



Electrodes & Accessories



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 **CADWELL®**

Innovative Electrode, Neurodiagnostic and Monitoring Solutions

Thank you for choosing Cadwell as your provider of medical equipment and electrode needs. Cadwell provides competitive pricing, incredible customer service, same day shipping, and an online e-store for 24/7 shopping convenience.

John Cadwell, BSEE, MD designed the first microprocessor controlled EMG instrument. In 1979 he and his brother Carl, DDS, formed Cadwell Laboratories, Inc. and began selling their device. Since then, Cadwell has been a leader in the development and manufacturing of innovative and reliable instruments for neurophysiology that have provided decades of service to their owners.

Cadwell also designs and supplies leading edge products in the Electrodes and Accessories field. The company holds several patents that create innovative solutions for your monitoring and testing needs. In addition, Cadwell has strategic distribution relationships with leading suppliers to provide you with best in class products that you use every day.

We are your one stop for all of your neurodiagnostic needs. Experience the Cadwell difference today.

Advancing medical technology to help you, help others.



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Needle Electrodes & Cables

Ambu® Neuroline Disposable Monopolar Needle Electrodes With Detached Lead Wire

Ambu Neuroline monopolar needle electrodes are made of a smooth coating and feature an ultra-sharp, conical tip, which ensures low friction at the point of insertion. Detachable lead wires. Lead wires are sold separately and shown below. Presterilized by ETO gas.

Single patient use only. Cable is reusable.



Length		Diameter		Qty	Order Number	Color
mm	in	mm	Gauge			
25	1.0	0.35	28	1 Box (40)	202238-040	Dk Grey
38	1.5	0.35	28	1 Box (40)	202240-040	Lt Green
38	1.5	0.45	26	1 Box (40)	202241-040	Dk Green
50	2.0	0.45	26	1 Box (40)	202242-040	Yellow
75	3.0	0.50	25	1 Box (40)	202243-040	Red

Description	Length		Qty	Color	Order Number
	cm	in			
1.5mm touchproof connector	76	30	1	White	202244-000
1.0mm needle socket					

Technomed Disposable Monopolar Needle Electrodes With Detached Lead Wire

The machine sharpened conical tip and ultra-thin polytetrafluorethylene (PTFE) coating ensure low friction when the needle is inserted. This needle comes with a gold-plated orientation-free coaxial connector. The detached reusable cables come in three styles/lengths and are sold separately below. Presterilized by ETO gas.

Single patient use only. Cables are reusable.



Length		Diameter		Qty	Order Number	Color
mm	in	mm	Gauge			
25	1.0	0.35	28	1 Box (25)	202270-000	Red
25	1.0	0.45	26	1 Box (25)	202271-000	Yellow
37	1.5	0.35	28	1 Box (25)	202272-000	Orange
37	1.5	0.45	26	1 Box (25)	202273-000	Green
50	2.0	0.45	26	1 Box (25)	202274-000	Blue
75	3.0	0.45	26	1 Box (25)	202275-000	Violet

Reusable cable	Lead Length		Qty	Order Number	Color
	cm	in			
Unshielded Safety DIN 42 802	60	24	1	202276-000	Blue
Shielded 5-pole DIN	100	39	1	202277-000	Grey
Shielded 5-pole DIN with crocodile clips	106	42	1	302204-200	Multi

Ambu® Neuroline Disposable Monopolar Needle Electrodes With Attached Lead Wires

Ambu Neuroline monopolar needle electrodes are made of a smooth coating and feature an ultra-sharp, conical tip, which ensures low friction at the point of insertion. With pre-attached lead wire. Ergonomic hub design for easy and secure grip. 30" lead wire. Presterilized by ETO gas.

Single patient use only.

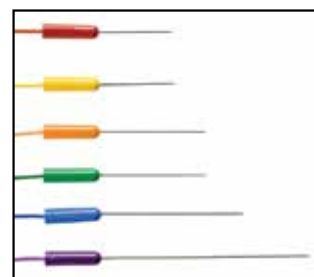


Length		Diameter		Qty	Order Number	Color
mm	in	mm	Gauge			
25	1.0	0.36	28	1 Box (40)	202221-040	Grey
38	1.5	0.36	28	1 Box (40)	202223-040	Lt Green
38	1.5	0.45	26	1 Box (40)	202224-040	Dk Green
50	2.0	0.45	26	1 Box (40)	202225-040	Yellow
75	3.0	0.50	25	1 Box (40)	202226-040	Red

Technomed Disposable Monopolar Needle Electrodes With Attached Lead Wire

Technomed monopolar needle electrodes come with attached color coded lead wire. The machine sharpened conical tip and ultra-thin polytetrafluorethylene (PTFE) coating ensure low friction when the needle is inserted. The .75 meter (2') long PVC wire terminates into a safety DIN 42 802 connector. Presterilized by ETO gas.

Single patient use only.



Length		Diameter		Qty	Order Number	Color
mm	in	mm	Gauge			
25	1.0	0.35	28	1 box (25)	202250-000	Red
25	1.0	0.45	26	1 box (25)	202251-000	Yellow
37	1.5	0.35	28	1 box (25)	202252-000	Orange
37	1.5	0.45	26	1 box (25)	202253-000	Green
50	2.0	0.45	26	1 box (25)	202254-000	Blue
75	3.0	0.45	26	1 box (25)	202255-000	Violet

Chalgren Disposable Monopolar Needle Electrodes

Chalgren Enterprises' disposable PTFE coated stainless steel monopolar needle electrodes for EMG have an attached 24" super-flexible PVC insulated leadwire ending with a standard touch proof connector. Presterilized by ETO gas.

Single patient use only.



Length		Diameter		Qty	Order Number	Color
mm	in	mm	Gauge			
125	5.0	0.50	24	1 box (10)	202728-000	Natural

Needle Electrodes & Cables

Ambu® Neuroline Inject™ Disposable Injectable Needles

Ideal for injecting Botulinum Toxin or other medications, these needles are made of stainless steel with a smooth coating and a back-cut, beveled tip, reducing friction at the point of insertion. Pre-attached lead wire is 24" (60 cm) long and has a touch-proof connector. The Luer-Lock fitting provides a secure syringe connection. Presterilized by ETO gas.

Single patient use only.



Length		Diameter		Qty	Order Number	Color
mm	in	mm	Gauge			
25	1.0	0.30	30	1 pk (10)	202810-000	Grey
30	1.2	0.35	28	1 pk (10)	202811-000	Purple
35	1.4	0.40	27	1 pk (10)	202812-000	Blue
38	1.5	0.45	26	1 pk (10)	202813-000	Green
50	2	0.50	25	1 pk (10)	202814-000	Yellow
75	3	0.55	24	1 pk (10)	202815-000	Red

Technomed Disposable Injectable Needle Electrodes

The Technomed Aiglette™ Injectable disposable needle was designed for simultaneous Botulinum Toxin (or other medicine) injection and EMG recording or electrical stimulation. Made of medical grade stainless steel and sharpened with micro-precision to a facet bevel the needle can withstand multiple insertions without character degradation. The needle has a leak-free, secure slip-tip and Luer lock syringe connection and an ultra smooth coating for minimal patient discomfort. Comes with a pre-attached 75cm (30") color coded lead wire that has a safety DIN 42 802 connector. Presterilized by ETO gas.

Single patient use only.



Length		Diameter		Qty	Order Number	Color
mm	in	mm	Gauge			
25	1.0	0.30	30	1 box (10)	202880-000	Red
25	1.0	0.40	27	1 box (10)	202881-000	Yellow
37	1.5	0.40	27	1 box (10)	202882-000	Orange
37	1.5	0.45	26	1 box (10)	202883-000	Green
50	2.0	0.50	25	1 box (10)	202884-000	Blue
75	3.0	0.70	22	1 box (10)	202885-000	Violet

Chalgren Disposable Injectable Needle Electrodes

Chalgren Enterprises' disposable PTFE coated stainless steel injectable monopolar needle electrodes combine EMG with drug therapy injections and have an attached 24" leadwire made of super-flexible PVC insulated wire ending with a standard touch proof connector. Presterilized by ETO gas.

Single patient use only.



Length		Diameter		Qty	Order Number	Color
mm	in	mm	Gauge			
25	1.0	0.30	30	1 box (10)	202721-000	Blue
37	1.5	0.46	26	1 box (10)	202723-000	Pink
50	2.0	0.46	25	1 box (10)	202724-000	White
75	3.0	0.64	23	1 box (10)	202725-000	Grey
100	4.0	0.64	23	1 box (10)	202726-000	Natural
125	5.0	0.64	23	1 box (10)	202727-000	Natural

Ambu® Neuroline Concentric Needles with Detached Lead Wire

Manufactured using advanced robotic production techniques, these needles are some of the most consistent and accurate available. Each needle is microscopically checked by sophisticated visual inspection systems at all vital stages during production. An ergonomic hub design with an index mark provides improved control. Color-coded hub for easy identification. The shielded, 40" (100 cm) long reusable cable has a 5-pole DIN connector. Sold Separately. Presterilized by ETO gas.

Single patient use only. Cable is reusable.



Length		Diameter		Gauge	Recording area (mm ²)	Qty	Order Number	Color
mm	in	mm						
25	1.0	0.30		30	0.02	1 pk (25)	202800-000	Lt Grey
25	1.0	0.45		26	0.07	1 pk (25)	202801-000	Dk Grey
30	1.2	0.35		28	0.02	1 pk (25)	202802-000	Purple
38	1.5	0.45		26	0.07	1 pk (25)	202803-000	Green
50	2.0	0.45		26	0.07	1 pk (25)	202804-000	Yellow
75	3.0	0.65		23	0.07	1 pk (25)	202805-000	Red

Reusable cable	Lead Length		Qty	Order Number	Color
	cm	in			
Shielded 5-pole DIN	101	40	1	202806-000	Grey

Technomed Disposable Concentric Needle Electrodes with Detached Lead Wire

The Technomed disposable concentric needle has a machine-sharpened Trocar tip, a platinum-iridium core, silver plated cannula and a recording area indicator on the hub and a silver plated coaxial connector. The flexible reusable cable with 5-pole DIN connector is 1.25m (4') and sold separately. Presterilized by ETO gas.

Single patient use only. Cable is reusable.



Length		Diameter		Gauge	Recording area (mm ²)	Qty	Order Number	Color
mm	in	mm						
25	1.0	0.30		30	0.021	1 box (25)	202846-000	Red
25	1.0	0.40		27	0.021	1 box (25)	202847-000	Yellow
37	1.5	0.45		26	0.068	1 box (25)	202848-000	Green
50	2.0	0.45		26	0.068	1 box (25)	202849-000	Blue
75	3.0	0.60		23	0.068	1 box (25)	202850-000	Violet

Reusable cable	Lead Length		Qty	Order Number	Color
	meters	feet			
Shielded 5-pole DIN	1.25	4	1	202845-000	Grey

Needle Electrodes & Cables

Technomed Reusable Single Fiber Needle Electrodes With Detached Cable

This single fiber needle has a platinum-iridium recording surface that 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. The flexible reusable cable with 5-pole DIN connector is 1.25m (4') and sold separately.

Reusable, not sterile.



Length		Diameter		Qty	Order Number	Color
mm	in	mm	Gauge			
25	1.0	0.40	27	1 ea	202860-000	Brown
40	1.5	0.45	26	1 ea	202861-000	Black

Reusable cable	Lead Length		Qty	Order Number	Color
	meters	feet			
Shielded 5-pole DIN	1.25	4	1	202845-000	Grey

NeedleSafe™ II Needle Uncapper/Recapper & Syringe Holder

Enables single-handed uncapping and recapping of needles and also serves as a syringe holder. 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.

Description	Qty	Order Number
Needle uncapper/recapper/syringe holder	1	202058-000



Cadwell Subdermal Corkscrew

Standard single stainless steel corkscrew needle. Each box contains 4x6 multi-colored lead wires 47" long. The corkscrew design of this subdermal electrode keeps it in place during use. The ground tip allows easy skin penetration and the corkscrew design provides stability during monitoring. Presterilized by ETO gas.

Single patient use only.



Length		Qty	Order Number
cm	in		
120	47	1 box (24)	302357-000

Cadwell Disposable Subdermal Needle Electrodes

Standard single subdermal needle. Ultra sharp tip for low penetration resistance. Each set contains 6 lead wire colors and there are 4 sets (24 needles total) in each box. Needles are 13x.40mm (.5"-27G). Wires are available in various lengths. See description below. Presterilized by ETO gas.

Single patient use only.

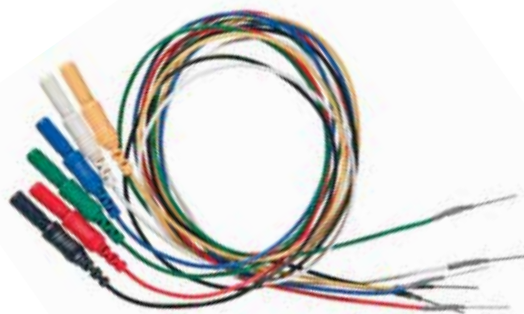


Length		Diameter		Wire Length		Qty	Order Number
mm	in	mm	Gauge	meters	feet		
13	0.5	0.40	27	1.0	3.3	1 box (24)	302353-000-040
13	0.5	0.40	27	1.5	5	1 box (24)	302353-000-060
13	0.5	0.40	27	2.0	6.5	1 box (24)	302353-000-080
13	0.5	0.40	27	2.5	8	1 box (24)	302353-000-100

Ambu® Neuroline Disposable Subdermal Needle Electrodes

Lancet cut ultra sharp tip for low penetration resistance. Low noise and impedance level giving you a clear and reliable signal. Stainless steel needle, color coded attached lead wires. Wires are available in various lengths. See description below. Needles sold in boxes of 24. Presterilized by ETO gas.

Single patient use only.



Length		Diameter		Wire Length		Qty	Order Number
mm	in	mm	Gauge	meters	feet		
12	0.5	0.40	27	0.5	1.67	1 box (24)	202353-000
12	0.5	0.40	27	1	3.34	1 box (24)	202354-000
12	0.5	0.40	27	1.5	5.0	1 box (24)	202356-000
12	0.5	0.40	27	2.5	8.25	1 box (24)	202355-000

Needle Electrodes & Cables

Cadwell Twisted Disposable Subdermal Needle Electrodes

These needles have been optimized to provide easy and secure recording when placed directly into the scalp. Made of stainless steel and designed for strength and flexibility, the tip is sharpened with precision to an ultra sharp lancet cut for easy penetration. The twisted lead wires reduce noise and impedance levels giving a clean, clear signal. Sold in boxes of 12 sets. Each box contains red, green, blue, yellow, orange, and purple twisted with black and white wires. Presterilized by ETO gas.

Single patient use only.



Length		Diameter		Wire Length		Qty	Order Number
mm	in	mm	Gauge	meters	feet		
13	0.5	0.40	27	1.0	3.3	1 box (12)	302820-000-040
13	0.5	0.40	27	1.5	5	1 box (12)	302820-000-060
13	0.5	0.40	27	2	6.5	1 box (12)	302820-000-080
13	0.5	0.40	27	2.5	8	1 box (12)	302820-000-100

Ambu® Neuroline Disposable Subdermal Needles with Twisted Pair Lead Wires

These needles have been optimized to provide easy and secure recording when placed directly into the scalp. Made of stainless steel and designed for strength and flexibility, the tip is sharpened with precision to an ultra sharp lancet cut for easy penetration. The twisted lead wires reduce noise and impedance levels giving a clean, clear signal. Sold in boxes of 20. Presterilized by ETO gas.

Contains red, green, blue, yellow, and orange twisted with a black and white wire.

Single patient use only.



Length		Diameter		Wire Length		Qty	Order Number
mm	in	mm	Gauge	meters	feet		
12	0.5	0.40	27	1	3.34	1 box (20)	202820-000-040
12	0.5	0.40	27	1.5	5	1 box (20)	202820-000-060

Cadwell Six Twisted Set Disposable Subdermal Needle Electrodes

Convenient multiple twisted subdermal needle electrodes for reduced time of setup. Six lead twisted group comes with red, yellow, blue, green, black and white. Presterilized by ETO gas.

Single patient use only. Lower cost per needle.



Length		Diameter		Wire Length		Qty	Order Number
mm	in	mm	Gauge	meters	feet		
13	0.5	0.40	27	1.5	5	1 box (12)	302821-000-060

Technomed Hooked Needle Electrodes

These needles are color-coded and have tangle-free lead wires. Made of stainless steel and designed for strength and flexibility, the tip is sharpened with precision to an ultra sharp lancet cut for easy penetration. The wires reduce noise and impedance levels giving a clean, clear signal. Sold in boxes of 24 sets. Each box contains red, green, black, white, yellow and blue colored wires. Presterilized by ETO gas.

Single patient use only.



Length		Diameter		Wire Length		Qty	Order Number
mm	in	mm	Gauge	meters	feet		
21	0.83	0.45	26	2	6.5	1 box (24)	202306-000-020

Technomed XS (extra small) Subdermal Needle Electrodes

Standard single stainless steel needle. Multi-color (six) PVC lead wires that terminate into a safety DIN 42 802 connector. Sold in boxes containing four of each electrodes (24 total electrodes). Presterilized by ETO gas.

Single patient use only.



Length		Diameter		Wire Length		Qty	Order Number
mm	in	mm	Gauge	meters	feet		
7	0.28	0.30	30	1.5	5	1 box (24)	202307-000-015

Reusable Surface Electrodes

Ground Plate Electrodes

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



Description	Lead Length		Surface	Qty	Order Number
	cm	in			
Round stainless steel molded ground	61	24	Flat	1	302150-200
Round stainless steel molded ground	122	48	Flat	1	302189-200

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.

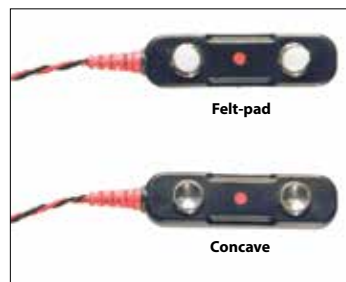


Description	Lead Length		Qty	Order Number
	cm	in		
Finger clip	61	24	1 pr	202708-000
Finger clip	122	48	1 pr	202735-000

Bar Electrodes

Cadwell's bar electrodes have a large body for increased stability and solid, machined contacts (spaced 3 cm center-to-center) to resist the wear and tear of repeated cleaning. Polarity indicators are molded into the body. The convenient, snap-on handle fits our bar electrode styles. Shielded bar electrodes are also available.

Felt pads are single patient use.



Shielded bar electrode with 5-pole DIN connector



Shielded Tri-lead Bar Electrode



Bar electrode handle

Description	Lead Length		Qty	Order Number
	cm	in		
Concave bar electrode	61	24	1	302147-200
	122	48	1	302247-200
Felt-pad bar electrode	61	24	1	302089-200
Shielded Tri-lead Bar Electrode	102	40	1	302085-200
Shielded 5-pole DIN Bar Electrode	102	40	1	302786-200
Replacement felt pads			1 pk (12)	302703-200
Handle for bar electrodes			1	302146-200

Single Disc Electrodes

Made from solid stainless steel, our custom-molded discs give you consistently excellent signal quality. The locator pin helps secure taped electrode connections. All discs are 10 mm (0.4 in) in diameter and come with red-and-black lead wires.



Description	Lead	Lead Length		Qty	Order Number
		cm	in		
Disc electrode	Black	61	24	1	302135-200
Disc electrode	Red	61	24	1	302136-200
Disc electrode	Black	122	48	1	302196-200
Disc electrode	Red	122	48	1	302197-200

Paired Disc Electrodes

For faster test setup, try Cadwell paired disc electrodes. They combine both active and reference discs. The custom-molded contacts are 10 mm (0.4 in) in diameter and are made from solid stainless steel with a locator pin on the back. The lead wires are red-and-black and available in twisted pairs. Shielded paired disc electrodes are also available.



Shielded paired disc electrode with Tri-lead connector



Shielded 5-pole DIN paired disc electrode

Description	Lead	Lead Length		Qty	Order Number
		cm	in		
Disc electrode	Twisted	61	24	1 pr	302139-200
Shielded Touchproof Tri-lead Disc Electrode		102	40	1 pr	302087-200
Shielded 5-pole DIN Disc Electrode		102	40	1 pr	302787-200



Ring Electrodes

Cadwell's stainless steel ring electrodes feature a molded grip for convenient handling and an adjustable slider that moves smoothly and locks firmly in one motion. Cadwell rings also feature ultra-flexible, red-and-black, twisted lead wires and the wear resistance of bend-relief protection at both connector ends. Shielded ring electrodes are also available.



Shielded 5-pole DIN Ring electrode



Shielded ring electrode with Tri-lead connector

Description	Lead Length		Qty	Order Number
	cm	in		
Ring electrode	61	24	1 pr	302143-200
Ring electrode	122	48	1 pr	302243-200
Shielded Tri-lead Ring electrode	102	40	1 pr	302172-200
Shielded 5-pole DIN Ring electrode	102	40	1 pr	302788-200



Reusable Surface Electrodes

Skin Temperature Probe

Includes a full one-year warranty.

Qty	Description	Order Number
1	For use with Sierra II and Sierra Wave series. 1/4" jack.	199210-200
1	For use with Sierra Ascent and Summit. 1/8" jack.	202600-000



Stim Probe Extension

Hand-held stimulus probe extension cable. This extension cable comes with two stainless steel stimulus probes and has three cathode (black) and two anode (red) outputs. Ideal for standard nerve conduction or Blink-reflex studies on adult or pediatric patients. Probe tip spacing is adjustable at 2.5, 1.9, 1.3, and 0.6 cm. Extra cathode and anode connections allow bar or ring electrode to be connected without having to remove the probes. The cable is 32" inches in length and terminates in two color coded 1.5 mm safety touch proof connectors.

Qty	Description	Order Number
1	3 black outputs, 2 red outputs. Stimulus spacing: 2.5 cm, 1.9 cm, 1.3 cm, 0.6 cm.	302151-200



Ives CPE (Conductive Plastic Electrode)

Conductive plastic electrodes 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™. Call for custom sets. **Not stocked. Lead time required.**

Qty	Description	Order Number
1	22 leads CPE	202950-000
1	25 leads CPE	202952-000

Note: Requires EEG harness electrode array shown below.



EEG Harness Electrode Array

The harness matches the electrode array. This connects the EEG electrodes to the head-box of any EEG machine via individual "touch-proof" connectors. Thus the patient can be disconnected from the recording apparatus via the small mass connections and then reconnected upon returning. Since the patient's electrode connectors are color coded, the disconnection/reconnection can be handled by nursing staff. Call for custom sets. **Not stocked. Lead time required.**

Qty	Description	Order Number
1	22 lead harness	202951-000
1	25 lead harness	202953-000



Disposable Surface Electrodes

Cadwell Disposable Tab Electrodes (Improved Hydrogel)

Available in small and large sizes, noise is not a factor with these popular, easy-to-place, silver/silver chloride disposable tabs. Use with mini-crocodile clip lead wires.

Dimensions

(contact surface): large tabs - 2.2 x 2.5 cm (.875 x 1 in) small tabs - 1.5 cm (0.5 in) square.

Each 100-count package contains 10 individually sealed sets of 10 tabs.

Single patient use only.



Description	Qty	Order Number
Small tab electrodes	1 pk (100) 10 or more pks	302285-000
Large tab electrodes	1 pk (100) 10 or more pks	302217-000

Cadwell Disposable Ring Electrodes (Improved Hydrogel)

Wrap-around, silver/silver chloride ring electrodes fit pediatric to adult patients. **Dimensions:** 10 cm (4 in) long, 0.6 cm (0.25 in) wide. Each 100-count package contains 10 individually sealed sets of 10 rings. Use with mini-crocodile clip lead wires.

Single patient use only.



Description	Qty	Order Number
Ring electrodes	1 pk (100) 10 or more pks	302286-000

Cadwell Bar Electrodes (Improved Hydrogel)

Disposable bars made of silver/silver chloride have contacts spaced three centimeters center-to-center. Perforated for easy separation into two individual tabs. Use with mini-crocodile clip lead wires. **Dimensions:** 4 cm (1.6 in) long, 1.5 cm (0.5 in) wide. Each 100-count package contains 25 individually sealed sets of 4 bars.

Single patient use only.



Description	Qty	Order Number
Bar electrodes	1 pk (100) 10 or more pks	302287-000

Cadwell Disposable Ground Electrodes (Improved Hydrogel)

Silver/silver chloride ground has a large surface area for superb patient grounding. Use with mini-crocodile clip lead wires (see next section). **Dimensions:** 4.5 cm (1.75 in) long, 3.1 cm (1.25 in) wide. Each 100-count package contains 50 individually sealed sets of 2 grounds.

Single patient use only.



Description	Qty	Order Number
Ground electrodes	1 pk (100) 10 or more pks	302288-000

Disposable Surface Electrodes

Cadwell Economical Patient Paks® Simplify Testing and Billing (Improved Hydrogel)

Whether you're just getting started in your practice or already have a demanding test schedule, you'll appreciate the convenience of Cadwell Patient Paks™. That's because Patient Paks give you the number of disposable electrodes you need to complete most single-patient studies. With these conveniently packaged, affordably priced disposables, you're always ready to test. Billing is simple, too. By using one Patient Pak, you save the time it would take to track individual electrode use. See next section for lead wires.

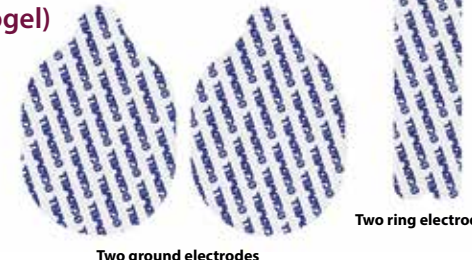


Four bar electrodes or eight tab electrodes

Cadwell Disposable Patient Pak Refills and Starter Kits (Improved Hydrogel)

The Patient Pak contains these disposable, silver/silver chloride electrodes: four bars (can be separated into eight tabs), two rings, and two grounds. Single patient use only. Starter kit with lead wires (one twisted red and black, one green plus one shielded cable) are also available.

Single patient use only.



Two ring electrodes

Two ground electrodes

Patient Pak refill.

Starter kit including mini-crocodile clip lead wires are also available.

Description	Qty	Order Number
Starter Kit. Includes 1 pair twisted red and black mini-crocodile clip lead wires, 1 green mini-crocodile clip lead wire, (76 cm/30 in) 1 (46 cm/18 in) shielded cable and 25 Patient Paks.	1	302221-200
Patient Pak Refill. Includes 25 Patient Paks.	1	302120-000

NuTab™ Disposable Tab Electrodes

NuTab™ disposable tab electrodes use a patented conductive adhesive hydrogel which allows for excellent adhesion. Substrate is clear and product footprint has rounded corners. 100 electrodes per pack. **Dimensions:** 25.4mm x 19mm (1" x 7/8").

Single patient use only.

Description	Qty	Order Number
NuTab™ electrodes	1 (100/pk)	202373-000

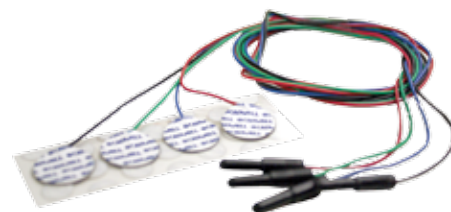




Cadwell Disposable Disc Electrodes with leads (Improved Hydrogel)

Four disposable disc electrodes are pre-gelled and attached to wires in red, blue, black and green. Four mil carbon film, silver/silver chloride coated. Each box contains 20 individually sealed sets of four leads. Uses new Hydrogel for enhanced performance.

Single patient use only.



Description	Lead Length		Qty	Order Number
	cm	in		
Disc with leads	48	19	1 box (20) 5 or more boxes	302291-000
Disc with leads	100	39	1 box (20) 5 or more boxes	302290-000

Ambu® Neuroline Disposable Tab Electrodes with Lead Wire

Self adhesive electrodes are easy to reposition and feature high quality silver/silver chloride sensor for optimum signal quality. Color coded lead wires come in either 50cm or 80cm (20", 32"). Package contains 4 sets with 3 electrodes each.

Single patient use only.

202383-000-060-PK12 is a duckfoot style for better grip. White only.



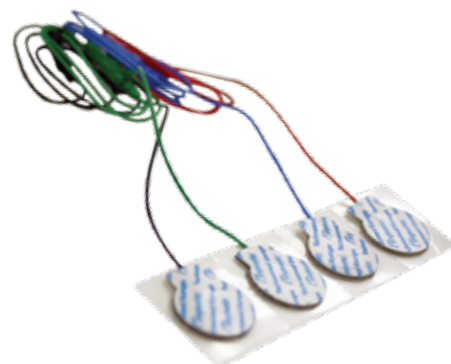
202383-000-060-PK12

Description	Lead Length		Qty	Order Number
	cm	in		
Tabs with lead wires	50	20	1 pk (12)	202380-000
Tabs with lead wires	50	20	1 box (20 pks)	202380-000-020-BX20
Tabs with lead wires	80	32	1 pk (12)	202381-000
Tabs with lead wires	80	32	1 box (10 pks)	202381-000-032-BX10
Large tab with lead wires	150	60	12 pk	202383-000-060-PK12

Technomed Disposable 4 Discs with Lead Wires

Disposable surface electrodes are pre-gelled and made with lightweight flexible PVC wires utilizing the touch proof safety connectors in various colors (red, blue, green and black) for easy identification. A silver/silver chloride conductive layer ensures low impedance for optimal recording. The electrode pads are manufactured of soft and flexible material to ensure minimal patient discomfort. A gel free tab supports the electrode for ease of repositioning leaving no gel residue. Electrodes come in various lengths.

Single patient use only.



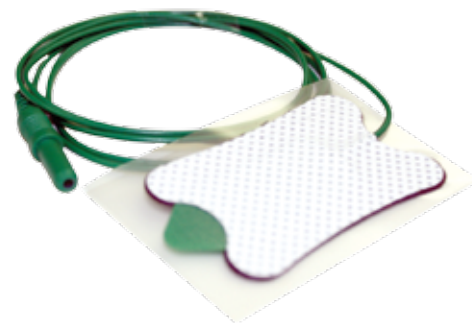
Description	Lead Length		Qty	Order Number
	cm	in		
4-Disc with lead wires	100	39	1 box (10 sets)	202290-000-010
4-Disc with lead wires	200	80	1 box (10 sets)	202290-000-020

Disposable Surface Electrodes

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. Lead wire is 100cm (40") long. Each individual electrode is packaged in a foil pouch for longer shelf life. Sold in packs of 25 electrodes.

Single patient use only.



Description	Lead Length		Qty	Order Number
	cm	in		
Ground with lead wires	100	40	1 box (25)	202382-000
Ground with lead wires	150	60	1 box (25)	202382-000-060-BX25

Patch Electrodes with Snap Connectors

Two styles of disposable patch electrode with snap connectors are available. The one inch square patch uses a specially formulated adhesive solid gel. Ideal for PSG studies where leg movement or ECG data is desired. The oblong wet gel patch has an offset snap that fits well around the eyes and on the chin.

Single patient use only.

Clear lead wires are available with black or red connectors. Available in 60" or 120" lead length. Color coded leads are available in sets of 11 or 4 and designed for use with the BraiNet® electrode template system and the Cadwell color coded input boxes sold on pages 27 and 30, respectively. Lead lengths are 24" or 60".



Color coded snaps



302700-000



202696-000



Color coded snap kit with black twist
(also available in white twist)

Description	Lead Length		Qty	Order Number
	cm	in		
Single-use offset patch - wet gel	-	-	1 pk (25)	202696-000
Single-use patch	-	-	1 pk (30) 10 or more pks	302700-000
Lead wire with snap connector (Red)	152	60	1	302696-200
Lead wire with snap connector (Black)	152	60	1	302697-200
Lead wire with snap connector (Red)	305	120	1	302698-200
Lead wire with snap connector (Black)	305	120	1	302699-200
Color coded wires with snap	61	24	1 pk (11)	302300-000-024
Color coded wires with snap	152	60	1 pk (4)	302300-000-060
Color coded snap kit with black twist	122	48	5 pair	302313-200
Color coded snap kit with white twist	122	48	5 pair	302312-200

Cables, Lead Wires, Adapters

Mini-Crocodile Clip Lead Wires

Great for both tab and snap electrodes. Sold individually or grouped together in convenient mini-crocodile clip lead wire kits. Red and black twisted wires available for reduced noise. Non sterile.



Description	Lead Length		Qty	Order Number
	cm	in		
Red	46	18	1	302123-200
	76	30	1	302250-200
	122	48	1	302124-200
Black	46	18	1	302125-200
	76	30	1	302251-200
	122	48	1	302126-200
Green	46	18	1	302127-200
	76	30	1	302252-200
	122	48	1	302128-200
1 red, 1 black twisted	76	30	1	302160-200
Kits				
1 red, 1 black, 1 green	46	18	1	302225-200
1 red, 1 black, 1 green	76	30	1	302253-200
1 red, 1 black, 1 green	122	48	1	302226-200
1 red & 1 black twisted 1 green	76	30	1	302227-200

Shielded Crocodile Clip Cable

Lightweight, shielded cable with crocodile clips. Use with any disposable surface electrode. Strong clips lock securely onto electrode for clean signal. Entire cable lengths are shielded for reduced noise interference. 5-pole DIN connector to terminus is 30" (762mm). Active and reference lead wires are 12" (304mm) and ground lead wire is 14" (355mm).



Qty	Order Number
1	202203-000

Extension Lead Wires

This flexible extension lead wire lets you increase the distance between your patient and the amplifier. Extension leads come in red, black, or green and are 122 cm (48 in) long or blue at 183 cm (72 in) long. Non sterile.



Description	Qty	Order Number
Red (48 in)	1	302129-200
Black (48 in)	1	302130-200
Green (48 in)	1	302131-200
Blue (72 in)	1	302137-200

Dual & Quad Extension Lead Wires

Perfect for the OR, the blue-and-white dual extension ribbon cable with touchproof connectors provides a 60" extension. The quad extension ribbon cable provides a 72" extension. Non-sterile.



Lead Length		Qty	Order Number	
cm	in			
152	60	Dual extension	1	302774-200
183	72	Quad extension	1	302781-200
457	180	Dual extension	1	302774-200-180

Cables, Lead Wires, Adapters

DIN Cable Adapter

DIN cable adapter lets you attach cables terminating in 5-pole DIN round connectors to your 1.5-mm (0.06-in) amplifier or stimulator probe jacks; e.g., interfaces Medtronic® needle or pelvic floor electrode cables to Cadwell instruments. Terminates in a touchproof, tri-lead connector that is color-coded for easy identification of active, reference, and ground. The ground connector end is “stackable,” so you can plug it directly into the amplifier and attach the patient ground lead wire to the back of the ground connector.

Qty	Order Number
1	302771-200



Cadwell Shielded Interconnect Cable

5-pole DIN connector and 3-port, wide-body yoke provides an 18- to 48-inch electrode line extension. Each touchproof port is color-coded so you can easily identify active (black), reference (red), and ground (green). Sold individually. A clip for attaching the cable to the patient's gown is also available.

Cable Length		Qty	Order Number
cm	in		
46	18	1	302176-200
122	48	1	302192-200
Gown clip		1	302772-200



Reference Jumper

Reference jumper features two stackable, 1.5-mm (0.06-in) touchproof connectors and a 15-cm (6-in), ultra-flexible lead wire. Also available as a 249 cm (98-in) wire. Sold individually.

cm	in	Qty	Order Number
15	6	1	302169-200
249	98	1	302167-200



Amplifier Adapters

Convert any EMG/EP or EEG amplifier with 2mm pin jacks to accept touchproof connectors with these adapters. Available in two sizes. Sold individually. Adhesive washers for temporarily securing the adapter's connection to the amplifier are included with white adapters.

cm	in	Color	Qty	Order Number
12.7	0.5	White	1 adapter 10 or more	302144-200
9.0	0.35	Gray	1 adapter 10 or more	302194-200



Quick Connect Adapter

Allows connection to stim probes (**page 51 - a, b or c**), eliminating the need to remove probes to attach ring or bar electrode to stimulator.

Comes in a pack of 2 twisted sets.

Qty	Order Number
1 (2 pk)	302228-200



IONM Electrodes and Accessories

Neurotechnologist Reference Guide

The Neurotechnologist reference guide is a valuable resource for the intraoperative neurophysiology technologist.

Description	Qty	Order Number
Neurotechnologist Reference Guide	1	091003-000



Cadwell Disposable Subdermal Needle Electrodes

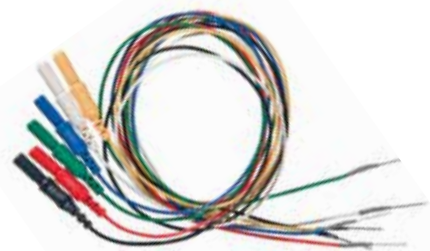
Standard single subdermal needle. Ultra sharp tip for low penetration resistance. Each set contains 6 lead wire colors and there are 4 sets (24 needles total) in each box. Needles are 13x.40mm (.5"-27G). Wires are available in various lengths. See description below. Presterilized by ETO gas. **Single patient use only.**



Length		Diameter		Wire Length		Qty	Order Number
mm	in	mm	Gauge	meters	feet		
13	0.5	0.40	27	1.0	3.3	1 box (24)	302353-000-040
13	0.5	0.40	27	1.5	5	1 box (24)	302353-000-060
13	0.5	0.40	27	2.0	6.5	1 box (24)	302353-000-080
13	0.5	0.40	27	2.5	8	1 box (24)	302353-000-100

Ambu® Neuroline Disposable Subdermal Needle Electrodes

Lancet cut ultra sharp tip for low penetration resistance. Low noise and impedance level giving you a clear and reliable signal. Stainless steel needle, color coded attached lead wires. Wires are available in various lengths. See description below. Needles sold in boxes of 24. Presterilized by ETO gas. **Single patient use only.**



Length		Diameter		Wire Length		Qty	Order Number
mm	in	mm	Gauge	meters	feet		
12	0.5	0.40	27	0.5	1.67	1 box (24)	202353-000
12	0.5	0.40	27	1	3.34	1 box (24)	202354-000
12	0.5	0.40	27	1.5	5.0	1 box (24)	202356-000
12	0.5	0.40	27	2.5	8.25	1 box (24)	202355-000

IONM Electrodes and Accessories

Cadwell Twisted Disposable Subdermal Needle Electrodes

These needles have been optimized to provide easy and secure recording when placed directly into the scalp. Made of stainless steel and designed for strength and flexibility, the tip is sharpened with precision to an ultra sharp lancet cut for easy penetration. The twisted lead wires reduce noise and impedance levels giving a clean, clear signal. Sold in boxes of 12 sets. Each box contains red, green, blue, yellow, orange, and purple twisted with black and white wires. Presterilized by ETO gas.

Single patient use only.



Length		Diameter		Wire Length		Qty	Order Number
mm	in	mm	Gauge	meters	feet		
13	0.5	0.40	27	1.0	3.3	1 box (12)	302820-000-040
13	0.5	0.40	27	1.5	5	1 box (12)	302820-000-060
13	0.5	0.40	27	2	6.5	1 box (12)	302820-000-080
13	0.5	0.40	27	2.5	8	1 box (12)	302820-000-100

Ambu® Neuroline Disposable Subdermal Needles with Twisted Pair Lead Wires

These needles have been optimized to provide easy and secure recording when placed directly into the scalp. Made of stainless steel and designed for strength and flexibility, the tip is sharpened with precision to an ultra sharp lancet cut for easy penetration. The twisted lead wires reduce noise and impedance levels giving a clean, clear signal. Sold in boxes of 20. Presterilized by ETO gas.

Contains red, green, blue, yellow, and orange twisted with a black and white wire.

Single patient use only.



Length		Diameter		Wire Length		Qty	Order Number
mm	in	mm	Gauge	meters	feet		
12	0.5	0.40	27	1	3.34	1 box (20)	202820-000-040
12	0.5	0.40	27	1.5	5	1 box (20)	202820-000-060

Cadwell Six Twisted Pair Disposable Subdermal Needle Electrodes

Convenient multiple twisted subdermal needle electrodes for reduced time of setup. Six lead twisted group comes with red, yellow, blue, green, black and white. Presterilized by ETO gas.

Single patient use only. Lower cost per needle.



Length		Diameter		Wire Length		Qty	Order Number
mm	in	mm	Gauge	meters	feet		
13	0.5	0.40	27	1.5	5	1 box (12)	302821-000-060

Cadwell Subdermal Corkscrew®

Standard single stainless steel corkscrew needle. Each box contains 4x6 multi-colored lead wires 47" long. The corkscrew design of this subdermal electrode keeps it in place during use. The ground tip allows easy skin penetration and the corkscrew design provides stability during monitoring. Individually sterile package. Presterilized by ETO gas.

Single patient use only.

Length		Qty	Order Number
cm	in		
120	47	1 box (24)	302357-000



Ad-Tech Epidural Spinal Electrode

Ideal for recording D-waves during motor evoked potential monitoring, this electrode has three platinum contacts. Attached 48" (121cm) ribbon cable terminates in standard touchproof connectors. 16 gauge Tuohy needle and internal stylet included. Individually sterile packaged

Single patient use only.

Qty	Order Number
1	202830-000



NeuroVision Laryngeal Surface Electrode

For continuous monitoring of the recurrent laryngeal branch of the Vagus nerve during surgery, this specially designed surface electrode is reliable and easy to use. 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. Endotracheal tube not included. Individually packaged. Non-sterile.

Single patient use only. Not for EMT use.



Description	Lead Length		Qty	Order Number
	cm	in		
Large single-channel laryngeal surface electrode. ET Tube 8.0-9.5 mm.	76	30	1	202426-000
Small two-channel laryngeal surface electrode. ET Tube 6.0-7.5 mm.	200	78	1	202427-030
Large two-channel laryngeal surface electrode. ET Tube 8.0-9.5 mm.	200	78	1	202427-050

IONM Electrodes and Accessories

Ad-Tech Subdural Strip Electrode and Connection Cable

For use in cortical mapping, cortical stimulation, and electrocorticography, test procedures, this electrode strip has either four or six, 4mm² numbered platinum contact discs with 10mm spacing in a flexible silastic body. Individually sterile packaged. Connection cable sold separately. See below.

Single patient use only.

The reusable six-foot (1.8 meter) cable connects the electrode to monitoring equipment using 1.5mm touch-proof connections. The lightweight cable has numbered, color-coded flags for easy identification of connections. The attached, hinged, transparent terminal block allows for visual assurance of connection between cable and electrode. Individually sterile packaged. Reusable. Gas sterilize.

Description	Qty	Order Number
1x4 Subdural Strip Electrode	1	202400-000
1x6 Subdural Strip Electrode	1	202402-000
1x4 Electrode cable 6 ft. (1.8 meters)	1	202401-000
1x6 Electrode cable 6 ft. (1.8 meters)	1	202403-000
1x4 Subdural Strip Electrode, 1 pc	1	202404-000
1x6 Subdural Strip Electrode, 1 pc	1	202405-000
1x8 Subdural Strip Electrode, 1 pc	1	202406-000



1x4 strip electrode



1x4 electrode cable

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. **Sterilized for single use.**

Description	Lead Length		Qty	Order Number
	cm	in		
Right Angle (up to 1/4"/6.35mm)	183	72	1	302773-200

Call for volume pricing.



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". Ideal for dilators. **Sterilized for single use.**

Description	Lead Length		Qty	Order Number
	cm	in		
Multi-Stage Clip - Sterile, Single-Use	183	72	1	302775-200

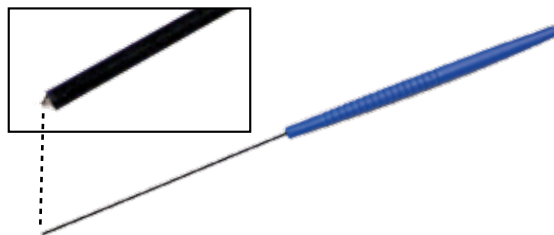
Call for volume pricing.



Cadwell Disposable Concentric Probe

Ideal stimulation tool for minimum current spread and maximum stimulus specificity, this probe has an outer circumferential anode pole and an inner, straight cathode pole separated by insulation and Teflon coated to the tip. The probe shaft may be bent to an angle of up to 30 degrees to aid in use under a microscope. Each pack contains 10 probes. 90 mm shaft.

Individually sterile packaged for single patient use only.

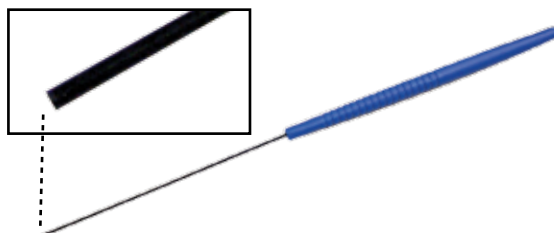


Description	Lead Length		Qty	Order Number
	cm	in		
Concentric probe	200	78	1 box (10 ea)	302425-000

Cadwell Disposable Flush Tip Monopolar Probe

This single-use stimulating probe is suitable for direct nerve stimulation, and is great for locating and mapping cranial nerves in the surgical field. 90 mm shaft.

Individually sterile packaged for single patient use only.

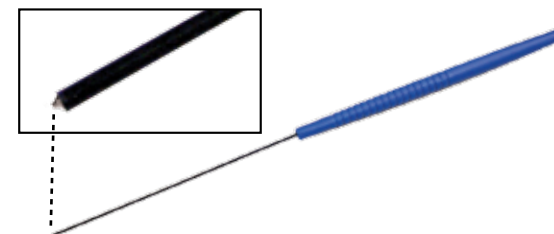


Description	Lead Length		Qty	Order Number
	cm	in		
Flush Tip Monopolar Probe	200	78	1 box (10 ea)	302426-000

Cadwell Disposable Monopolar Probe

This single-use stimulating probe is suitable 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. A 30° bend may be placed in the shaft of the probe for use under a microscope. 90 mm shaft.

Individually sterile packaged for single patient use only.

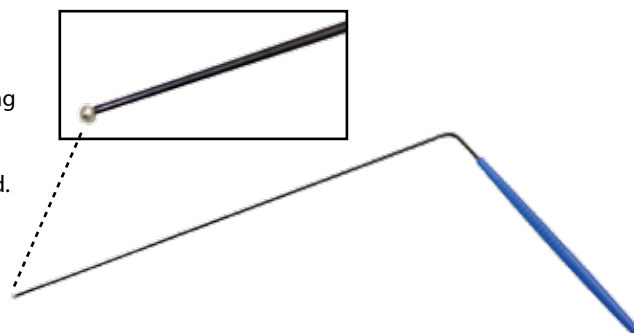


Description	Lead Length		Qty	Order Number
	cm	in		
Monopolar probe	200	78	1 box (10 ea)	302427-000

Cadwell Disposable Bent Ball-Tip Probe

Ball-tipped monopolar probe provides an excellent means of stimulating pedicle screws. 75° bend for easy access under microscope. The shaft is insulated to help prevent current shunting and the exposed Ø2.3mm ball tip provides a contact area for stimulation. 215 mm shaft after bend.

Individually sterile packaged for single patient use only.



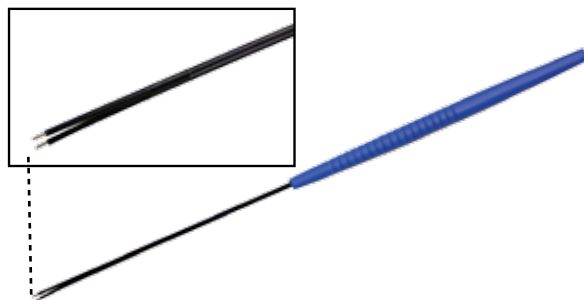
Description	Lead Length		Qty	Order Number
	cm	in		
Bent Ball-Tip Probe	200	78	1 box (10 ea)	302428-000
Bent Ball-Tip Probe	200	78	1 ea	302405-000

IONM Electrodes and Accessories

Cadwell Side-by-Side Bipolar Probe

Ideal for direct nerve stimulation or stimulation through a small amount of tissue. Current is passed through two probe tips which limit the spread of current and increases specificity. Tip spacing can be adjusted. A 30° bend may be placed in the shaft of the probe for use under a microscope. 90 mm shaft, 2 mm spacing. Each box contains 10 probes.

Individually sterile packaged for single patient use only.

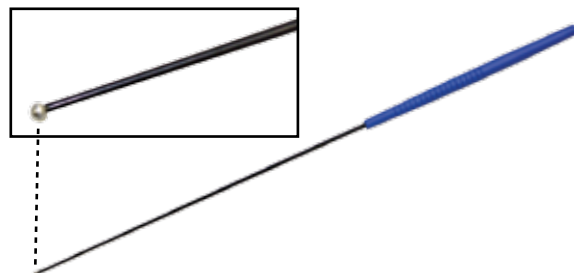


Description	Lead Length		Qty	Order Number
	cm	in		
Side-by-Side Bipolar Probe	200	78	1 box (10 ea)	302429-000

Cadwell Disposable Ball-Tip Probe 90, 160, 200mm

Ball-tipped monopolar probe provides an excellent means of stimulating pedicle screws. The shaft is insulated to help prevent current shunting and the exposed Ø2.3mm ball tip provides a perfect contact area for stimulation. The multiple shaft lengths of 90, 160, and 200mm make them ideal for various procedures including lateral access. A 30° bend may be placed in the shaft of the probe for use under a microscope.

Individually sterile packaged for single patient use only.

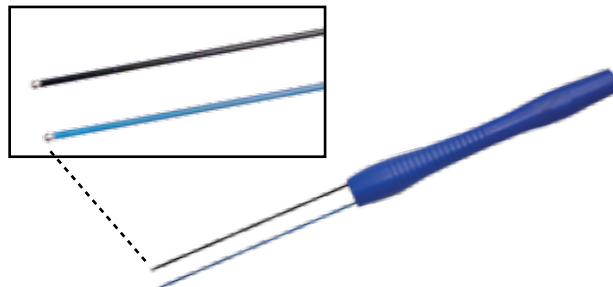


Description	Lead Length		Qty	Order Number
	cm	in		
Ball-Tip Probe 90mm	200	78	1 box (10 ea)	302430-000-090
Ball-Tip Probe 160mm	200	78	1 box (10 ea)	302430-000-160
Ball-Tip Probe 200mm	200	78	1 box (10 ea)	302430-000-200
Ball-Tip Probe 90mm	200	78	1 ea	302404-000-090

Cadwell Disposable Double Ball-Tip Probe

This disposable probe is for stimulating or recording directly from the peripheral nerves and nerve roots. The Ø2mm Double Ball tips have a 10mm spacing, and the shafts are 100mm long. Sold individually.

Individually sterile packaged for single patient use only.

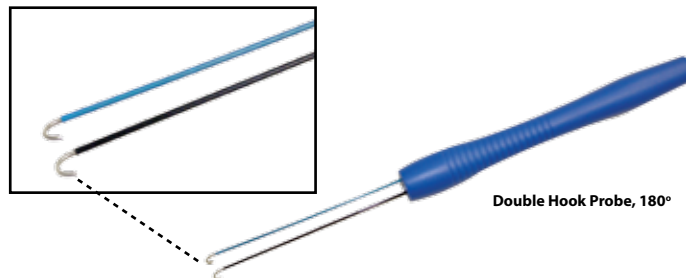


Description	Lead Length		Qty	Order Number
	cm	in		
Double Ball-Tip Probe	200	78	1 each	302431-000

Cadwell Disposable Hook Probes

For stimulating or recording directly from the peripheral nerves and nerve roots. 90 mm shafts. Sold individually.

Individually sterile packaged for single patient use only.

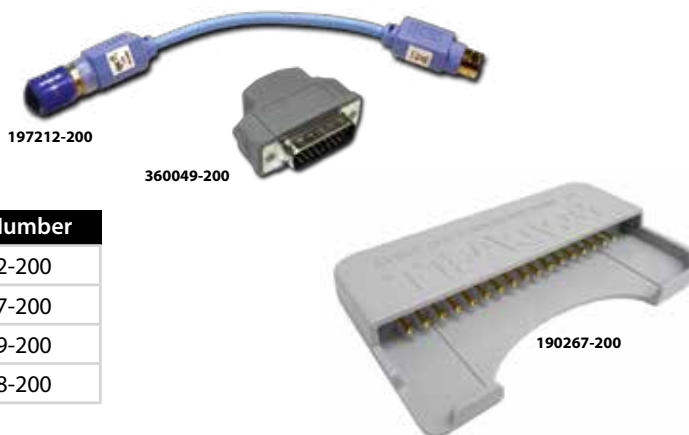


Double Hook Probe, 180°

Description	Lead Length		Qty	Order Number
	cm	in		
Right Angle Double Hook Probe, 90°	200	78	1 each	302420-000
Double Hook Probe, 100°	200	78	1 each	302421-000
Double Hook Probe, 180°	200	78	1 each	302422-000
Triple Hook Probe, 100°	200	78	1 each	302423-000
Triple Hook Probe, 180°	200	78	1 each	302424-000

Cascade Impedance Test Array Fixtures

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



Description	Qty	Order Number
Cascade 16 Channel Test Fixture	1	197212-200
Pro and Elite Input Pod Test Fixture - 16 Input	1	190267-200
Pro and Elite Base Test Fixture	1	360049-200
ES-IX Test Array	1	190268-200

Replacement Remote Input Extender Pod

Replacement input extender pods for Cascade, Cascade Pro and Cascade Elite systems.



Description	Length	Qty	Order Number
Cascade 16 channel/8 inputs	6m (20')	1	199233-200
Pro and Elite 16 inputs	3m (10')	1	199251-200
Pro and Elite 16 inputs	6m (20')	1	199252-200

Cascade Pro and Elite QuickConnect Replacement Kit

Replacement parts for the Elite cable connections at the base.

Description	Qty	Order Number
QuickConnect Replacement	1	340006-200



Microscope Connection Kit

The microscope connection kit consist of the following items: coaxial cable (available in either 12 (3m) or 50 foot (15m) lengths), an analog to digital video adapter and a BNC to RCA adapter. 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.

Description	Qty	Order Number
Coaxial cable 12' (3m)	1	199002-200
BNC/BNC Video 50' (15m) cable	1	199250-200-050
Video Converter	1	290157-000
BNC to RCA adaptor	1	277024-000



IONM Electrodes and Accessories

Electrosurgery Detector

Provides an easy-to-setup means of preventing electro-surgical artifact from contaminating evoked potential responses and EMG recordings. Attach the electrosurgery detector clip(s) around the lead wires of electrosurgery tools and turn on the Bovie Mute and Bovie Reject options in the Cascade software. One clip will handle multiple tools from a single electrosurgery unit. When two electrosurgery units are in use, two clips may be used with a single module. The electrosurgery detector module plugs into the Auxiliary port on the base unit of the Cascade or Cascade Elite. **Clips sold separately from module.**

Description	Qty	Order Number
Electrosurgery detector module	1	190235-200
Electrosurgery detector clip	1	190236-200
Cable Cascade 25'	1	355258-200
Cable Pro and Elite 25'	1	355325-200



Noise Detect Probe, 200EP Inductive Amplifier

Allows monitorists 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.

Qty	Order Number
1	198213-000



Cascade Elite Power/Communication Module

Power/Communication Module provides communication between the Cascade Elite Amplifier/Base Unit and the computer via standard 10 base T Ethernet cable and Elite power/com cable. Provides AC power to the Elite system via hospital grade power cord. Power cord, 10 base T cable and power/com cables sold separately.

Description	Qty	Order Number
Elite Power/Com module	1	190240-200
3m (9.75') AC power cord	1	286002-000
2m (6.5') 10 Base T Ethernet Cable	1	286050-000
6m (2') 10 Base T Ethernet Cable	1	286054-000
7.6m (25') Power/Com cable	1	362042-000



Velcro Straps

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.

Qty	Order Number
1	056040-000

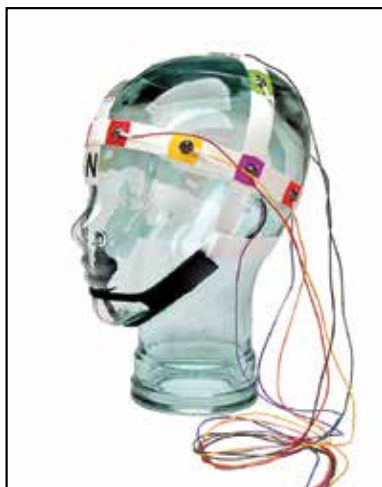


EEG Electrodes and Accessories

Note: See page 14 for image-friendly EEG electrodes.

BraiNet® EEG Electrode Positioning System and Electrodes

Developed by Jordan Neurosciences, the patented, color-coded BraiNet® template system provides a fast, accurate, safe and easy way to correctly place EEG surface electrodes on patients. These disposable, single patient use templates are ideally suited for the ICU, emergency departments, ambulatory EEG and sleep laboratories. **Color coded EEG or PSG input boxes are available on page 32.**



Original BraiNet® Template



10/20 BraiNet® Template



Sleep BraiNet® Template

Description	Circumference		Qty	Order Number
	cm	in		
Original Child/Small Template	46-54	18-21	1	202969-030
Original Adult/Large Template	54-62	21-24	1	202969-050
10/20 X-Small Template	45.5-49	18-19	1	202970-020
10/20 Small Template	49.5-54	19-21	1	202970-030
10/20 Medium Template	54.5-57	21-22	1	202970-040
10/20 Large Template	57.5-62	22-24	1	202970-050
Sleep Template, Small	49-54	19-21	1	202971-030
Sleep Template, Medium	54-57	21-22	1	202971-040
Sleep Template, Large	57-62	22-24	1	202971-050

Baby BraiNet® Neonatal template available. Call for availability and pricing.



EEG Color Coded Input Box
190249-200

Color Coded Electrodes for BraiNet® Templates

Color coded lead wires provide ease of placement when using the BraiNet templates and Cadwell color coded input boxes. **A variety of head boxes are available to suit any need. See page 32. Other configurations are available. Call for details.**



Description	Qty	Order Number
Gold Cup/Snap/Patch Combo Kit for BraiNet® Sleep (contains 32" gold cups (7), 24" snap leads (11), 60" snap leads (4), and self adhesive wet-gel snap patches (25))	1 (22 pk)	302690-200
EEG (26) Gold Cup and (2) Snap Color Coded Kit (contains 48" gold cups (26) and 60" snap leads (2))	1 (28 pk)	302691-200
Disposable Cup for BraiNet® Original/Baby	1 (16 pk)	202972-000
Disposable Cup for BraiNet® 10/20	1 (24 pk)	202973-000
Disposable Subdermal Needle for BraiNet® Original/Baby	1 (16 pk)	202974-000
Disposable Subdermal Needle for BraiNet® 10/20	1 (24 pk)	202975-000

Head Cap Systems

Made with elastic fabric, these head cap systems are packaged to provide everything you need to begin testing. Each Electro-Cap™ System features pure tin electrodes positioned according to the International 10-20 System. 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.

Please allow for extended delivery schedule.

Head Cap System I

Package includes:

- Medium head cap
- Medium body harness
- One quick-insert electrode
- Pair of ear electrodes
- 100 disposable sponge discs
- Needle/syringe kit
- Jar of Electro-Cap gel, 454 gm (16 oz)
- Head measuring tape
- Bottle of liquid soap, 330 gm (12 oz)
- Instruction manual

Order Number

Easy II, Easy III 197156-000



Head Cap System I Shown

Head Cap System II

Package includes:

- Large head cap
- Medium head cap
- Medium body harness
- Two quick-insert electrodes
- Two pairs of ear electrodes
- 100 disposable sponge discs
- Two needle/syringe kits
- Jar of Electro-Cap gel, 454 gm (16 oz)
- Head measuring tape
- Bottle of liquid soap, 330 gm (12 oz)
- Instruction manual

Order Number

Easy II, Easy III 197157-000

Head Cap System III

Package includes:

- Large head cap
- Medium head cap
- Small head cap
- Extra-small head cap
- Medium body harness
- Small body harness
- Four quick-insert electrodes
- Two pairs of ear electrodes
- 100 disposable sponge discs
- Four needle/syringe kits
- **Two** jars of Electro-Cap gel, 454 gm (16 oz)
- Head measuring tape
- Bottle of liquid soap, 330 gm (12 oz)
- Instruction manual

Order Number

Easy II, Easy III 197158-000

For replacement supplies, please call Electro-Cap at 1-800-527-2193

HydroDot® Electrode Application Starter Kits and StatNet™ Adult Sizes

These items and additional products from HydroDot® are available via special order.



EEG Gold Cup Electrodes

10-mm (0.4-in) Diameter cups have multi-color lead wires and 2-mm (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 6.5-mm (.25-in).



Description	Lead Length		Connector	Use With	Qty	Order Number
	cm	in				
Gold Cup	122	48	Black	EEG	1 (10/pk)	302132-200
			Yellow		1 (10/pk)	302055-200
			Red		1 (10/pk)	302058-200
Gold Cup	152	60	Black	EEG	1 (10/pk)	302641-200
			Yellow		1 (10/pk)	302644-200
			Red		1 (10/pk)	302647-200
Gold Cup	280	110	Black	PSG	1 (6/pk)	302695-200
Gold Cup	80	32	Asst.	Adult	1 (26/pk)	302768-200
Gold Cup	70	28	Asst.	Pediatric	1 (26/pk)	302769-200
Gold Cup	45	18	Black	Intra-operative	1 (10/pk)	302155-200

Disposable EEG Cup Electrodes

Use when a disposable cup electrode is desired. 10mm (0.4") diameter cups have 2mm (0.08") holes for easy application of paste/collodion. The 152cm (60") lead wires and connectors are multi colored to help when plugging into the headbox.



Description	Lead Length		Qty	Order Number
	cm	in		
Disposable Cup	152	60	1 (10/pk)	202100-000

See page 29 for BraiNet electrodes. Also used for Ambulatory.

EEG Electrodes and Accessories

Remote Input Headbox

Two styles of remote input boxes are available for use with the Easy II and Easy III system. The side mount input boxes work well when you place the input boxes adjacent to the patient. Top panel mount input boxes (like the Easy 10-20 Remote Input Box #190249-000) work well for EEG recordings. Detachable cables are available in 10 ft. (3m), 20 ft. (6m) or 30 ft. (9m) lengths, and are sold separately.



Easy II 10-20 EEG Remote Input Box.
190237-200



Easy III 10-20 EEG Remote Input Box.
190229-200

Description	Qty	Order Number
Easy II remote input headbox (electrodes plug into sides)	1	190237-200
Easy III 10-20 low profile remote input headbox (electrodes plug into sides)	1	190229-200
Easy III remote input headbox 1-32 channel (electrodes plug into sides)	1	190230-200
Easy III remote input headbox 33-64 channel (electrodes plug into sides)	1	190231-200
Easy III remote input headbox 65-96 channel (electrodes plug into sides)	1	190232-200
Easy III remote input headbox 97-128 channel (electrodes plug into sides)	1	190233-200
10-20 pattern remote input headbox for Easy II or Easy III EEG (electrodes plug into top)	1	190249-200
10-20 pattern remote input headbox for Easy II or Easy III PSG (electrodes plug into top)	1	190256-200
Remote input box pouch	1	198214-000
10' cable for Easy II or Easy III	1	199216-000
20' cable for Easy II or Easy III	1	199216-000-020
30' cable for Easy II or Easy III	1	199216-000-030
Replacement remote input box lanyard	1	067002-000



Remote Input Box Pouch
198214-000



EEG Color Coded Input Box
190249-200

Photic Stimulators

Photic stimulators for Easy III and Easy II systems.



(P/N # 190228-200)



(P/N # 190182-200)

Item	Description	Qty	Order Number
Easy III Photic Stimulator	Flash rate of 1-60Hz	1	190228-200
Easy III Photic Stimulator Cable 2m (6.5ft)	Connects photic to amplifier or powercom	1	362036-000
Easy III Photic Stimulator Cable 4m (13ft)	Connects photic to amplifier or powercom	1	362037-000
Easy II Photic Stimulator	Flash rate of 1-25Hz	1	190182-200
Easy II Photic Stimulator Cable 7.6m (25ft)	Connects photic to amplifier or powercom	1	355258-200

Patient Event Switch

For Easy III EEG. Plugs into the DC input of the Easy III amplifier.

Description	Qty	Order Number
10' Patient Event Switch	1	199244-200-010
25' Patient Event Switch	1	199244-200-025



Power/Communication Modules

Power/Communication Modules connect EEG amplifiers to the computer via standard 10 base T Ethernet communication cable. Provides AC power via hospital grade power cord. Power cord and network cable sold separately. 10 base T network cable and hospital grade AC power cables fit both Easy II and Easy III systems.



Easy II Power/Com module
(P/N # 197145-200)



Easy III Power/Com module
(P/N # 190245-200)

Item	Description	Qty	Order Number
Easy III Power/Com module	Provides AC power and communication between amplifier and computer	1	190245-200
2 m (6ft) amp cable	Connects Easy III amp and Power/Com module	1	362038-000
4 m (13ft) amp cable	Connects Easy III amp and Power/Com module	1	362039-000
Easy II Power/Com module	Provides AC power and communication between amplifier and computer	1	197145-200
4m (13ft) amp cable	Connects Easy II amp and Power/Com module	1	355257-200
3m (9.75ft) AC power cable for Easy II or Easy III	For Easy II or Easy III	1	286002-000
2m (6.5ft) Base T communication cable	For Easy II or Easy III	1	286050-000

Easy III Amplifier Wall Bracket

Use to mount the Easy III Amplifier to the wall.



Description	Qty	Order Number
Easy III Amplifier Wall Bracket	1	334760-000

Ambulatory EEG/PSG Accessories

Recorder Cases & Waistbelts

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



Easy Ambulatory
recorder case with optional waistbelt



'D' cell case
(P/N # 198184-000)



Easy Ambulatory amplifier pouch
(P/N # 198183-000)

Description	Qty	Order Number
Easy Ambulatory 'D' cell recorder case	1	198184-000
Replacement battery and recorder holder, 'D' cell	1	197199-200
Easy Ambulatory amplifier pouch	1	198183-000
Easy Ambulatory recorder battery cable	1	197200-200
EasyNet pouch for Easy Ambulatory Modules	1	198215-000
Easy Ambulatory small waist belt 102cm (40in)	1	198181-000-040
Easy Ambulatory large waist belt 152cm (60in)	1	198181-000-060



EasyNet Pouch for
Easy Ambulatory Modules
(P/N # 198215-000)

Chest, Limb & Shoulder Straps

Straps are worn by the patient and use velcro to secure EasyNet® modules.



Limb and Shoulder straps



Narrow shoulder strap



Chest straps with pockets

Description	Qty	Order Number
Easy Ambulatory small chest straps	1	198180-000-040
Easy Ambulatory medium chest strap	1	198180-000-054
EasyNet® 6-port hub large chest strap	1	198180-000-082
Small Limb/Shoulder strap	1	198182-000-012
Large Limb/Shoulder strap	1	198182-000-016
Narrow shoulder strap, 50cm (20in)	1	198196-000-020
Narrow shoulder strap, 101cm (40in)	1	198196-000-040
Cable retaining strap (not shown)	1	198195-000
Anchor strap for narrow shoulder strap	1	198197-000

Electrode Lead Wire Stockinettes

Woven stockinettes capture and contain electrode lead wires to prevent entanglement.

Description	Qty	Order Number
Stockinette, small size 4	1	202169-000
Stockinette, medium size 5	1	202170-000
Stockinette, large size 6	1	202171-000



EasyNet® Cables & Cable Tester

For use with the Cadwell Easy Ambulatory and Easy III recording and playback system. Color coded banding indicates length.



EasyNet® Cable
(P/N # 199237-200)



EasyNet® Cable Tester
(P/N # 190219-200)

Description	Lead Length		Qty	Order Number
	cm	in		
EasyNet cable, black	12	5	1 pk (4)	199237-200
EasyNet cable, yellow	25	10	1 pk (4)	199238-200
EasyNet cable, blue	50	20	1 pk (4)	199239-200
EasyNet cable, green	88	35	1 pk (4)	199240-200
EasyNet cable, red	101	40	1 pk (4)	199241-200
EasyNet cable, white	177	70	1 pk (4)	199242-200
EasyNet cable	243	96	1	199236-200-096
EasyNet cable	457	180	1	199236-200-180
EasyNet cable tester			1	190219-200

Ambulatory EEG/PSG Accessories

Voice Event Microphone

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



Description	Qty	Order Number
Voice event microphone	1	197208-200

EasyNet® Modules

For use with Easy Ambulatory and Easy III.



Description	Qty	Order Number
EasyNet Limb Movement Module	1	190208-200
EasyNet Body Position Module	1	190210-200
EasyNet Nasal Pressure Module	1	190207-200
EasyNet SpO ₂ Oximeter Module	1	190211-200
6-port Hub	1	190214-200

Multi-Purpose Module

The Cadwell Multi-Purpose Module is a small EasyNet® amplifier that can be used with the Easy Ambulatory recorder. The small design allows the user to configure the amplifier to collect EKG, airflow, respiratory effort, and snoring signals. The amplifier was specifically designed to allow the Easy Ambulatory recorder to be used as a Type 3 and Type 4 sleep study recording system.

Note: This module can only be used with Easy III software and Easy Ambulatory recorders.

Description	Qty	Order Number
Multi-Purpose Module	1	190212-200



Miscellaneous Accessories for Easy Ambulatory System

Description	Qty	Order Number
Allen wrench (for recorder compact flash door)	1	020001-000
Patient instruction booklet	1 pk (15)	197220-200
Recorder to computer Interconnect cable (RJ-45 to 9 pin D)	1	362034-000

ApneaTrak PSG Accessories

ApneaTrak Accessories

Below are listed all the accessories that come with an Easy ApneaTrak system and are replacements if any initial items are damaged or lost.



ApneaTrak® Recorder with Case
(Recorder for reference purposes only)



ApneaTrak®
Pouch



RIP belts with RIP sensor
assemblies (Option B)



Snore Microphone



Thermal/Airflow Kit
Adult



Oximeter Probe



ApneaTrak® Pediatric Effort Belt Chest Sensor and
Pediatric Effort Belt Strap (Option A - Default)

Description	Qty	Order Number
ApneaTrak Case	1	198217-000
ApneaTrak Pouch	1	198216-000
ApneaTrak USB Cable	1	286084-000
Thermal/Airflow Kit, Adult	1	202662-030
Tape, Micropore 1 inch	1 box (12)	202363-000
ApneaTrak patient instructions	1	100832-622
Oximeter probe, medium, 1 meter	1	202948-040-100
Snore microphone, 24", keyhole connector	1	202790-000-024
RIP sensor assembly, ApneaTrak chest blue	1	202652-200
RIP sensor assembly, ApneaTrak abdomen yellow	1	202653-200
RIP belt, adult	1	202648-040
Cadwell ApneaTrak® Adult Effort Belt Kit: 2 Sensors, 2 ea-45", 60" Straps	1	203001-000
Cadwell ApneaTrak® Adult Effort Belt Sensor, Chest	1	203002-000
Cadwell ApneaTrak® Adult Effort Belt Sensor, Abdomen	1	203003-000
Cadwell Apneatrak® Effort Belt Strap, Large, 45", 2 Pack	1	203006-050
Cadwell ApneaTrak® Effort Belt Strap, X-Large, 60", 2 Pack	1	203006-060
Cadwell ApneaTrak® Effort Belt Strap, XX-Large, 75", 2 Pack	1	203006-070
Cadwell ApneaTrak® Adult Effort Belt, Chest Sensor & 45" Strap	1	203004-000
Cadwell ApneaTrak® Adult Effort Belt, Abdomen Sensor & 45" Strap	1	203005-000
Cadwell ApneaTrak® Pediatric Effort Belt Kit: 2 Sensors, 2 ea-15",25",35" Straps	1	203001-010
Cadwell ApneaTrak® Pediatric Effort Belt Sensor, Chest	1	203002-010
Cadwell ApneaTrak® Pediatric Effort Belt Sensor, Abdomen	1	203003-010
Cadwell ApneaTrak® Effort Belt Strap, Infant, 15", 2 Pack	1	203006-010
Cadwell ApneaTrak® Effort Belt Strap, Pediatric, 25", 2 Pack	1	203006-020
Cadwell ApneaTrak® Effort Belt Strap, Pediatric XL, 35", 2 Pack	1	203006-030

PSG Electrodes and Accessories

Color coded PSG cup electrodes and BraiNet® Sleep Templates are available on page 29.
Color coded remote input headboxes are available on page 32.

Patch Electrodes with Snap Connectors

Two styles of disposable patch electrode with snap connectors are available. The one inch square patch uses a specially formulated adhesive solid gel. Ideal for PSG studies where leg movement or ECG data is desired. The oblong wet gel patch has an offset snap that fits well around the eyes and on the chin.

Single patient use only.

White lead wires are available with black or red connectors. Available in 60" or 120" lead length. Color coded leads are available in sets of 11 or 4 and designed for use with the BraiNet® electrode template system and the Cadwell color coded input boxes sold on pages 29 and 32, respectively. Lead lengths are 24" or 60".



202696-000



302700-000



Color coded snaps

Description	Lead Length		Qty	Order Number
	cm	in		
Single-use offset patch - wet gel	3.0	1.2	1 pk (25)	202696-000
Single-use patch	2.5	1	1 pk (30) 10 or more pks	302700-000
Lead wire with snap connector (Red)	152	60	1	302696-200
Lead wire with snap connector (Black)	152	60	1	302697-200
Lead wire with snap connector (Red)	305	120	1	302698-200
Lead wire with snap connector (Black)	305	120	1	302699-200
Color coded wires with snap	60	24	1 pk (11)	302300-000-024
Color coded wires with snap	152	60	1 pk (4)	302300-000-060

Snoring Sensor/Microphone

The Sleepmate® snoring sensor is made of a soft elastic polymeric for maximum patient comfort and excellent sealing properties to prevent interference from external noise sources. The sensor attaches to the neck and records the sounds associated with snoring during PSG studies. **The snoring sensor is warranted for six months from the date purchased.**

Qty	Order Number
1	202780-000



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 in the amplifier head box and does not require an external power source. Pediatric/ infant sensor may have longer lead time if not in stock.

These sensors are warranted for nine months from the date purchased.

Description	Qty	Size	Order Number
One-Channel	1	Adult	202602-000
One-Channel	1	Pediatric/Infant	202603-000



CannuTherm™ Thermal and Nasal Pressure Sensor

Sleepmate® thermal and nasal pressure sensor detects nasal pressure airflow and nasal and oral thermal airflow for PSG recording. The nasal probe is simply inserted into the port on the CannuTherm™ cannula and requires no adjustment. The thermal sensor is reusable, the cannula is disposable. **Single patient use only.**



Description	Qty	Order Number
Thermal/Pressure Sensor Kit (contains 1 sensor and 5 cannulas)	1	202621-040
Disposable Cannula	1 pk (25)	202622-040

Thermisense® Thermal and Nasal Pressure Sensor

The Salter Labs® ThermiSense® is a diagnostic thermistor temperature sensing system for use during sleep disorder studies. It will deliver an accurate signal to the head box of your PSG recorder. The specifically designed cannula/holder allows the ThermiSense® thermistor to be placed in the optimal position to accurately sense the oral/nasal thermal airflow changes as well as the nasal pressure signal. This combination will meet the AASM guidelines for nasal pressure and oral/nasal thermal airflow sensing. The system contains an integral circuit tester to check both the head box leads and thermistor for continuity. This eliminates signal problems before beginning a study, saving you time. **Single patient use only.**



Description	Qty	Order Number
Standard Pediatric Kit	1	202662-020
Short Adult Kit - 2' Cannulas, 30" Sensor	1	202662-030
Standard Adult Kit	1	202662-040
Sensor only - Ped	1	202661-020
Sensor only - Adult	1	202661-040
Adult Cannula/Holder, Airflow Pressure, 2'	1 pk (25)	202663-040-002
Adult Cannula/Holder, Airflow Pressure, 7'	1 pk (25)	202663-040-007
Infant Cannula/Holder, Airflow Pressure, ETCO2, 7'	1 pk (25)	202664-010-007
Ped Cannula/Holder, Airflow Pressure, ETCO2, 7'	1 pk (25)	202664-020-007
Interface Box only	1	202660-000

Body Position Sensor

The Sleepmate® body position sensor system is used when collecting PSG or EEG data with the Easy II system. The strap is secured around the chest of the patient and monitors five possible body positions: standing/sitting, supine, prone, left and right. **The body position sensor is warranted for 14 months from the date of purchase.**

Description	Qty	Order Number
Body position sensor for Easy II	1	202943-000



PSG Electrodes and Accessories

RIPmate™ Respiratory Effort Sensors

Sleepmate® respiratory effort sensors monitor and measure chest and abdominal expansion associated with respiratory effort during PSG studies. Compatible with Easy II, Easy III, and Easy Ambulatory systems. (Non-sum). AASM Compliant.



Description	Qty	Order Number
Ped RIP sensor kit (contains 2 belts and sensors)	1	202644-010
Adult RIP sensor kit (contains 2 belts and sensors)	1	202644-040
Pediatric belt, 2 feet	1	202645-010
Ped Thorax RIP sensor kit (contains 1 belt and sensor)	1	202646-010
Ped Abdomen RIP sensor kit (contains 1 belt and sensor)	1	202647-010

Perfect Fit™ PVDF Effort Sensors & Belts

The Perfect Fit PVDF effort belt provides accurate measurement of respiratory effort and maintains polarity. Compatible with Easy II, Easy III, Easy Ambulatory and Easy ApneaTrak. (See page 37 for ApneaTrak).



Description	Qty	Order Number
Perfect Fit II™ Adult Effort Belt Kit: 2 Sensors, 2 ea-45", 60" Straps	1	202995-000
Perfect Fit II™ Adult Effort Belt, Chest Sensor & 45" Strap	1	202996-000
Perfect Fit II™ Adult Effort Belt, Abdomen Sensor & 45" Strap	1	202997-000
Perfect Fit II™ Adult Effort Belt Sensor, Chest	1	202998-000
Perfect Fit II™ Adult Effort Belt Sensor, Abdomen	1	202999-000
Perfect Fit II™ Effort Belt Strap, Large, 45", 2 Pack	1	203000-050
Perfect Fit II™ Effort Belt Strap, XL, 60", 2 Pack	1	203000-060
Perfect Fit II™ Effort Belt Strap, XXL, 75", 2 Pack	1	203000-070
Perfect Fit II™ Pediatric Effort Belt Kit: 2 Sensors, 2 ea-15", 25", 35" Straps	1	202995-010
Perfect Fit II™ Pediatric Effort Belt Sensor, Chest	1	202996-010
Perfect Fit II™ Pediatric Effort Belt Sensor, Abdomen	1	202997-010
Perfect Fit II™ Effort Belt Strap, Infant, 15", 2 Pack	1	203000-010
Perfect Fit II™ Effort Belt Strap, Pediatric, 25", 2 Pack	1	203000-020
Perfect Fit II™ Effort Belt Strap, Pediatric XL, 35", 2 Pack	1	203000-030
Perfect Fit™ SUM Adult Effort Belt Kit: 2 Sensors, 2 Ea-45" Straps EFM	1	203007-000
EFM Interface Cable, Perfect Fit™ Adult Effort Belt, Sum Channel	1	203008-000
Perfect Fit™ SUM Pediatric Effort Belt Kit: 2 Sensors, 2 Ea-15", 25", 35" Straps, EFM	1	203007-010
EFM Interface Cable, Perfect Fit™ Pediatric Effort Belt, Sum Channel	1	203008-010

Pulse Oximetry

Cadwell offers two pulse oximeters from Nonin®. One with a soft wrap and one with a flex wrap.

Description	Qty	Order Number
Pulse oximeter sensor with flex wrap 3m (118in) cable (90 day warranty)	1	202942-000-300
Pulse oximeter sensor with flex wrap 20cm (8in) cable	1	202942-000-020
Pulse oximeter sensor with flex wrap 1m (39in) cable	1	202942-000-100
Medium pulse oximeter sensor soft wrap 1m (39") cable	1	202948-040-100
Medium pulse oximeter sensor soft wrap 3m (118") cable	1	202948-040-300
Large pulse oximeter sensor soft wrap 1m (39in) cable (1 year warranty)	1	202948-050-100
Large pulse oximeter sensor soft wrap 3m (118") cable	1	202948-050-300
Neonate pulse oximeter sensor probe	1	202617-000
Oximeter sensor flex wraps	1 pk (25)	202945-000
Oximeter extender cable	1	202949-000
Cloth disposable (infant)	1	202940-010
Cloth disposable (pediatric)	1	202940-020



Pulse oximeter sensor with flex wrap 3m (118in) cable (P/N # 202942-000-300)



Large pulse oximeter sensor with soft wrap 1m (39in) cable (P/N # 202948-040-100)

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.

Description	Qty	Order Number
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)	1	202263-000
pH Sleep Cadwell adapter (Needed for Cadwell systems; cable that connects recorder to DC input of amplifier)	1	202264-000
3 Volt Coin Cell Battery (20 pack)	1	245014-000-PK20



BCI® Capnocheck® Sleep Capnograph/Oximeter

The BCI® Capnocheck® Sleep Capnograph/Oximeter is a table top device designed for sleep studies to include up to 4 analog outputs (ETCO₂ numeric value, ETCO₂ waveform, inspired CO₂, respiratory rate, heart rate, and SpO₂) for use with the Cadwell Easy PSG system. The BCI® Capnocheck also provides a crisp, clear display for displaying waveforms and numerical data.

Cable is a smart cable, and is required to work with Cadwell systems.

Description	Qty	Order Number
Capnocheck®	1	198221-000
Cable	1	199266-000
DC Adapter Cable	1	199245-200-006



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 perfect for emergency services and ambulance use — or in clinical settings where fast, easy EtCO₂ monitoring is required.

Description	Qty	Order Number
Nonin EtCO ₂ Monitor	1	198212-000
EZ3 Nonin Adaptor Cable	1	199259-000



Gels, Pastes, Prep Supplies

Cadwell Conductivity Gel

This chloride-free, water-soluble gel is perfect for EMG, EP, NCV, and EEG testing. Non-allergenic and odor free.

Size	Qty	Order Number
250 ml. (8.45 fl. oz.)	1 tube 12 or more*	202153-000

*Orders that include quantities of 12 or more of these items are subject to additional shipping and handling charges.



NuPrep™

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

Size	Qty	Order Number
114 ml. (4 fl. oz.)	1 pkg (3 tubes) 3 or more packs*	202159-200
25 ml. (1 fl. oz.)	6 tube pack	202186-000

*Orders that include quantities of 12 or more of these items are subject to additional shipping and handling charges.



Ten20™ Conductive Paste

Water-soluble, odor-free paste for EP and EEG testing maintains its consistency at warm temperatures.

Size	Qty	Order Number
114 ml. (4 fl. oz.)	1 pkg (3 tubes) 3 or more packs*	202154-200
114 ml. (4 fl. oz.)	3 jar pack 3 or more packs*	202155-200
228 ml. (8 fl. oz.)	3 jar pack 3 or more packs*	202156-200

*Orders that include quantities of 12 or more of these items are subject to additional shipping and handling charges.



EC2™ Conductive Cream

For EEG and EP conductivity, EC2 combines the proper resistive, cohesive and adhesive characteristics necessary for accurate recording. Laboratory controlled physical and chemical properties from manufacture to packaging ensure uniform characteristics and quality. Tube designed for direct application to desired site.

Description	Qty	Order Number
3.5 oz. tube	1	202150-000



Elastomull® Bandage

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

Qty	Order Number	Price
1	202173-000	\$9.50



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" x 5 yds.

Qty	Order Number	Price
1	202172-000	\$2.70



Gauze Sponges

Gauze sponges, 5X5 cm (2x2 in). 200 per package.

Qty	Order Number	Price
1 pkg	202162-000	\$2.70



3M® Transpore Tape

Hypoallergenic 3M Transpore® tape comes in a 9 meter (10 yard) roll and is 2.5 cm (1 in) wide. 12 rolls per box. Also available in a 5 cm (2 in) wide size.

Size	Qty	Order Number	Price
2.5 cm (1 in)	1 box (12 rolls)	202360-000	\$23.00
5 cm (2 in)	1 box (6 rolls)	202361-000	\$26.00



Micropore Tape

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.

Qty	Order Number	Price
1 box (12 rolls)	202363-000	\$10.50



Cover-Roll Stretch Tape

Cover-Roll Stretch is a non-woven cross-elastic bandage that 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.

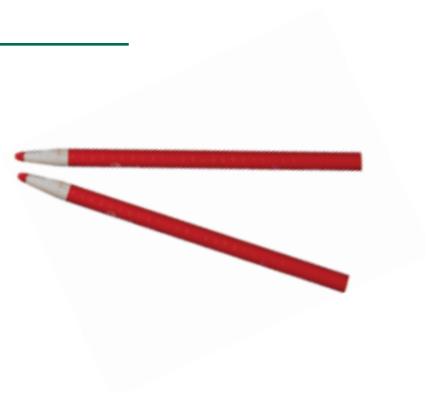
Size	Qty	Order Number
2" x 2 yds	1	202174-000-002
2" x 10 yds	1	202174-000-010



Grease Pencil (China Marker)

Red grease pencils. 12 per box.

Qty	Order Number
1 box	202711-000



Skin Marking Pen

Highly visible, violet-ink pens require only a light touch and provide a bright alternative to grease pencils.

Qty	Order Number
1 pen	202734-000
10 or more	



Syringes and Blunt-Tip Needles

5-cc syringes for gel application. Ten syringes per pack.

Blunt-tip needles are 2.5 cm (1 in) long and 0.15 cm (0.065 in) in diameter. Twenty needles per package.

Qty	Order Number
Syringe	
1 pk	202166-000-PK20
Blunt-tip needles	
1 pk	202167-200



Cotton Swabs

Non-sterile cotton tipped applicator swabs are 15 cm (6 in) long. 1000 per box.

Qty	Order Number
1 box	202163-000



Alcohol Pads

Ready-to-use prep pads are saturated with 70% isopropyl alcohol. 200 per box.

Qty	Order Number
1 box	202165-000



Measuring Tape

Everybody likes this 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. Colors may vary.

Qty	Order Number
1	202161-000



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.

Size	Qty	Style	Order Number
Small	1 box	Universal 3G	202750-000
Medium	1 box	Universal 3G	202751-000
Large	1 box	Universal 3G	202752-000
Small	1 box	Aloetouch® 3G	202753-000
Medium	1 box	Aloetouch® 3G	202754-000
Large	1 box	Aloetouch® 3G	202755-000



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.

Container	Capacity	Qty	Order Number
0.95 L (1 qt)	20 syringes	1	202052-000
3.8 L (1 gal)	180 syringes	1	202059-000



Envirocide™ Electrode Cleaner

Safely and effectively disinfects and cleans all reusable surface electrodes. Ideal for Bars, Rings, Ground Plates and EEG electrodes. See electrode care section for cleaning information.

Size	Qty	Order Number
8 oz.	1	202168-000
1 gallon*	1	202195-000

*Additional shipping and handling charges may apply based on quantity and weight of order.



Electrode Lead Wire Stockinettes

Woven stockinettes capture and contain electrode lead wires to prevent entanglement.

Description	Qty	Order Number
Stockinette, small size 4	1	202169-000
Stockinette, medium size 5	1	202170-000
Stockinette, large size 6	1	202171-000



Video Accessories

Video Accessories

Contact Cadwell to discuss your specific hardware configuration at (800) 245-3001.



Sony IPELA Camera



BNC to RCA adaptor

Item	Description	Qty	Order Number
Video converter		1	290157-000
BNC to RCA adapter		1	277024-000
Sony camera kit	Pan/tilt/zoom, IR/IP, software controlled	1	197256-200
Sony camera kit	For wall or ceiling mount	1	197257-200
Sony camera kit	For mounting on trolley cart	1	197255-200
Microsoft® LifeCam Cinema™	True 720p HD, 16:9 widescreen video capture	1	198222-000



Microsoft® LifeCam Cinema™

Infrared Illuminator

Wide angle LED. Auto on/off feature. Small inconspicuous profile.

Description	Qty	Order Number
Infrared illuminator (7' (2m) cable)	1	197213-200-007
Infrared illuminator (20' (6m) cable)	1	197213-200-020



Headphones, Lightweight & Shielded

Acoustically shielded, TDH-39, 10-ohm speakers with adjustable headband. Lightweight headphones not acoustically shielded. Recommended for pediatrics and when acoustic shielding is not required.



Sennheiser HDA 280



Shielded Headphones

Item	Description	Qty	Order Number
Acoustically shielded headphones			
10-ohm	Sierra Wave, Sierra II, Cascade	1	199219-200
10-ohm	Sierra series, Central series, 6200A™	1	199099-200
Lightweight headphones			
10-ohm	Sierra Wave, Sierra II, Cascade	1	199220-200
10-ohm	Sierra series, Central series, 6200A™	1	199047-200
37-ohm Sennheiser HDA 280	Sierra Summit	1	199268-200



Lightweight Headphones

Auditory Bone Vibrator Transducer

For use with auditory EP testing. Bone vibrator transducer with impedance matching adaptor box.

Item	Description	Qty	Order Number
FA Bone Vibrator Transducer, 10-ohm, lemo-style	Sierra Summit	1	199276-200
FA Bone Vibrator Transducer 10-ohm, 15 pin	Sierra Wave, Sierra II, Cascade	1	199224-200



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. Each kit includes 2 speakers and 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, and 4 jumbo). See table below for cable information for the specific instrument you have. Additional impedance adapters, connectors, and ear tips available below.



Description		Qty	Order Number
10-ohm kit (without cable)	Choose cable below	1	359020-000
Replacement 15-pin cable	Sierra Wave, Sierra II, Cascade	1	355323-200
Replacement 15-pin QuickConnect cable	Cascade Elite	1	355322-200
Replacement lemo-style cable	Sierra Summit	1	199275-200
Replacement tubing (1 red, 1 blue)	All kits	1	202698-000
Extender cable 25'	Cascade	1	355295-200
Extender cable 25'	Cascade Elite/Pro	1	355339-200

Foam Ear Tips and Connectors

Connectors (white nubbies) are used to connect foam ear tips to the earphone tubing.

Description	Size	Qty	Order Number
Foam ear tips	Pediatric	50/pk	202692-000
	Adult	50/pk	202710-000
	Jumbo	24/pk	202693-000
Connectors (white nubbies)		10/pk	202691-000



Neonate/Pediatric Ear Tips and Impedance Adaptors

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

Description	Size	Qty	Order Number
Neonate and pediatric ear tips (mushrooms)	4mm (.16in)	20/pk	202742-200
	5mm (.20in)	20/pk	202743-200
	6mm (.24in)	20/pk	202744-200
Impedance adaptors (dominos)		5/pk	202690-000

Gold Foil Ear Tips and Tubing with Recording Lead Wire

Gold foil ear tips require the earphone tubing with recording lead wire.

Description	Size	Qty	Order Number
Gold foil ear tips	Pediatric	20/pk	202695-000
	Adult	20/pk	202689-000
Tubing with recording lead wire		1 pr/pk	202688-000



Right Angle Insert Earphone Supplies

The threaded right angle adaptor and threaded foam tips are a convenient and quick way to change out the foam eartips when working with multiple patients.

Replacement cables, tubing and ear tips sold separately for each Cadwell instrument.

Note: If using the replacement tubing (202698-000), first remove the existing straight adaptors from the tubes and insert the right angle threaded adaptors.

Description	Qty	Order Number
Right angle threaded adapter	1 pk (10)	202681-200
Foam ear tips slim 0	1 pk (12)	202682-000
Foam ear tips standard 0	1 pk (12)	202683-000
Replacement tubing (1 red, 1 blue)	1 pair	202698-000



VEP Pattern Generators

19" LCD Monitor/TV for Sierra Wave and Sierra Summit. Displays reversing black-and-white checkerboard pattern for full, half, and quarter-field testing. Fixation point and check sizes are controlled by software.

Instrument	Qty	Order Number
19" ViewSonic	1	291231-000
VEP monitor cables		
Sierra Wave, Sierra II Wedge, Cascade	1	199221-200
Cascade Elite	1	199254-200
Sierra Series, Central Series, 6200A	1	199127-200
BNC to RCA Adapter	1	277072-000
VEP monitor cables - Sierra Summit		
HDMI cable (use with laptop), 10 ft.	1	286094-000
DVI-to-HDMI cable (use with desktop PC), 15 ft.	1	286089-000
SVGA cable (use with all-in-one PC), 10 ft.	1	286095-000
Display port-to-VGA adapter (use with all-in-one PC)	1	290153-000
VEP Calibration Sensor (Sierra Summit)	1	190283-200
VEP Calibration Sensor Cable	1	286096-000



P/N #291231-000



P/N #190283-200

LED Goggles

Flash pattern stimulus selectable for right, left or both eyes.

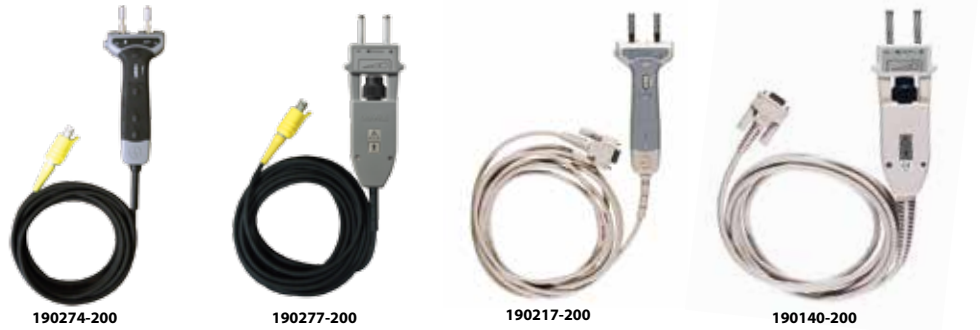
Instrument	Qty	Order Number
Sierra Wave, Sierra II, Cascade	1	199246-200
Cascade Elite	1	199253-200



Electrical Stimulators & Probes

Electrical Stimulators

Handheld electrical stimulators with user-selectable output and removable stainless steel probes. **Includes 90 day warranty from date of purchase.**



Instrument	Description	Output Range	Qty	Order Number
Sierra Summit StimTroller Plus™	Constant current	0 to 100 mA	1	190274-200
Sierra Ascent	Constant current	0 to 100 mA	1	190277-200
Sierra Wave StimTroller™	Constant current	0 to 100 mA	1	190217-200
Sierra Wave StimTroller™ w/ small tips	Constant current	0 to 100 mA	1	190217-210
Sierra II, Sierra series, Central series, 6200A	Constant current	0 to 100 mA	1	190140-200

Replacement Stimulator Probes

See letter corresponding to instrument to determine correct item. Touchproof connectors. Old-style electrical stimulators can accept touchproof connectors with electrical stimulator adapters.

Description	Instrument	Qty	Order Number
Straight with touchproof connectors and round head; large diameter (.250 in, 6.35 mm) (a)	Sierra Summit, Wave	1	339073-200
Straight with touchproof connectors and round head, small diameter (.187 in, 4.75 mm) (b)	Sierra Summit, Wave	1	339080-200
Straight with pointed tip (c)	Sierra Summit, Wave	1	339078-200
Felt Pad tip (d)	Sierra Summit, Wave	1	339079-200
Replacement felt Pad tips*	Sierra Summit, Wave	1 pk (12)	302703-200
Straight with touchproof connectors (e)	Ascent, Sierra II, Sierra series, Central series, Excel Plus, 6200A	1	360039-200
Curved with clip and touchproof connectors (f)	Sierra II, Sierra series, Central series, Excel Plus, 6200A	1 pr	302765-200

*See care instruction for preparation information.



Stim Probe Extension

Hand-held stimulus probe extension cable. This extension cable comes with two stainless steel stimulus probes and has three cathode (black) and two anode (red) outputs. Ideal for standard nerve conduction or Blink-reflex studies on adult or pediatric patients. Probe tip spacing is adjustable at 2.5, 1.9, 1.3, and 0.6 cm. Extra cathode and anode connections allow bar or ring electrode to be connected without having to remove the probes. The cable is 32" inches in length and terminates in two color coded 1.5 mm safety touch proof connectors.

Qty	Description	Order Number
1	3 black outputs, 2 red outputs. Stimulus spacing: 2.5 cm, 1.9 cm, 1.3 cm, 0.6 cm.	302151-200



Footswitch

Can be set to store waveforms or stimulate.

Instrument	Qty	Order Number
Sierra Summit, Sierra Ascent	1	190286-200
Sierra Wave, Sierra II, Central II	1	190218-200



Tendon Hammer

Used for mechanical triggering in reflex studies. Cable terminates in 3.5 mm stereo plug. For use with Sierra Summit and Sierra Ascent.

Instrument	Qty	Order Number
Sierra Summit, Sierra Ascent	1	190282-200



Trigger Cable

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

Instrument	Qty	Order Number
Sierra Summit, Sierra Ascent	1	286093-000



Instrument Carts, Cases, Accessories

Instrument Carts

Wide Trolley Carts feature a foam handle for easy maneuvering, heavy duty shelves and large locking wheels. **Comes with drawer, mouse pad holder and your choice of articulated or flexible gooseneck arm.** Dimensions: 38"H x 29"D x 30.00"W (96cm H x 74cm D x 76cm W). Comes with bracket to mount LCD monitor to. For use with any Cadwell system. Pre-assembled for U.S. shipments.

Narrow Trolley Carts feature a foam handle for easy maneuvering, durable heavy duty shelves and large locking wheels. **Comes with your choice of an articulated or flexible gooseneck arm, and either a keyboard/mouse pad tray or storage drawer and mouse pad tray.** Dimensions: 38"H x 29"D x 24"W (96cm H x 74cm D x 61cm W). Comes with bracket to mount LCD monitor to. For use with any Cadwell system. Pre-assembled for U.S. shipments.

Point of Care Carts are designed for portable systems with laptop computer such as Sierra Summit, Wave or Cascade. Includes mounting bracket for amp arm and handheld stimulator holder. Top shelf height is adjustable via hydraulic lever for use while standing or sitting. Includes adjustable bin and printer shelf. **Dimensions:** 30.5"-40.5" (77cm-103cm) adj H x 25" (64cm) W top shelf is 24" (61cm) W x 25" (63.5cm) D. Assembly required for all shipments.

Pole Carts are ideally suited for environments such as the ICU or ER where footprint size is of concern. The pole cart can be configured with an all-in-one touch panel PC, or separate PC and monitor components. **Comes with large bracket to install a Cadwell isolation transformer and PC power supply or tower desktop PC, utility basket, Easy III EEG Amplifier bracket, Easy III Power/Com module bracket.** Dimensions: 26"W x 26"D x 45"-56" adj. H (66cm x 66cm x 114-142cm). Optional items include a small bracket to mount a small desktop PC and additional utility basket. Assembly required for all shipments.

Options



Wide Trolley Cart
P/N # 197225-200



**Narrow Trolley Cart with
keyboard/mouse pad tray**
P/N # 197224-200



Point of Care Cart
P/N # 197194-200



Pole Cart
P/N # 9800029



Tri-Pod Stand
P/N # 198219-200

Item	Qty	Order Number
Wide trolley (arm of choice included)	1	197225-200
Narrow trolley (arm of choice included)	1	197224-200
Point of care cart (arm not included)	1	197194-200
Pole Cart	1	9800029
Tri-Pod Stand	1	198219-200

Instrument Carts, Cases, Accessories

Cart Options

Item	Qty	Order Number
Wide or Narrow Trolley Carts		
Cart accessory bag	1	198187-000
Handheld stimulator holder	1	111120-000
Mouse pad tray	1	111121-000
Cascade Elite mounting bar, wide trolley	1	190239-253
Camera adjustable pole	1	9720111
Grounding wire for Summit/Ascent	1	199154-200
Narrow Trolley Only		
Keyboard tray/mouse pad tray	1	111124-000
Narrow trolley storage bin	1	111122-000
Narrow trolley storage drawer	1	111123-000
Point of Care Cart		
Additional storage bin	1	111119-000
Mouse pad tray	1	111121-000
Pullout keyboard tray	1	111137-000
Footswitch holder	1	111134-000
Miscellaneous Instrument Accessories		
Mobile floor stand (adjustable)	1	198171-000
Mobile floor stand (non adjustable)	1	198186-000



**Mobile floor stand
(non adjustable shown)
Can be used with any system.**

Cart arms & Brackets

For use with any cart system from Cadwell. Arm includes appropriate bracket for Cadwell amplifiers or photic stimulator and velcro cord wrap straps.



Item	Qty	Order Number
Sierra Summit/Ascent 2 ch. amp, stim and needle holder articulated arm	1	197247-200
Sierra Summit 6/12 ch. amp, stim and needle holder articulated arm	1	197251-200
Cascade amp articulated arm	1	197172-200
Easy II amp articulated arm	1	197173-200
Easy III amp articulated arm	1	190224-252
Sierra II amp articulated arm	1	197174-200
Sierra Wave amp/stim articulated arm	1	197244-200
Easy II photic stim articulated arm	1	197175-200
Easy III photic stim articulated arm	1	190228-251
Easy II flexible arm	1	197193-200
Sierra II flexible arm	1	197195-200
Bullet camera flexible arm	1	197214-200
Easy III amplifier wall mounting bracket	1	334760-000
C-clamp	1	197237-200
Grounding wire for articulated arm	1	199271-200



**Sierra Summit/Ascent
articulated arm**



C-clamp



Easy III amplifier wall mounting bracket

Carrying Cases

Carrying cases for Cadwell instruments, laptop computers and other accessories.



Cascade Elite case. Dimensions:
22" L x 15" W x 9" D
56cm L x 38cm W x 23cm D
(P/N # 198200-000)



Soft-sided carrying case. Dimensions:
22" L x 15" W x 9" D
56cm L x 38cm W x 23cm D
(P/N # 198203-000)



Soft-sided carrying case with wheels and pull-up handle. Dimensions:
22" L x 15" W x 9" D
56cm L x 38cm W x 23cm D
(P/N # 198204-000)

Item	Description	Qty	Order Number
Cascade Elite case	Carry-on style soft case with pull-up handle and wheels. Removable internal compartments for added flexibility	1	198200-000
Sierra Summit, Ascent, Wave, Cascade Pro, Cascade case	Carry-on style soft case has internal storage compartment	1	198203-000
Sierra Summit, Ascent, Wave, Cascade Pro, Cascade case	Carry-on style soft case with pull-up handle and wheels has internal storage compartment	1	198204-000
Laptop computer case	Briefcase style soft case for separate storage of laptop computer	1	198201-000
Accessories and cables case	Duffle style bag for accessories and cables	1	198202-000

Isolation Transformers

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.



Medical Grade Power Strip
(P/N # 291228-000)



800VA Transformer
(P/N # 9010001)

Item	Qty	Order Number
Cadwell 800VA 120V/240V switchable 6 plug Isolation Transformer (includes cables)	1	9010001
Medical Grade Power Strip	1	291228-000
Point of Care Cart Bracket Mount (for medical grade power strip)	2	334796-000
Power supply cord, 3'3"	1	286034-000
Power supply cord, 7'6"	1	286035-000
Power Cord, 3 Conductor Hospital Grade	1	286002-000
Adapter, Power IEC 320 to NEMA, 8"	1	286078-000-008
Adapter, Power IEC 320 to NEMA, 36"	1	286078-000-036

Data Storage



2GB compact flash drive for Easy Ambulatory



4GB Compact flash drive for Easy Ambulatory



Recordable CD-R



Recordable DVD+R





Description	Qty	Order Number
2GB compact flash drive for Easy Ambulatory	1	290142-000
4GB compact flash drive for Easy Ambulatory	1	290144-000
700MB recordable CD-R	1 10 or more	090073-000
DVD+R 16X 4.7GB recordable	1 10 or more	090079-000

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:

Symbol	Description
	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.

Symbol	Description
	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 (250°F) and 103kPa (15 psi) 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.

Symbol	Description
	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®, Metricide®, or Resert™)
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. Envirocide®, MetriGuard®, or Cavi Wipes™)
4. Follow product specific disinfectant instructions found on disinfectant labels.
5. 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:

Symbol	Description
	Non-sterile felt pads
	Do not reuse

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

Ordering Information

Our Guarantee

Your complete satisfaction is guaranteed. We're confident that you'll enjoy the convenience and quality of Cadwell Safe Electrodes and Accessories. If for any reason you are not completely satisfied, return the product within 30 days in re-sellable condition for a refund of the purchase price.

*Some restrictions apply.

Five Ways to Order

1. Order online at www.estore.cadwell.com (see inside back cover)
2. Email us at electrodes@cadwell.com
3. FAX order form to 509-783-6503 any time
4. Call us at 800-245-3001 or 509-735-6481. Use the enclosed order form to organize your order before calling. Our friendly representatives are ready to assist you, Monday through Friday, 6:30 a.m. to 5 p.m., PST.
5. Mail the order form to Cadwell Laboratories, Inc. Safe Electrodes Department, 909 North Kellogg Street, Kennewick, WA 99336

Order Processing and Shipping. Orders are normally shipped within two business days. Items not in stock may take longer. To check the status of your order, call 800-245-3001, and ask for an electrode customer service representative. To expedite your order, use Cadwell's special rush service to have your order shipped overnight. (Must be called in before 1:30 PST)

The following shipping rates are applicable in the continental United States:

*Standard Shipping Charges for Electrodes.

Ground Service.....\$11.00
Three-Day Service\$19.00
Service not available to Alaska, Hawaii,
Canada or Puerto Rico

*Second-Day Service.....\$24.00
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PHONE	()	FAX	()		
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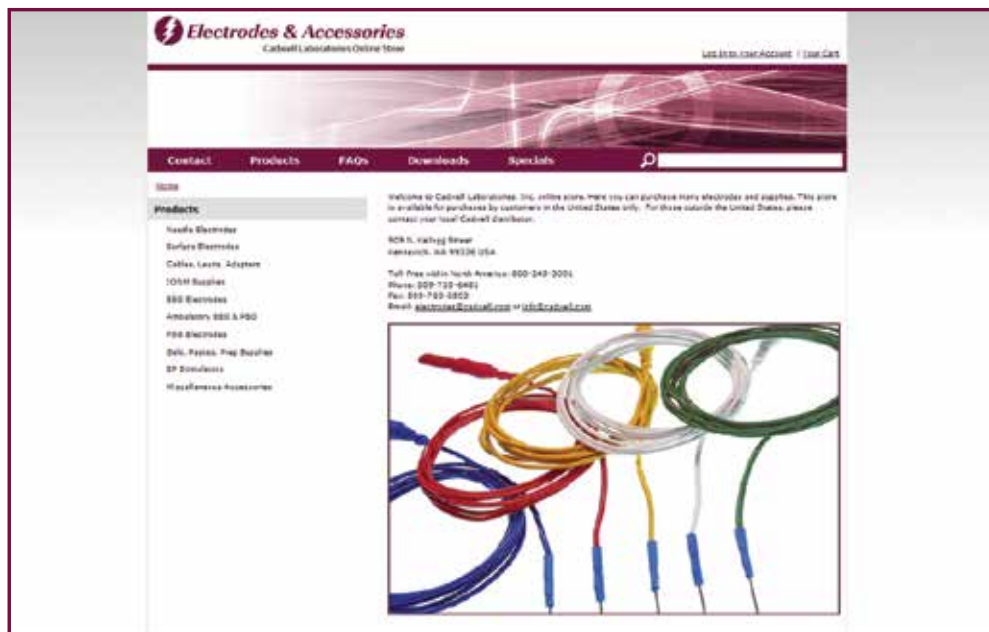
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