000	24/box	

IOMAX® SafeT® Cable

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

product	part #	qty	cost
8m	199284-000	1	
3m	362058-000-030	1	

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.

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

IOMAX® Accessories and Cable

product	part #	qty	cost
Rail Mount Hanger	339100-000	1	
Low Current Interface Cable	362061-000	1	
IOMAX Chain	197293-200	1	
Pocket Chain	067005-000	1	

IOMAX® Goggles

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





IOMAX® C-Clamp

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

part #	qty	cost
190297-200	1	



Cadwell® Pelican® Case with IOMAX Inserts

part #	qty	cost
198240-200	1	



IOMAX® Technical Manual

product	part #	qty	cost
CD, Technical Manual, IOMAX	100880-621-200	1	
USB, Technical Manual, IOMAX	100880-621-201	1	



Two-Amp Holder (Garage) for Cascade® Pro™

Order IONM systems through your Cadwell Regional Sales Manager.

part #	qty	cost
197245-200	1	



Cascade® Pro™ Remote Input Extender Pod

Replacement 16 inputs extender pods for Cascade Pro.

product	length		part #	qty	cost
Input Extender Pod	3m	10 ft	199251-200*	1	
Input Extender Pod	6m	20 ft	199252-200	1	

*Call for availability



Cascade® Pro™ Quick Adapts

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

part #	qty	cost
197277-200	4/pk	



Module



Clip



QuickConnect Cable



Cadwell® 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 the 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.

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

Cadwell® LED Goggles

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

part #	qty	cost
197253-200	1	



Cadwell® Cable Extension, 5-port yoke

7.6m (25 feet) cable extension with a 5-port yoke extends touch- proof red and black inputs for use with TCS-1000 and TCS-4.

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

IONM | CASCADE PRO ACCESSORIES



QuickConnect
Replacement



QuickConnect
Connector Saver

Cascade® Pro™ QuickConnect Replacement Kit

Replacement parts for the Pro cable connections at the base.

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



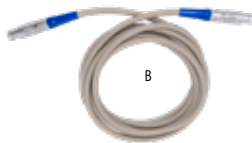
Pocket Chain

18 inch pocket chain with trigger snap to hang your module bedside.

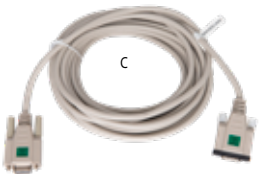
part #	qty	cost
067005-000	1	



A



B



C



D



E



F



G



H

Cascade® Pro™ Cables

Replacement parts for the Pro cable connections at the base.

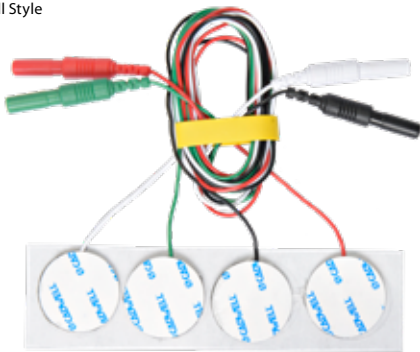
product	length	part #	qty	cost
A Short ES-IX	3m 9.7 ft	362049-200-003	1	
A Long ES-IX	6m 19.6 ft	362049-200-006	1	
B ES-IX Daisy Chain	3m 9.7 ft	199269-200	1	
C Short Aux	3m 9.7 ft	355320-200	1	
C Long Aux	7.6m 25 ft	355325-200	1	
D Short Amp	0.22m 0.75 ft	199262-200-009	1	
D Medium Amp	3m 9.7 ft	362031-000	1	
D Long Amp	7.6m 25 ft	362029-000	1	
E Short Input Extender	3m 9.7 ft	199251-200	1	
E Long Input Extender	6m 19.6 ft	199252-200	1	
C VEP Extension	7.6m 25 ft	355325-200	1	
F BAEP Extension	7.6m 25 ft	355339-200	1	
G Hospital grade AC power cord	3m 9.7 ft	286081-000	1	
H Ethernet - 10BASE-T	0.6m 2 ft	286054-000	1	
H Ethernet - 10BASE-T	2.1m 7 ft	286050-000	1	



Cascade® Pro™ Technical Manual

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

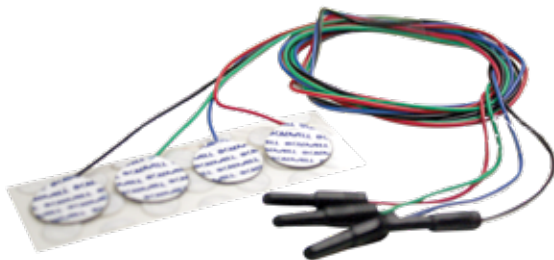
New Cadwell Style



Cadwell® Disposable Disc Electrodes with Leads

Four disposable silver/silver chloride coated disc electrodes with hydrogel are attached to wires in red, white, black, and green. Disc diameter is 19mm (0.75 in). Individually sealed sets of four leads. Single patient use only.

New Cadwell Style				
length		part #	qty	cost
1m	40 in	302294-000-040	48/box	
2m	80 in	302294-000-080	48/box	



Original Cadwell Style

Cadwell® Disposable Disc Electrodes with Leads

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 19mm (0.75 in). Individually sealed sets of four leads. Single patient use only.

Original Cadwell Style				
length		part #	qty	cost
1m	39 in	302290-000	20/box 5 or more	

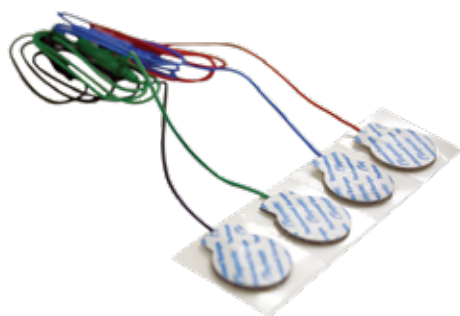
Cadwell® Disposable Surface Electrodes with Lead Wires

Single surface electrodes are pre-attached to wires in red, black, white, green. Twisted surface electrodes are pre-attached to wires 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 24 individually sealed sets of twisted pairs. Hydrogel is formulated so it stays on the patient better and still movable. Single patient use only.



Single Disposable Surface Electrodes				
length		part #	qty	cost
20x15mm	1.5m 60 in	302851-000-060*	12/box	
27x20mm	1.5m 60 in	302852-000-100	12/box	
Surface, Twisted Disposable Electrodes				
length		part #	qty	cost
20x15mm	1.5m 60 in	302853-000-060	24/box	
20x15mm	2.5m 100 in	302853-000-100	24/box	
27x20mm	1.5m 60 in	302854-000-060	24/box	
27x20mm	2.5m 100 in	302854-000-100	24/box	

*Call for availability



Technomed Disposable 4 Discs with Lead Wires

Easy to reposition with no gel residue. Pre-gelled soft and flexible electrode pads have a silver/silver chloride conductive layer. Lightweight and flexible PVC wires with touch-proof safety connectors come in red, blue, green and black. Disc diameter is 20mm. Single patient use only.

length		part #	qty	cost
1m	39 in	202290-000-010	10/box	
2m	80 in	202290-000-020	10/box	



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.

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

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.

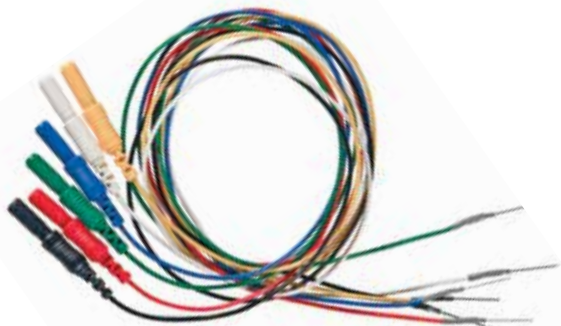


length	needle	diameter	part #	qty	cost
1m	40 in	13mm 0.5 in	0.4mm 27G	302353-000-040	24/box
1.5m	60 in	7mm 0.27 in	0.35mm 28G	302354-000-060*	24/box
1.5m	60 in	7mm 0.27 in	0.4mm 27G	302355-000-060*	24/box
1.5m	60 in	17mm 0.66 in	0.45mm 26G	302356-000-060*	24/box
1.5m	60 in	23mm 0.9 in	0.4mm 27G	302359-000-060*	24/box
1.5m	60 in	13mm 0.5 in	0.4mm 27G	302353-000-060	24/box
2m	80 in	13mm 0.5 in	0.4mm 27G	302353-000-080	24/box
2.5m	100 in	13mm 0.5 in	0.4mm 27G	302353-000-100	24/box

*Call for availability

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: 12mm (0.5 in) diameter: 0.4mm (27G).



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

Technomed Disposable XS (Extra Small) Subdermal Needle Electrodes

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



part #	qty	cost
202307-000-015	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.



13 x 0.4mm (0.5 in x 30G) parallel needle pairs				
length	part #	qty	cost	
1m	3.2 ft	302822-000-040*	10/box	
1.5m	4.9 ft	302822-000-060	10/box	
2m	6.5 ft	302822-000-080*	10/box	
2.5m	8.2 ft	302822-000-100	10/box	
17 x 0.45mm (0.6 in x 26G) parallel needle pairs				
length	part #	qty	cost	
1.5 m	4.9 ft	302823-000-060*	10/box	

*Call for availability



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.

length		needle		diameter		part #	qty	cost
1.5 m	60 in	7mm	0.27 in	0.4mm	27G	302826-000-060*	12/box	
1.0 m	40 in	13mm	0.5 in	0.4mm	27G	302820-000-040	12/box	
1.5 m	60 in	13mm	0.5 in	0.4mm	27G	302820-000-060	12/box	
1.5 m	60 in	19mm	0.74 in	0.4mm	27G	302827-000-060*	12/box	
2 m	80 in	13mm	0.5 in	0.4mm	27G	302820-000-080	12/box	
2.5 m	100 in	13mm	0.5 in	0.4mm	27G	302820-000-100	12/box	

*Call for availability



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.

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

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



Cadwell® Disposable 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 x 0.4mm (0.5 in x 30G), 1.5m lead. Single patient use only.

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



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.

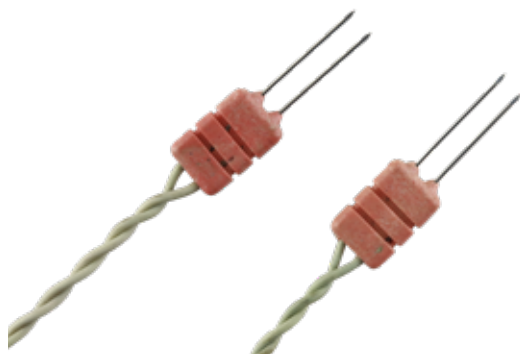
length		color	part #	qty	cost
1.2 m	48 in	multi	302357-000	24/box	
2 m	80 in	multi	302358-000	24/box	



Cadwell® Sterile Twisted Corkscrew Disposable Needle Electrodes

Stainless steel 0.6mm (23G) corkscrew needle electrodes with varying lead lengths. Single patient use only.

length		part #	qty	cost
1.2m	3.9 ft	302360-000-048	12/box	
1.5m	4.9 ft	302360-000-060	12/box	
2m	6.5 ft	302360-000-080	12/box	
2.5m	8.2 ft	302360-000-100	12/box	



Cadwell® ENT Dual Disposable Needle Electrodes

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

length		part #	qty	cost
1m	3.2 ft	302825-000-040*	12/box	
1.5m	4.9 ft	302825-000-060*	12/box	
2m	6.5 ft	302825-000-080*	12/box	
2.5m	8.2 ft	302825-000-100*	12/box	

*Call for availability

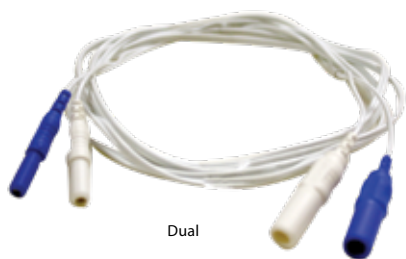


Technomed Hooked Needle Electrodes

Tangle-free, color-coded 2m (80 in) lead wires and stainless steel lancet cut 21 x 0.45mm (0.83 in x 26G) needle tip offer easy insertion and clear signals. Red, green, black, white, yellow and blue. EO gas sterilized. Single patient use only.

part #	qty	cost
202306-000-020*	24/box	

*Call for availability



Dual



Quad



Cadwell® Dual and Quad Extension Lead Wires

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

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

*Call for availability

Cadwell® Reference Jumper

Reference jumper features two stackable, 1.5mm (0.06 in) touch-proof connectors and an ultra-flexible lead wire.

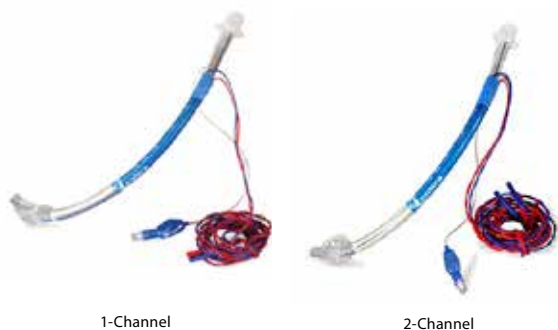
	length		color	part #	qty	cost
	15cm	6 in	blue	302169-200	1	
	249cm	98 in	red	302167-200	1	



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 121cm (48 in) ribbon cable terminates in standard touch-proof connectors. Individual sterile packaging. Single patient use only.

part #	qty	cost
202830-000	1	



1-Channel

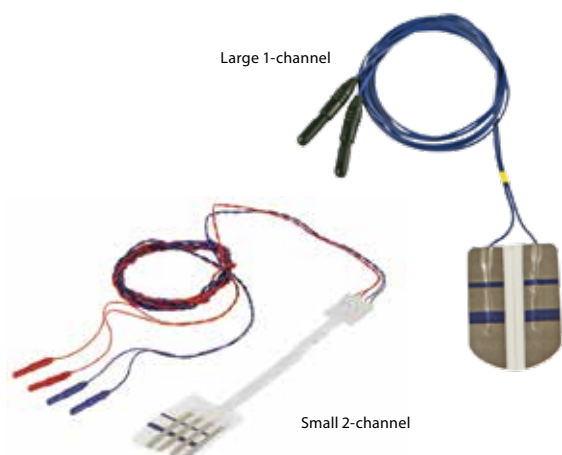
2-Channel

1- and 2-channel Cobra™ ET Tube Electrodes

Cobra® ET Tube Electrodes by Neurovision™ Medical Products are integrated into a standard ET tube and work with all nerve monitors. A large electrode area simplifies placement of the electrodes on the vocal cords. All EMG ET Tubes come with two subdermal needles with 1.5m (4.9 ft) lead wires, and one 12mm long needle with 0.4 mm / 27 G diameter.

product	part #	qty	cost
1-ch 6.0mm	202428-030*	5/box	
1-ch 7.0mm	202428-040*	5/box	
1-ch 8.0mm	202428-050*	5/box	
2-ch 6.0mm	202429-030*	5/box	
2-ch 7.0mm	202429-040*	5/box	
2-ch 8.0mm	202429-050*	5/box	

*Call for availability



Large 1-channel

Small 2-channel

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 world-wide. Individually packaged, comes in boxes of five. Single patient use only. Not for EMT use.

product	fits ET Tube	length	part #	qty	cost
Large 1-ch	8 - 9.5mm	76cm 30 in	202426-000	1	
Small 2-ch	6 - 7.5mm	200cm 78 in	202427-030	1	
Large 2-ch	8 - 9.5mm	200cm 78 in	202427-050	1	

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 4mm diameter with 2.3mm exposure and 10mm spacing in a flexible silastic body. Individually sterile packaged. Reusable connection cable sold separately. Also available in a one-piece version that is completely disposable. Single patient use only.



Subdural strip electrode	part #	qty	cost
1x4	202400-000	1	
1x6	202402-000	1	
Reusable 1.8m / 6 ft electrode cable	part #	qty	cost
1x4 cable	202401-000	1	
1x6 cable	202403-000	1	
Subdural strip electrode with attached cable	part #	qty	cost
1x4	202404-000	1	
1x6	202405-000	1	
1x8	202406-000	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 2m (6.5 ft). Individual sterile packaging. Single patient use only.

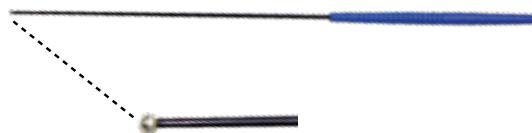
shaft length		part #	qty	cost
90mm	4 in	302427-000	10/box	
275mm	11 in	302427-000-275	5/box	



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 90mm (4 in) and lead length 2m (6.5 ft). Individual sterile packaging. Single patient use only.

part #	qty	cost
302426-000	10/box	



Cadwell® Disposable Ball-Tip Monopolar Probe

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

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



Cadwell® 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 2mm. Add a 30 degree bend in the shaft for use under a microscope. 90mm shaft, 2mm spacing. Lead length 2m (6.5 ft). Individual sterile packaging. Single patient use only.

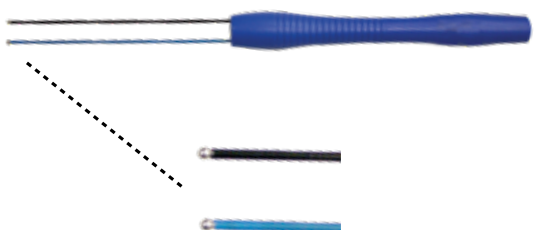
part #	qty	cost
302429-000	10/box	



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 90mm (4 in). Individual sterile packaging. Single patient use only.

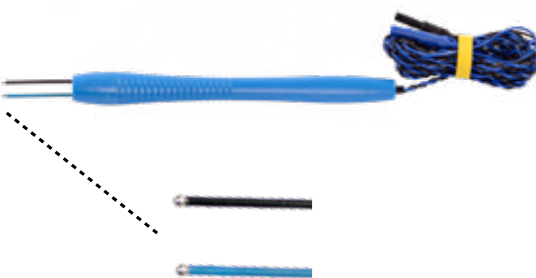
part #	qty	cost
302425-000	10/box	



Cadwell® Disposable Double Ball-Tip Probe

Stimulate or record directly from the peripheral nerves and nerve roots. The Ø2mm Double Ball tips are spaced 10mm apart on 80mm shafts. Lead length 2m (6.5 ft). Individual sterile packaging. Single patient use only.

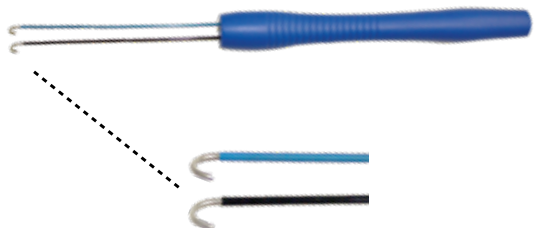
part #	qty	cost
302431-000	1	



Cadwell® Bipolar Cortical Stim Ball-Tip Probe

Stimulate the cerebral cortex directly. The Ø2mm Double Ball tips are spaced 10mm apart on 30mm shafts. Lead length 2m (6.5 ft). Individual sterile packaging. Single patient use only. Cleared for cortical stimulation when used with Cascade IOMAX.

part #	qty	cost
302431-000-030	1	



Cadwell® Disposable Double and Triple Hook Probes

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

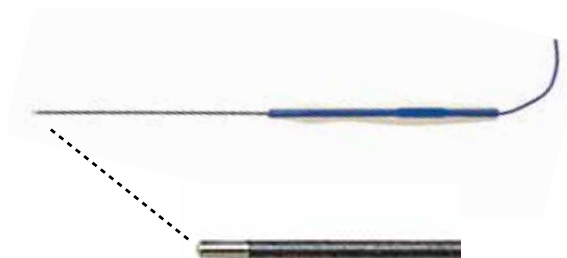
length	part #	qty	cost
90° Double Hook Probe	302420-000	1	
100° Double Hook Probe	302421-000	1	
180° Double Hook Probe	302422-000	1	
100° Triple Hook Probe	302423-000	1	
180° Triple Hook Probe	302424-000	1	



Cadwell® Disposable Bent Ball-Tip Monopolar Probe

Stimulate pedicle screws. The 20cm (7.8 in) insulated shaft after 75 degree bend helps prevent current shunting and the exposed Ø2.3mm ball tip provides a contact area for stimulation. Individual sterile packaging. Single patient use only.

part #	qty	cost
302428-000	10/pk	



Cadwell® XL Monopolar Stimulating Probe

This extra large 33.5cm (13.25 in) probe is used for direct nerve stimulation, pedicle screw stimulation, and stimulating across the bulk of a tumor to identify the course of a nerve. It is Teflon® coated to the 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 1.83m (6'). Individual sterile packaging. Single patient use only.

part #	qty	cost
302416-000*	1	

**Call for availability*



DryTouch® Suction Stimulator Probe with Needles

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

part #	qty	cost
202419-000*	5/box	

**Call for availability*



Cadwell® Patented Multi-Stage Clip

Clip-on style lead wire has a 1.5mm 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 1.83m (6'). Sterilized for single use.

part #	qty	cost
302775-200	1	
	10 - 49	
	50 - 199	
	200 or more	



Cadwell® Clip-On Lead Wire

Clip-on style lead wire has a 1.5mm touch-proof connector and a right angle plunger tip ideal for clipping onto instruments and probes. Up to 6.35mm (.25 in). Lead length 1.83 m (6'). Sterilized for single use.

part #	qty	cost
302773-200	1	
	10 - 49	
	50 - 199	
	200 or more	



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	cost
198213-000	1	



AVIO



Dazzle

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.

product	part #	qty	cost
AVIO HD Microscope adapter	198256-000*	1	
AVIO SDI Microscope Video Adapter	198252-000	1	
Dazzle kit with 12' cable	9720101	1	
Dazzle kit with 50' cable	9720102	1	
Coaxial cable 3m (12')	199002-200	1	
BNC/BNC video cable 15m (50') (for use with AVIO)	199250-200-050	1	
Video converter (buy with *)	290157-000*	1	
*BNC to RCA adapter	277024-000	1	

*Call for availability



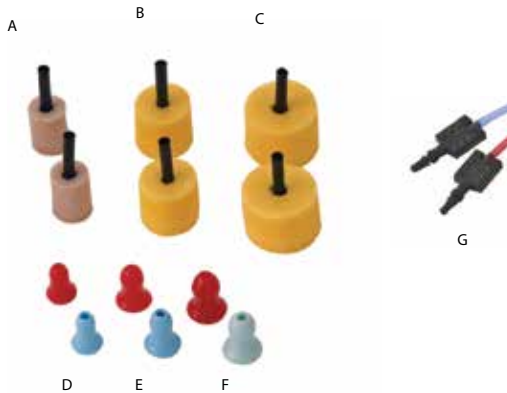
Insert Earphone Kit

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 ECoG's, 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.

product	part #	qty	cost
ER-3C 10 ohms kit	198235-000	1	
IOMAX® cable	199291-200	1	
Pro™ cable	355350-200	1	
Summit cable	199295-200	1	
Wave/Cascade cable	355351-200	1	
Replacement tubing (Clear, red+blue stripes)	202698-000	1 pair	

Ear Tips and Impedance Adaptors

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



product		size	part #	qty	cost
Foam ear tips	A	pediatric	202692-000	50/pk	
	B	adult	202710-000	50/pk	
	C	jumbo	202693-000	24/pk	
Connectors		-	202691-000	10/pk	
Neonate/ Pediatric Ear Tips	D	4mm (0.16")	202742-200	20/pk	
	E	5mm (0.20")	202743-200	20/pk	
	F	6mm (0.24")	202744-200	20/pk	
Impedance adapters	G	-	202690-000	5/pk	

Gold Foil Ear Tips and Tubing with Recording Lead Wire

Order the gold foil ear tips together with the tubing.



product	part #	qty	cost
Tubing, recording lead wire	202688-000	1 pair	
Pediatric gold foil ear tips	202695-000	20/pk	
Adult gold foil ear tips	202689-000	20/pk	

Right Angle Insert Earphone Supplies

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



product	part #	qty	cost
Right-angle threaded adapter	202681-200*	10/pk	
Foam ear tips – slim 0	202682-000*	12/pk	
Foam ear tips – standard 0	202683-000*	12/pk	
Replacement tubing (Clear, red+blue stripes)	202698-000*	1 pair	

*Call for availability



Arc™ 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.

product	part #	qty	cost
Remote input box	190294-200	1	
3m (10 ft) cable	199283-000-010	1	
7.6m (25 ft) cable	199283-000-025	1	



Cadwell® Patient Event Switch

Plugs into the Patient Event connection on the Arc Essentia.

length	part #	qty	cost
3m 10 ft	199244-200-010	1	
7.6m 25 ft	199244-200-025	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.

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



Cadwell® Arc™ Essentia™ Wall Bracket

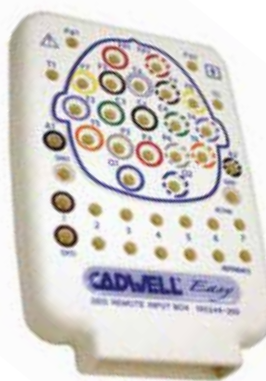
Mount the Arc Essentia to the wall. Quick-release pin.

part #	qty	cost
334837-000	1	



Cadwell® Arc™ Essentia™ Technical Manual

product	part #	qty	cost
CD, Technical Manual, ARC Essentia	100870-621-200	1	
USB, Technical Manual, ARC Essentia	100870-621-201	1	



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.

Remote Input Boxes	Inputs side	top	Easy III	II	part #	qty	cost
10-20 low profile EEG	✓		✓		190229-200	1	
1-32 channel	✓		✓		190230-200	1	
33-64 channel	✓		✓		190231-200	1	
65-96 channel	✓		✓		190232-200	1	
97-128 channel	✓		✓		190233-200	1	
10-20 pattern		✓	✓	✓	190249-200	1	
10-20 pattern PSG		✓	✓	✓	190256-200	1	
Accessories					part #	qty	cost
10 ft cable			✓	✓	199216-000	1	
20 ft cable			✓	✓	199216-000-020	1	
30 ft cable			✓	✓	199216-000-030	1	
Remote input box pouch					198214-000	1	
Replacement lanyard					067002-000	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.

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



Cadwell® Patient Event Switch

Plugs into the Patient Event connection on the Arc Essentia.

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



Cadwell® Easy III Power/Communication Module

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

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



Easy® III Amplifier Wall Bracket

Use to mount the Easy III amplifier to the wall.

part #	qty	cost
334760-000	1	



Easy® III Amplifier Technical Manual

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



1 inch Square Patch



Offset Wet Gel Patch

Snap Patch Electrodes

Disposable patch electrodes are available in square and offset designs. The 1 inch square 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. For use with the Cadwell® Snap Connector Lead Wires. Single patient use only.

product	part #	qty	cost
1 inch Square	302700-000	30/pk 10 or more	
Offset	202696-000	25/pk	



Black Twist
Patch Electrodes

Color-Coded
Patch Electrodes



Soft Tip Sensor



FlexiWrap Sensor



Disposable SpO2 Sensor



Oximeter Extender Cable



Cloth Disposable
Sensor



Pediatric Flex Sensor



Forehead Reflectance
SP02 Sensor



Forehead Reflectance
SP02 Holder



Neonatal Flex Wrap Sensor



Infant Flex Wrap



Adult Flex Wrap



Flex Wrap Sensor



Ear Clip Pulse Oximeter Sensor

Cadwell® Snap Connector Lead Wires

Color-coded lead wires with snaps are designed for use with snap patch electrodes, the BrainNet® electrode template system, and the Cadwell color-coded input boxes.

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

*Call for availability

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.

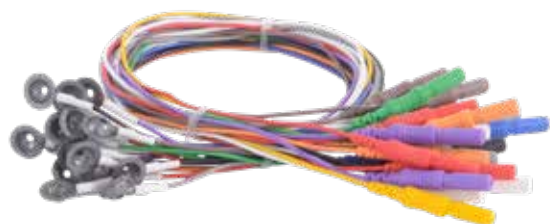
product	size / length	part #	qty	cost
Soft Tip Sensor	large, 3m (118 in)	202948-050-300	1	
Soft Tip Sensor	large, 1m (39 in)	202948-050-100	1	
Soft Tip Sensor	medium, 3m (118 in)	202948-040-300	1	
Soft Tip Sensor	medium, 1m (39 in)	202948-040-100	1	
Soft Tip Sensor	small, 3m (118 in)	202948-030-300	1	
FlexiWrap Sensor	adult, 3m (118 in)	202942-000-300	1	
FlexiWrap Sensor	adult, 1m (39 in)	202942-000-100	1	
FlexiWrap Sensor	adult, 0.2m (8 in)	202942-000-020	1	
FlexiWrap Sensor	pediatric, 1m (39 in)	202944-030-100	1	
FlexiWrap Sensor	neonate	202617-000	1	
Oximeter Extender Cable	3m (118 in)	202949-000	1	
Disposable SpO2 Sensors	adult, 1.2m (47 in)	202941-030	24/box	
Cloth Disposable Sensor	pediatric, 1m (39 in)	202940-020	24/box	
Cloth Disposable Sensor	infant 1m (39 in)	202940-010	24/box	
Pediatric Flex Sensor 1m w. 25 flex wraps	pediatric, 1m (39 in)	202944-030-100	25/pk	
Forehead Reflectance SP02 Holder	one-size	203011-000	10 plastic caps	
Forehead Reflectance SP02 Sensor	one-size	203012-000	1	
Flex Wrap sensor / use with 203009-000 & 203010-000	neonatal / infant	202948-030-300	25/pk	
Adult Flex Wrap	adult	202945-000	25/pk	
Neonatal Flex Wrap Sensor	neonate	203009-000	25/pk	
Infant Flex Wrap	infant	203009-010	25/pk	
Ear Clip Pulse Oximeter Sensor	one-size	203010-000	1	



Cadwell® Gold Cup Electrodes

10mm (0.4 in) diameter cups are overmolded to multi-color lead wires and have 2mm (0.08 in) holes for easy paste/collodion application. They are available in a variety of lengths to suit many different needs. Pediatric cups are 6.5mm (0.25 in).

product	length		color	part #	qty	cost
Adult Gold Cup	0.8m	32 in	assorted	302768-200	26/pk	
EEG Gold Cup Sample Kit	1.22m	48 in	assorted	302736-200	6/pk	
EEG Gold Cup	1.22m	48 in	black	302132-200	10/pk	
	1.22m	48 in	yellow	302055-200	10/pk	
	1.22m	48 in	red	302058-200	10/pk	
	1.52m	60 in	black	302641-200	10/pk	
	1.52m	60 in	yellow	302644-200	10/pk	
	1.52m	60 in	red	302647-200	10/pk	
PSG Gold Cup	2.8m	110 in	black	302695-200	6/pk	



Cadwell® Disposable EEG Cup Electrodes

Cadwell's disposable EEG 10mm deep 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 15 & 25 multi-colored leads per pack.

leadwire length	part #	qty	cost
12 in	302642-000-012	25/pk	
48 in	302642-000-048	25/pk	
60 in	302642-000-060	25/pk	
98 in	302642-000-098	15/pk	



Technomed Gold Cup Electrodes

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

product	length		cup	part #	qty	cost
Adult	1m	40 in	10mm	202110-000-040	12/pk	
Adult	1.5m	60 in	10mm	202110-000-060	12/pk	
Adult	2m	80 in	10mm	202110-000-080	12/pk	
Adult	2.5m	100 in	10mm	202110-000-100*	12/pk	
Pediatric	1m	40 in	6mm	202111-000-040*	12/pk	
Pediatric	1.5m	60 in	6mm	202111-000-060	12/pk	
Pediatric	2m	80 in	6mm	202111-000-080	12/pk	
Pediatric	2.5m	100 in	6mm	202111-000-100*	12/pk	

*Call for availability



Ambu® Disposable EEG Cup Electrodes

Use when a disposable cup electrode is desired. 10mm (0.4 in) diameter cups have 2mm (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.

leadwire length	part #	qty	cost
60 in	202100-000	10/pk	



Ives CPE (Conductive Plastic Electrode)

CPE are reusable, composed of silver-silver/chloride impregnated plastic, with an adapter and harness, which permits quick, reliable, error-free disconnection and reconnection of the patient from the EEG machine. These electrodes are ideal for ICU and other long-term monitoring applications and are MRI, CT and TMS Imaging Friendly™. * Not stocked. Lead time required. Call for custom sets. **Requires Ives EEG Harness Electrode Array.

CPE	part #	qty	cost
21 leads	202950-000*	1	
25 leads	202952-000*	1	

**Call for availability*



Ives EEG Harness Electrode Array for CPEs

The harness matches the electrode array. Connect EEG electrodes to the head-box of any EEG machine via individual "touch-proof" connectors so a patient can be easily disconnected from the recording apparatus via the small mass connections and then reconnected upon returning. * Not stocked. Lead time required. Call for custom sets. ** Requires Ives CPE.

Harness	part #	qty	cost
21 leads	202951-000*	1	
25 leads	202953-000*	1	

**Call for availability*



Head Cap System I

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.

Head Cap System:	I	II	III
part#	197156-000	197157-000	197158-000
Includes	qty	qty	qty
Extra-Small Head Cap (46-50cm)	-	-	1
Small Head Cap (50-54cm)	-	-	1
Medium Head Cap (54-58cm)	1	1	1
Large Head Cap (58-62cm)	-	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, 16oz (454g) jar	1	1	2
Head measuring tape	1	1	1
Liquid soap, 12oz (330g) bottle	1	1	1
Instruction manual	1	1	1

Apollo Accessories

For use with the Arc Apollo Ambulatory Recorder system. Please note that the Arc Apollo Batteries must ship ground, cannot ship FedEx Express.



Apollo Cable



Apollo Cable
USB



product	length		part #	qty	cost
Apollo to Amp Cable	127mm	5 in	199296-000-005	1	
Apollo to Amp Cable	254mm	10 in	199296-000-010	1	
Apollo to Amp Cable	1m	40 in	199296-000-040	1	
Apollo to Amp Cable	1.78m	70 in	199296-000-070	1	
Apollo to Amp Cable	3.05m	120 in	199296-000-120	1	
Apollo to Amp Cable	9.1m	360 in	199296-000-360	1	
Apollo to Amp Cable, USB	3m	118 in	286127-000	1	

product	part #	qty	cost
Apollo Battery Kit	9600725	1	
Apollo Battery	245019-000	1	
Apollo Battery Charger	229052-000	1	
Apollo Ambulatory Kit	9600726	1	

product	part #	qty	cost
Apollo Technical Manual, CD	100871-621-200	1	
Apollo Technical Manual, USB	100871-621-201	1	
Backpack	202580-000	1	

AMBULATORY EEG & PSG



Cadwell® Voice Event Microphone

Attaches to patients clothing and allows for voice diary entries. For use with Easy Ambulatory and Arc Alterna systems.

part #	qty	cost
197208-200	1	



Cadwell® Ambulatory Harness

Secure the ambulatory amplifier to the patient.

**Replaces the Chest, Limb and Shoulder Straps.*

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



Recorder case and waist belt



'D' cell Recorder case



EasyNet® Pouch and Easy Ambulatory Modules

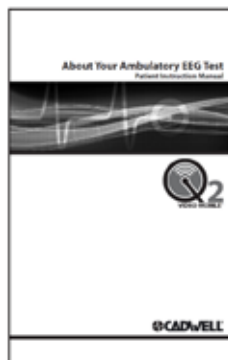


Amplifier and Amplifier Pouch

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.

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



Cadwell® Easy® Ambulatory Accessories

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



QVM2 Camera Tripod

Cadwell® Q-Video Mobile 2 Accessories

product	part #	qty	cost
QVM2 Camera Tripod	198229-000	1	
QVM2 Carry Case	198246-000	1	
QVM2 Reset Tool	020007-000	1	
Cable, USB 6 ft (A-B)	286065-000	1	
QVM2 Power Supply, 2.5mm	229045-000	1	
Power Supply Power Cord	286102-000	1	

Cadwell® Q-Video Mobile 3 Accessories

	product	part #	qty	cost
A	Reset Tool, Allen Wrench .0937 in, QVM3	020008-000	1	
B	Tripod, Pocket Support, Black, QVM 2	198229-000	1	
C	Carrying Case, Generic	198246-000	1	
D	Power Supply, 12V 30W Desktop 2.5mm Plug	229045-000	1	
E	Cable, USB 6-Feet (A-B)	286065-000	1	
F	Cord, 30W Power Supply	286102-000	1	
G	SATA Adapter Cable	286126-000	1	

Cadwell® EasyNet® Cables and Cable Tester

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

cable color	length		part #	qty	cost
black	0.12m	5 in	199236-200-005	1	
yellow	0.25m	10 in	199236-200-010	1	
red	1.01m	40 in	199236-200-040	1	
white	1.77m	70 in	199236-200-070	1	
black	4.57m	180 in	199236-200-180	1	
accessories					
EasyNet® cable tester			190219-200	1	
Easy® Ambulatory recorder battery cable			197200-200	1	
Interconnect cable: recorder to computer (RJ-45 to 9 pin D)			362034-000	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.

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



EasyNet® Cable

EasyNet® Cable Tester





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.

product	part #	qty	cost
PSG 10-20 pattern	190256-200	1	
EEG 10-20 pattern	190249-200	1	
10 ft cable	199216-000	1	
20 ft cable	199216-000-020	1	
30 ft cable	199216-000-030	1	
Replacement Lanyard	067002-000	1	



Easy III Amplifier Wall Bracket

Use to mount the Easy III amplifier to the wall.

part #	qty	cost
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.

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





Cadwell® Easy III Power/Communication Module

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

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



Louroe Intercom System

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



Speaker & Audio Mixers

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

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

*Special order requires lead time.



Nonin® RespSense™ Tabletop EtCO₂ Monitor

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.

product	part #	qty	cost
Nonin EtCO ₂ Monitor	198212-000*	1	
EZ3 Nonin Adaptor Cable	199259-000*	1	
Moisture Trap	202630-000*	1	

**Call for availability*



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.

product	part #	qty	cost
Monitor with sensor, starter kit, and analog output cable	9600201*	1	Call for pricing
Monitor with 18-month program sensor, starter kit, and analog output cable	9600202*	1	Call for pricing

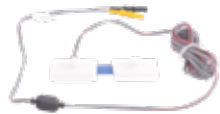
**Special order requires lead time.*



Smiths Medical BCI® Capnocheck® Sleep Capnograph

The Smiths Medical BCI® Capnocheck® Sleep Capnograph is a table top device designed for sleep studies to include up to three analog outputs (EtCO₂ value, EtCO₂ waveform, inspired CO₂ and respiratory rate) for use with the Cadwell Easy III PSG system. The Smiths Medical BCI® Capnocheck also provides a crisp, clear display for displaying waveforms and numerical data. The Analog Output Adapter and DC Cable are both required to work with Cadwell systems.

product	part #	qty	cost
Capnocheck®	198221-000	1	
Analog Output Adapter	199266-000	1	
DC Cable (3.5 ft mono x 4)	199245-200-006	1	
Moisture Trap	202631-000	5/pk	



Abdomen Effort Sensor



Chest Effort Sensor



Disposable Effort Belt Strap



Disposable Effort Kit


Disposable Effort Belt Straps
5-pack


Effort Belt Kit


Effort Belt Kit with SUM
Adult

Effort Belt Sensor and Chest Strap
Adult

Effort Belt Sensor and Abdomen Strap
Adult

Effort Belt Chest Sensor
Adult

Effort Belt Abdomen Sensor
Adult

EFM Interface Cables with SUM
Adult

DyMedix® 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

product	size/length	part #	qty	cost
PerfectFit 3D Kit Includes (2) Reusable Touchproof Sensors and (5) 50 yard rolls of Perfect-Fit 3D strap		203070-000*	1	
PerfectFit 3D Reusable Abdomen Effort Sensor	adult	203071-000*	1	
PerfectFit 3D Reusable Chest Effort Sensor	adult	203072-000*	1	
Disposable Effort Belt Strap	50 yards	203073-000*	1	
Disposable Effort Belt Straps	50 yards	203074-000*	5/pk	

DyMedix® PerfectFit 2

DyMedix PerfectFit 2 Reusable Effort Belts use PVDF technology which responds to both strain and pressure providing the most sensitive and responsive respiratory effort system in the industry. Compliant with AASM requirements for respiratory effort sensors for all ages.

product	size/length	part #	qty	cost
Effort Belt Kit: 2x sensors + 2x each straps	45 in, 60 in	202995-000	2/pk	
Effort Belt Kit with SUM: 2x(Sensors & 45 in straps)	45 in	203007-000*	2/pk	
Effort Belt Sensor & 45 in chest strap	45 in	202996-000*	1	
Effort Belt Sensor & 45 in abdomen strap	45 in	202997-000*	1	
Effort Belt Chest Sensor	-	202998-000	1	
Effort Belt Abdomen Sensor	-	202999-000	1	
EFM Interface Cable with SUM	-	203008-000*	1	
Effort Belt Straps	L 45 in	203000-050	2/pk	
Effort Belt Straps	XL 60 in	203000-060*	2/pk	
Effort Belt Straps	XXL 75 in	203000-070*	2/pk	

*Call for availability


Effort Belt Straps - 45 in
Large

Effort Belt Straps - 60 in
XL

Effort Belt Straps - 75 in
XXL



Effort Belt Kit Pediatric



Effort Belt Kit with SUM Pediatric



Effort Belt Sensor Pediatric



Effort Belt Abdomen Sensor Pediatric



EFM Interface Cables with SUM Pediatric

PerfectFit 2 Pediatric Belts & Sensors

Dymedix PerfectFit 2 Reusable Effort Belts use PVDF technology which responds to both strain and pressure providing the most sensitive and responsive respiratory effort system in the industry. Compliant with AASM requirements for respiratory effort sensors for all ages.

product	size/length	part #	qty	cost
Effort Belt Kit: 2x sensors + 2x each strap	15 in, 25 in, 35 in	202995-010*	1	
Effort Belt Kit with SUM: 2x sensors + 2x each strap	15 in, 25 in, 35 in	203007-010*	1	
Effort Belt Chest Sensor	-	202996-010*	1	
Effort Belt Abdomen Sensor	-	202997-010*	1	
EFM Interface Cable with SUM	-	203008-010*	1	
Effort Belt Straps	25 in	203000-020*	2/pk	
Effort Belt Straps	35 in	203000-030*	2/pk	
Infant Effort Belt Straps	15 in	203000-010*	2/pk	

*Call for availability



Effort Belt Straps 15 in



Effort Belt Straps 25 in



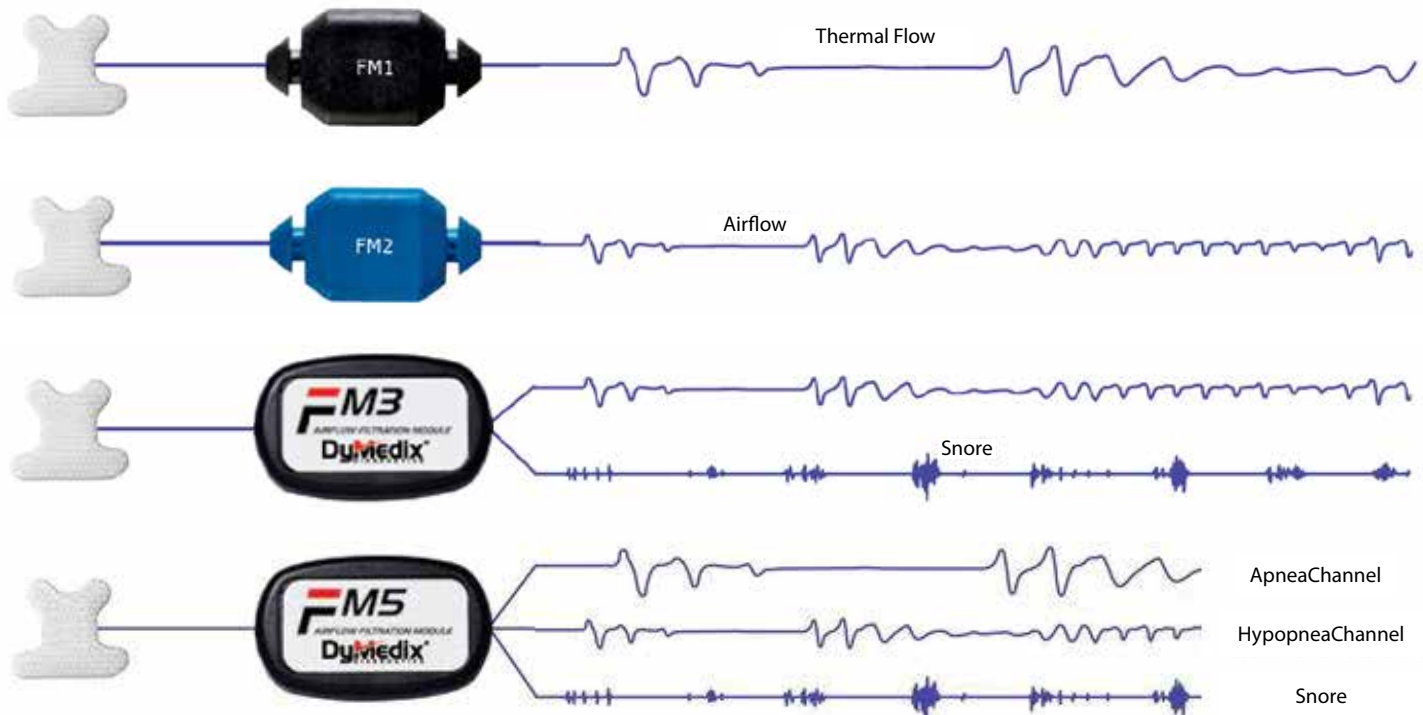
Effort Belt Straps 35 in

SnuggleFit Infant Effort Belts

The SnuggleFit™ Infant Effort Belt is a disposable respiratory effort system designed specifically for infants. The SnuggleFit™ responds to both strain and pressure, and incorporates Dymedix's disposable cut-to-size Button-hole™ Strapping material.



product	size/length	part #	qty	cost
SnuggleFit Infant Effort Starter Kit	-	203097-000	1	
SnuggleFit Infant Starter Kit with SUM	-	203098-000	1	
SnuggleFit Reusable Effort Belt Sensor	-	203099-000	1	
SnuggleFit Disposable Effort Belt	50 yard roll	203105-000-050	1	
SnuggleFit Disposable Effort Belt	250 yard roll	203105-000-250	1	



DyMedix® PVDF Airflow Sensors and Airflow Interface Cables for In-Lab PSG

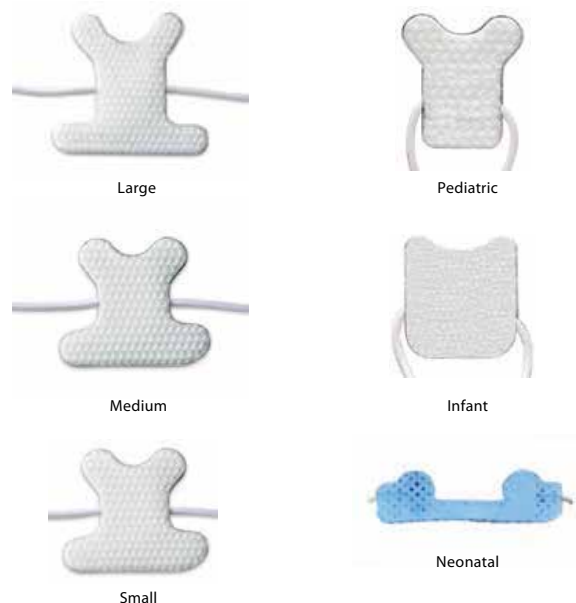
DyMedix Filtration Modules and sensors allow different filtering or output multiple channels from a single sensor.

airflow interface	cables	part #	qty	cost
FM1	Thermal Replacement	203026-000*	1	
FM2	Pressure Replacement	203028-000*	1	
FM3	Adds snore to FM2	203029-000*	1	
FM5	2x flow plus snore	203060-000*	1	

*Call for availability

Airflow Sensors

DyMedix Airflow Sensors are used with a choice of different Filtration Module (FM) Interface Cables that provide users a variety of waveform options and combinations. Users are able to record Apnea, Hypopnea, UARS and Snore all with one airflow sensor.



size	part #	qty	cost
large	203062-000-010*	10/pk	
large	203062-000-050*	50/pk	
medium	203027-000-010*	10/pk	
medium	203027-000-050*	50/pk	
small	203061-000-010*	10/pk	
small	203061-000-050*	50/pk	
pediatric	203065-000-010*	10/pk	
pediatric	203065-000-050*	50/pk	
infant	203064-000-010*	10/pk	
infant	203064-000-050*	50/pk	
neonatal	203063-000-010*	10/pk	
neonatal	203063-000-050*	50/pk	

*Call for availability



FastTrack Belt 10 Pack and Interface Cables Adult



FastTrack Belt 10 Pack and Interface Cables Pediatric



FastTrack Adult



FastTrack Pediatric



Interface Cables

DyMedix® FastTrack Disposable Effort Pack

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

FastTrack Adult			
product	part #	qty	cost
Adult Starter Kit (10-pack + 2 cables)	203081-000*	10/pk	
Adult 1-pack	203084-000*	1/pk	
Adult 20-pack	203084-000-020*	20/pk	
Adult 40-pack	203084-000-040*	40/pk	
Thoracic and Abdominal Interface Cables	203080-000*	2/pk	

FastTrack Pediatric			
product	part #	qty	cost
Pediatric Starter Kit (10-pack + 2 cables)	203082-000*	10/pk	
Pediatric 1-pack	203083-000*	1/pk	
Pediatric 20-pack	203083-000-020*	20/pk	
Pediatric 40-pack	203083-000-040*	40/pk	
Thoracic and Abdominal Interface Cables	203080-000*	2/pk	

*Call for availability

Ambu® Sleepmate RIPmate™ Inductance Belts

Monitor and measure chest and abdominal expansion associated with respiratory effort during PSG studies. Compatible with Easy II, Easy III, and Easy Ambulatory systems.

product	size	part #	qty	cost
RIP kit (2 belts + module)	adult	202644-040*	1	
Adult Belt	adult	202648-040*	1	
Thoracic Module	-	202654-000*	1	
Abdominal Module	-	202655-000*	1	
RIP sensor kit (2 belts + module)	pediatric	202644-010*	1	
Pediatric Belt 0.6m (2')	pediatric	202645-010*	1	
Thoracic RIP sensor kit (1 belt + module)	pediatric	202646-010*	1	
Abdominal RIP sensor kit (1 belt + module)	pediatric	202647-010*	1	

*Call for availability



RIP Kit Adult



Thoracic Module



Abdominal Module



RIP Kit Pediatric



Adult Belt



Pediatric Belt



Salter Labs® 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.

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

*Call for availability



Thermisense® Thermal
Airflow Sensor



Nasal Cannulas
Thermisense® compatible



Soft Tip Sensor



FlexiWrap Sensor



Disposable SpO2 Sensor



Oximeter Extender Cable



Cloth Disposable Sensor



Pediatric Flex Sensor



Forehead Reflectance SpO2 Sensor



Forehead Reflectance SpO2 Holder



Neonatal Flex Wrap Sensor



Infant Flex Wrap



Adult Flex Wrap



Flex Wrap Sensor



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.

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



Sleepmate® Snoring Sensor/Microphone

Soft elastic polymeric for maximum patient comfort. Excellent sealing properties prevent interference from external noise sources. The sensor attaches to the neck and records the sounds associated with snoring during PSG studies. Lead length 2m (80 in). Six month warranty.

part #	qty	cost
202780-000	1	



Sleepmate® Reusable Cannula-Style Thermocouple

The Sleepmate reusable airflow sensor is intended to detect respiratory airflow for PSG, EEG and other recordings. The sensor plugs directly into the amplifier head box and does not require an external power source. Nine month warranty. *Call to check availability. Lead time may be required.

product	part #	qty	cost
Adult	202602-000	1	
Pediatric/ Infant*	202603-000	1	



CannuTherm™ Thermal and Nasal Pressure Sensor

Detect nasal pressure airflow and nasal and oral thermal airflow during PSG. Insert into the port on the CannuTherm™ cannula with no adjustment. Single patient use only. Kit comes with one reusable sensor and five disposable cannulas.

product	part #	qty	cost
Thermal + Nasal Pressure Sensor Kit	202621-040	1	
Disposable Nasal Cannulas	202622-040	25/box	



Black Twist
Patch Electrodes



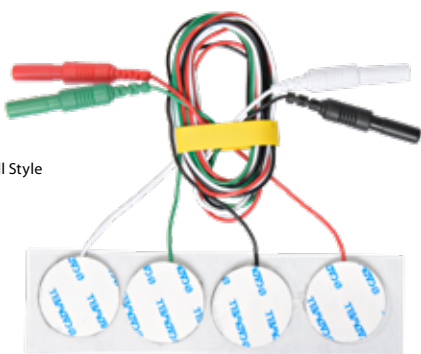
Color-Coded
Patch Electrodes



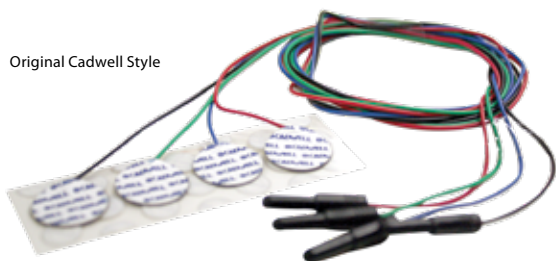
1 inch Square Patch



Offset Wet Gel Patch



New Cadwell Style



Original Cadwell Style

Cadwell® Snap Connector Lead Wires

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

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

*Call for availability

Snap Patch Electrodes

Disposable patch electrodes are available in square and offset designs. The 1 inch square 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.

airflow sensors			
size	part #	qty	cost
1 inch Square	302700-000	30/pk 10 or more	
Offset	202696-000	25/pk	

Cadwell® Disposable Disc Electrodes with Leads

Four disposable silver/silver chloride coated disc electrodes with hydrogel are attached to wires in red, white, black, and green. Disc diameter is 19mm (0.75 in). Individually sealed sets of four leads. Single patient use only.

New Cadwell Style			
length	part #	qty	cost
1m	40 in	302294-000-040	48/box
2m	80 in	302294-000-080	48/box

Cadwell® Disposable Disc Electrodes with Leads

Four disposable disc electrodes with improved hydrogel are attached to wires in red, blue, black and green. 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 19mm (0.75 in). Individually sealed sets of four leads. Single patient use only.

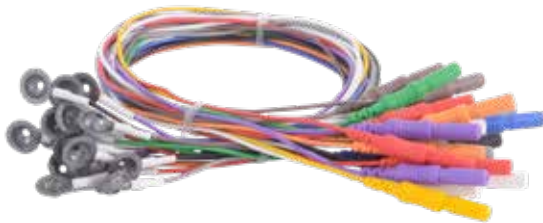
Original Cadwell Style			
length	part #	qty	cost
1m	39 in	302290-000	20/box 5 or more



Technomed Gold Cup Electrodes

10mm (0.4 in) diameter cups with 2mm (0.08 in) holes attach to color-coded lead wires with bendable necks.

product	cup	length		part #	qty	cost
Adult	10mm	1m	40 in	202110-000-040	12/pk	
Adult	10mm	1.5m	60 in	202110-000-060	12/pk	
Adult	10mm	2m	80 in	202110-000-080	12/pk	
Adult	10mm	2.5m	100 in	202110-000-100*	12/pk	
Pediatric	6mm	1m	40 in	202111-000-040*	12/pk	
Pediatric	6mm	1.5m	60 in	202111-000-060	12/pk	
Pediatric	6mm	2m	80 in	202111-000-080	12/pk	
Pediatric	6mm	2.5m	100 in	202111-000-100*	12/pk	



Cadwell® Disposable EEG Cup Electrodes

Cadwell's disposable EEG 10mm deep 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 15 & 25 multi-colored leads per pack.

leadwire length	part #	qty	cost
12 in	302642-000-012	25/pk	
48 in	302642-000-048	25/pk	
60 in	302642-000-060	25/pk	
98 in	302642-000-098	15/pk	



Cadwell® Gold Cup Electrodes

10mm (0.4 in) diameter cups are overmolded to multi-color lead wires and have 2mm (0.08 in) holes for easy paste/collodion application. They are available in a variety of lengths to suit many different needs. Pediatric cups are 6.5mm (0.25 in).

product	color	length		part #	qty	cost
Adult Gold Cup	assorted	0.8m	32 in	302768-200	26/pk	
EEG Gold Cup Sample Kit	assorted	1.22m	48 in	302736-200	6/pk	
EEG Gold Cup	black	1.22m	48 in	302132-200	10/pk	
	yellow	1.22m	48 in	302055-200	10/pk	
	red	1.22m	48 in	302058-200	10/pk	
	black	1.52m	60 in	302641-200	10/pk	
	yellow	1.52m	60 in	302644-200	10/pk	
	red	1.52m	60 in	302647-200	10/pk	
PSG Gold Cup	black	2.8m	110 in	302695-200	6/pk	



Ambu® Disposable EEG Cup Electrodes

Use when a disposable cup electrode is desired. 10mm (0.4 in) diameter cups have 2mm (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.

leadwire length	part #	qty	cost
60 in	202100-000	10/pk	



ApneaTrak® Case
(shown with recorder for reference only)

ApneaTrak® Accessories (Generation 1)

product	size/length	part #	qty	cost
ApneaTrak® Case	-	198217-000	1	
ApneaTrak® Pouch	-	198216-000	1	
ApneaTrak® USB Cable	-	355336-200	1	
Thermisense® Thermal Airflow Sensor	adult	202662-030	1	
Thermisense® Thermal Airflow Sensor	pediatric	202668-000	1	
Micropore Tape	2.54cm (1 in)	202363-000	12/box	
Reusable Oximeter probe	medium, 1m	202948-040-100	1	
Nasal Cannulas, Thermisense® compatible	60cm (24 in)	202663-040-002	25/box	
Snore microphone, keyhole connector	60cm (24 in)	202790-000-024	1	
Disposable SpO2 Sensors	adult 1.2m (47 in)	202941-030	24/box	
Chain of custody tamper proof wristband	-	198224-000	10/pk	
Adult HSAT Kit	-	302025-000	1	



Thermisense® Thermal
Airflow Sensor



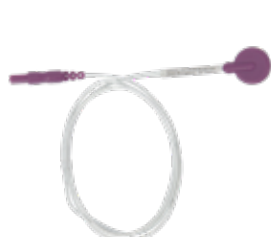
Reusable Oximeter Probe



3M® Micropore Tape



Disposable SpO2 Sensor



Snore Microphone



Nasal Cannulas
Thermisense® compatible



Wristband

ApneaTrak® Accessories (Generation 2)

product	part #	qty	cost
Disposable HSAT Core Kit	302026-000	1 Kit	
Disposable HSAT Legacy Kit	302027-000	1 Kit	
ApneaTrak Hard Case	198272-000	1	
USB-C Cable (6 ft)	286113-000	1	
USB-C Cable (3 ft)	286133-000	1	
Hand Removable Cover	336253-000	1	
Locking Cover	336278-000	1	
Belt Clip	336255-000	1	
3M® Micropore Tape (Kind Removal)	202363-000	12 rolls/box	
Reusable SpO2 Sensor	304001-000	1	
Disposable SpO2 Sensor	304002-000	24/box	
Nonin® Adult SpO2 Flex Wrap Sensor 1m (39 in)	202942-000-100	1	
Nonin® Adult Flex Wraps	202945-000	25/pk	
Wristband	198224-000	1	
Adult Nasal Cannula (1 ft)	202670-040-001	50/box	
Adult Nasal Cannula (Airflow) (2 ft)	202663-040-002	25/box	
Adult Thermisense Airflow Sensor Kit	202662-030	1	
Snore Microphone	202790-000-024	1	
Reusable ExG 6 Gold Cup 36 inch Cable	203104-200	1	
Adult Ambu RIPmate Effort Belt	202648-040	1	
Keyhole to touch proof lead for Thoracic RIP belt (blue)	202449-200-010	1	
Keyhole to touch proof lead for Abdominal RIP belt (yellow)	202448-200-020	1	





ApneaTrak® PVDF Chest Kit



ApneaTrak® PVDF Chest & Abdomen Kit



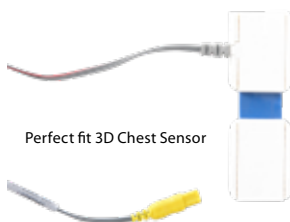
ApneaTrak® PVDF Chest Sensor



ApneaTrak® PVDF Abdomen Sensor



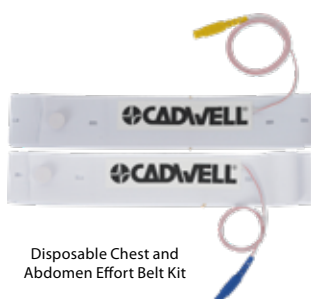
ApneaTrak® PVDF Straps



Perfect fit 3D Chest Sensor

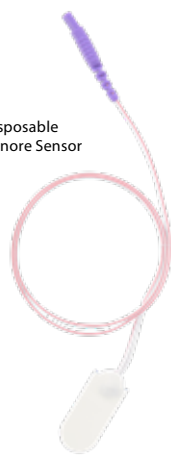


Disposable Effort Belt Strap



Disposable Chest and Abdomen Effort Belt Kit

Disposable AccuSnore Sensor



Disposable PVDF Airflow Sensor

ApneaTrak® Accessories (Generation 2) *cont.*

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



ApneaTrak® Pouch



Pediatric Effort Belt Sensor



Pediatric Effort Belt Strap

ApneaTrak® Respiratory Effort Sensors

product	size/length	part #	qty	cost
RIP sensor assembly, chest blue	-	202652-200*	1	
RIP sensor assembly, abdomen yellow	-	202653-200*	1	
RIP belt, adult	adult	202648-040*	1	
Cable, Touch-proof to keyhole adapter	25cm (10 in)	202447-000-010*	1	
PVDF Effort Belt Kit: 2x (sensors, L & XL straps)	adult	203001-000*	1	
PVDF Effort Belt Sensor, Chest	adult	203002-000*	1	
PVDF Effort Belt Sensor, Abdomen	adult	203003-000*	1	
PVDF Adult Large Effort Belt Straps	1.1m (45 in)	203006-050*	2/pk	
PVDF Adult XL Effort Belt Straps	1.5m (60 in)	203006-060*	2/pk	
PVDF Adult XXL Effort Belt Straps	1.9m (75 in)	203006-070*	2/pk	
PVDF Effort Belt, Chest Sensor & 45 in Strap	adult	203004-000*	1	
PVDF Effort Belt, Abdomen Sensor & 45 in Strap	adult	203005-000*	1	
PVDF Pediatric Effort Belt Kit: 2x (sensors, infant, ped L and ped XL straps)	pediatric	203001-010*	1	
PVDF Pediatric Effort Belt Sensor, Chest	pediatric	203002-010*	1	
PVDF Pediatric Effort Belt Sensor, Abdomen	pediatric	203003-010*	1	
PVDF Pediatric Effort Belt Straps	0.6m (25 in)	203006-020*	2/pk	
PVDF Pediatric XL Effort Belt Straps	0.8m (35 in)	203006-030*	2/pk	
PVDF Infant Effort Belt Straps	infant 0.3m (15 in)	203006-010*	2/pk	

*Call for availability



RIP sensor assemblies with belts



Examination Gloves

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



product	size	part #	qty	cost
Universal 3G	small	202750-000	100/box	
	medium	202751-000	100/box	
	large	202752-000	100/box	
Aloetouch® 3G	small	202753-000	100/box	
	medium	202754-000	100/box	
	large	202755-000	100/box	



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.

color	part #	qty	cost
varies	202161-000	1	



Cotton Tipped Applicators

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

part #	qty	cost
202163-000	1,000/box	



Conductivity Gels

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

product	part #	qty	cost
Lectron II tube 250 ml (8.45 fl. oz.)	202153-000	1 tube 12 or more	
Aquasonic 250 ml. (8.45 fl. oz.)	202141-000	1 tube 12 or more	
Aquasonic Pouches 20g	202140-000	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.

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



NuPrep™

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

product	part #	qty	cost
114 ml. (4 fl. oz.)	202159-000	3/pk 3 or more	
25 ml. (1 fl. oz.)	202186-000	6/pk	



EEG Adhesive Gel

part #	qty	cost
202142-000	1	



Velcro® Cable Management and Adhesive Feet

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

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



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.

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



Syringes and Blunt-Tip Needles

5 cc syringes for gel application. Blunt-tip needles are 2.5 cm (1 in) long and 0.15 cm (0.065 in) in diameter.

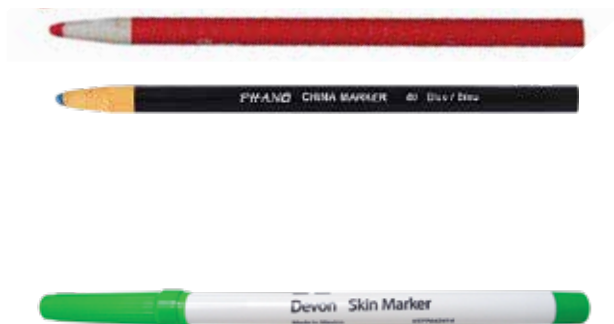
product	part #	qty	cost
5 cc Syringe	202166-000-PK20	20/pk	
Blunt-tip needles	202167-200	20/pk	



Needle Disposal Container

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

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



Grease Pencil (China Marker)

Grease pencils. 12 per box.

product	part #	qty	cost
red	202711-000	12/box	
blue	202712-000	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	cost
202734-000	1 10 or more	



3M® Transpore™ Tape

Hypoallergenic 3M® Transpore tape comes in a 9 meter (10 yard) roll. Available in 2.5cm (1 in) and 5cm (2 in) rolls.

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

size	part #	qty	cost
2.5 cm x 9m, 1 in x 10 yards	202363-000	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.

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



Alcohol Pads

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

part #	qty	cost
202165-000	200/box	



Elastomull® Bandage

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

part #	qty	cost
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	cost
202172-000	1	



Surgilast® Electrode Lead Wire Stockinettes

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

size	part #	qty	cost
small size 4	202169-000	1	
medium size 5	202170-000	1	
large size 6	202171-000	1	



Gauze Sponges

Gauze sponges, 5X5 cm (2x2 in). Available in sterile and non-sterile.

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



PTZ Camera

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



Logitech® c920 HD Pro Webcam

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



HIKvision 4MP WDR EXIR Bullet Camera

Call for pricing.

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



Logitech® PTZ Pro 2

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

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



Bosch Infrared Illuminator

Infrared illuminator with wide angle LED and power supply. Auto on/off feature. Small inconspicuous profile. Two cable length options.

length	part #	qty	cost
2m (7 ft)	197213-200-007	1	
6m (20 ft)	197213-200-020	1	



Sima Mini Table Top Tripod

Use with standard camera screw connector.

part #	qty	cost
198209-000	1	



4GB Compact flash drive
for Easy Ambulatory

Cadwell® Data Storage

product	part #	qty	cost
Compact flash drive	290144-000	1	



Tripp-Lite Lithium UPS

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 #	qty	cost
9010006	1	



800VA 120V/240V 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.

use with	part #	qty	cost
Pole Cart	9010005	1	
T2 Cart	9010002	1	
POC Cart	9010003	1	



Power Supply Options

product	part #	qty	cost
Tripp-Lite Medical Grade UPS 1kVA, 4 outlet	9010004	1	
Medical Grade Power Strip (will not work in isolated OR)	291228-000	1	
15' Power Cord	286079-000	1	
Power supply cord, 7 ft 6 in	286035-000	1	
Power supply cord, 3 ft 3 in	286034-000	1	
Power cord, 3 Conductor Hospital Grade	286114-000	1	
Adapter, Power IEC 320 to NEMA, 8 in	286078-000-008	1	
Adapter, Power IEC 320 to NEMA, 36 in	286078-000-036	1	



Rail mount hanger



Accessory Bag



Easy III Large Amplifier Arm



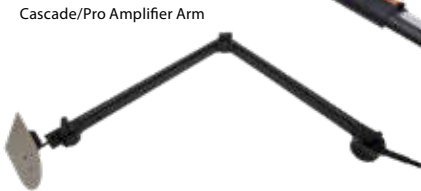
Link Swing Arm Bracket



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



Summit Amp, Stim and Needle Holder Arm (2 ch)



Cascade/Pro Amplifier Arm



Grounding Wire



Arc Essentia Amplifier Arm



Arc Essentia Amplifier Arm



Arc Photic Stimulator Arm



Easy III Amplifier Arm



Easy III Photic Stimulator Arm



Accessories

IOMAX Accessories	part #	qty	cost
IOMAX® Rail Mount Hanger	339100-000	1	
Accessory Bag	198187-000	1	

Articulating Arms	part #	qty	cost
Easy III Large Amplifier Arm (86 or 150 ch) Requires * or ** for cart mount	197266-200	1	
Summit Amp, Stim and Needle Holder Arm (3-12 ch) Requires * or ** for cart mount	197251-200	1	
Summit Amp, Stim and Needle Holder Arm (2 ch)	197247-200	1	
Link, Swing Arm Bracket	339104-000	1	
Cascade/Pro Amplifier Arm	197172-200	1	
Arc Essentia Amplifier Arm	197264-200	1	
Arc Photic Stimulator Arm	197260-200	1	
Easy III Amplifier Arm	190224-252	1	
Easy III Photic Stimulator Arm	190228-251	1	
Grounding wire for Articulating Arm	199271-200	1	

Flexible Arms	part #	qty	cost
Arc Photic Stimulator Arm	197261-200	1	
Arc Essentia Amplifier Arm	197267-200	1	
7" VEP Monitor Arm	197262-200	1	



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 EMG and Cascade Pro IONM. HxWxD: 56 x 38 x 23cm (22 x 15 x 9 in).

	product	part #	qty	cost
A	Carry Case	198203-000	1	
B	Wheeled Case	198204-000	1	



Cadwell® Computer and Accessories Bags

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



Cadwell® Mobile and Adjustable Stands

	product	part #	qty	cost
	Mobile floor stand, height-adjustable	198171-000	1	
	Mobile floor stand, non-adjustable	198186-000	1	
	Tri-Pod Stand, height-adjustable	198219-200	1	



Cadwell® Pelican® Case

Durable, waterproof and wipeable case is carry-on sized with a TSA-approved combination lock.

	product	part #	qty	cost
	Pelican Case	198240-000	1	

Please call for current printer options

Printers

	product	part #	qty	cost
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	Printer, Deskjet	291091-000	1	



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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:

	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
	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.

	Do not reuse
	Do not re-sterilize

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 (250T) 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.

	Do not reuse
---	---------------------

Clean



1. 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.
3. 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- sterile felt pads
	Do not reuse

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



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 800-245-3001 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 and approval may vary per region.



Billing Information		
Name		
Cadwell Customer No.		
Company / Institution		
Billing Address		
City	State	Zip
Phone / Fax		
Email		

Ship-To:	
<input type="checkbox"/>	Same as above (no P.O. Box)
Name	

Payment Method	
<input type="checkbox"/> CHECK	<input type="checkbox"/> COD
<input type="checkbox"/> VISA	<input type="checkbox"/> AMEX
<input type="checkbox"/> MASTERCARD	<input type="checkbox"/> DISCOVER
Company / Institution	
Name on Card	
Credit Card No.	
Expiration Date	

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

A minimum purchase of \$25.00 (before shipping charges) is requested for all catalog orders.

UPDATED LANGUAGE FOR DOMESTIC QUOTES

(The following is included on all quotes - replaces existing terms of sale language)

This quote ("Quote") expires on _____. Unless agreed upon elsewhere, Quote is subject to Cadwell's Terms of Sale and Terms of Service, available at www.cadwell.com/terms. By submission of a purchase order to Cadwell in response to this Quote, Customer agrees to Cadwell's Terms of Sale and Terms of Service, which, along with the Quote, comprise the entire contract between Customer and Cadwell.

To ensure CadLink and HL7 customers enjoy optimal system performance along with receiving the highest level of software support, Cadwell is pleased to offer its new CadLink Software Support and Maintenance Program ("CadLink Software SMP"). The first year of CadLink Software SMP is included with the purchase of CadLink Software. After the first year, the CadLink Software SMP may be purchased on an annual basis with multiyear discounts available. If Customer opts not to enroll in the CadLink Software SMP, then CadLink and HL7 software support and maintenance shall be available by request at the then current hourly billable rate with a \$500 minimum fee. Additional information about the benefits of the CadLink Software SMP and other CadCare service and support programs may be found on Cadwell's website (www.cadwell.com/CadCare).

TERMS OF SALE DOCUMENT ON CADWELL WEBSITE

(The following may be found at www.cadwell.com/terms as a link called "Cadwell Terms of Sale" that points to a PDF containing the following). Note that there will be other links on the same landing page such as "Terms of Service" and "Software License Agreement")

CADWELL TERMS OF SALE

1. The Terms of Sale ("Sales Terms") herein apply to purchased equipment ("Equipment") and products that are utilized with the Equipment ("Products").

Payment Terms

2. 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.
3. Shipment is FOB Destination, with the price of shipment billed to the Customer. Freight charges vary depending on shipment content and method.
4. Quoted 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 Quote. If Customer is exempt from any such amount, Customer must provide to Cadwell a valid exemption.
5. For Customers within the United States, Cadwell offers Products for purchase online at its e-store, www.estore.cadwell.com, ("Online Orders"), or for purchase from its Supplies and Accessories Catalogue. Catalogue orders may be made online, by phone, by email or by fax. International Customers must purchase Products through their local Cadwell distributor.
6. Payment for all Online Orders must be made by credit card unless Customer has called 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 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. Online Product prices do not include Taxes, fees or charges imposed by any governmental authority on the transaction between Customer and Cadwell, which will be calculated and added to the order total at checkout and paid by Customer. If Customer is exempt from any such amount, Customer must provide to Cadwell a valid exemption.
9. A minimum purchase of \$25 is required for all Product orders.
10. Customer may check the status of any order by calling Cadwell during normal working hours.
11. Cadwell reserves the right to modify its Equipment or Product offering including specifications, availability, pricing and shipping charges or method at any time.

Risk of Loss

12. Risk of loss shall pass to the Customer when the Equipment and Products are delivered to the Customer.

Warranty

13. Cadwell warrants for a period of one (1) year for new Equipment and six (6) months for refurbished Equipment* from the date of shipment of each system against defects in material and workmanship ("Equipment Warranty").
14. Notice of an Equipment defect and an explanation of circumstances concerning any claim that the system has proven defective in material or workmanship shall be given to Cadwell within two (2) working days of the discovery of the defect. Upon verification of defect, Cadwell will repair or replace at its option.
15. Cadwell shall be under no obligation to furnish, repair or replace any Equipment part which has been damaged, abused or misused through no fault of Cadwell, or if unauthorized attempts to modify, repair or service Equipment have impaired the performance of the Equipment. Warranty does not cover Ultrasound Probes or Cables damaged by dropping, excessive bending, or crush forces.
16. Oral statements do not constitute a warranty. Representatives of Cadwell are not authorized to make oral warranties about the merchandise described in the Quote.
17. Except as expressly set forth herein, there is no warranty, express or implied as fitness for any particular purpose.
18. When a Product is purchased as an integrated part of Equipment, the Equipment Warranty covers the Product. When a Product is purchased separately and is not an integrated part of Equipment, the manufacturer's warranty for the Product shall apply. Customer acknowledges that the Product manufacturer may not be Cadwell.
19. Cadwell's Equipment Warranty and any Product warranty extends only to the original Customer and is not transferable to another party.

Business Use

20. Except as expressly provided by Cadwell in writing, all Equipment and Products sold hereunder are intended for the ultimate use by a commercial user and for operation by persons trained and experienced in the use and maintenance of such Equipment and Products.
21. Customer acknowledges that it is purchasing the Equipment and Products for a business use and for no other purpose.

Cancellation

22. Cancellation. In the event Customer cancels the purchase after the order has shipped, Customer agrees to reimburse Cadwell for actual costs incurred, including but not limited to, charges for restocking, training and freight.

Returns and Refunds

23. If Customer desires to return Equipment or Products, Customer must first contact Cadwell to obtain a Return Merchandise Authorization ("RMA") number.
24. Cadwell agrees to accept the return of Equipment and Products for a refund, excluding shipping charges, provided the following:
- a. Customer obtains an RMA;
 - b. The order is returned to the Seller within 30 days from the date the Equipment and Product was received; and
 - c. The Product is returned to Seller in its original packaging, unopened and undamaged. If the Product has been opened and the Seller has issued an "RMA" number, the Product will be subject to a restocking fee.
25. If Customer seeks a refund for any of the following reasons, Customer shall receive a refund, including shipping charges:
- a. Equipment or Product shipped in error.
 - b. Product was delivered after the Product's expiration date.
 - c. Equipment or Product was improperly labeled or packaged by Cadwell.
 - d. Equipment or Product was damaged during shipment.
26. 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.
27. Returns based on a defect or malfunction of Equipment or a Product will be handled in accordance with the applicable Product warranty or Equipment Warranty.

Intellectual Property

28. Customer acknowledges that Cadwell owns all right, title and interest in all proprietary Equipment designs and configurations, software and firmware purchased under this Agreement, except to the extent that Cadwell has granted Customer a limited license in the software, a copy of which is available at www.cadwell.com/terms.

Indemnification

29. Customer agrees to indemnify Cadwell and hold it harmless from any and all demands or claims of any nature whatsoever arising out of its use of the Equipment, including products liability or physical injuries to person, or property, loss of life, or other claims or damages.

Exclusive Remedy and Limitation of Damages

30. The parties agree that the Customer's exclusive remedy available from Cadwell shall be for the repair and/or replacement of defective parts as provided herein. Customer agrees that Cadwell shall not be liable for direct or consequential damages, including but not limited to loss of income, loss of time, lost sales, injury to person or personal property, or liability Customer had with respect to any other person.

Security Interest

31. If the full purchase price is not paid at the time of contracting, the Customer grants Cadwell a security interest in the Equipment described in the Quote, including all added and substituted parts, accessories, and improvements made to the Equipment, to secure the extension of credit. The Customer promises to keep the Equipment in good repair, and the Customer has no right to sell, lease, or otherwise dispose of the collateral. In the event of default, Cadwell has the right to pursue all remedies described herein and all remedies available in the Uniform Commercial Code.

Default and Remedy

32. Failure to pay according to the Sales Terms is default. Cadwell may declare the total amount owed immediately due without any further notice to Customer, retake possession of the Equipment securing this sale, and/or pursue any other remedies at law or equity.
33. In the event any action shall be instituted for the failure to perform the Sales Terms herein, the prevailing party shall be entitled to recover costs, including attorney's fees.

Time Limit on Customer Commencing Legal Actions

34. Failure to pay according to the Sales Terms is default. Cadwell may declare the total amount owed immediately due without any further notice to Customer, retake possession of the Equipment securing this sale, and

Severability

35. If any provision of these Sales Terms is held invalid or unconscionable, such invalidity or unconscionability shall not affect other provisions of the Sales Terms which can be given effect without the invalid or unconscionable provision.

No Waiver

36. If Cadwell at its option agrees to a waiver of any of the terms recited herein, such waiver shall not for any purpose be construed as a waiver of any succeeding breach of the same or any other terms nor shall such a waiver be viewed as a course of performance.

Choice of Law and Venue

37. The Sales Terms herein shall be governed by the laws of the state of Washington. Should either party bring a claim hereunder, the parties agree that the courts in Benton County, Washington shall hold exclusive jurisdiction.

Time Limit on Customer Commencing Legal Actions

38. The Sales Terms herein represent the exclusive agreement between the parties. To the extent the Sales Terms are in conflict with any other purchase or sales terms of the parties, the Sales Terms herein shall govern. The Sales Terms shall not be modified or amended except in writing and signed by both parties. Any purchase or sale term offered by Customer in acknowledging or otherwise accepting a purchase order shall be considered a proposal and shall not become part of this agreement unless specifically accepted in writing by Cadwell.

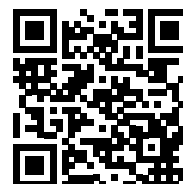
* Refurbished systems are subject to availability at the time of purchase order.



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