



Neurodiagnostic Supplies

EMG, EP, EEG, IOM, Sleep & Application Products

2018-2019 Global Catalog



Solutions that span the spectrum of neuro care

Natus Neuro is a global market leader that spans the spectrum of Neuro care. We bring together technology from the trusted brands of Dantec, Embla, Grass, Nicolet, Schwarzer, TECA, Xltek, Integra and Codman to provide leading-edge equipment, support, integrated connectivity and supply solutions. Our comprehensive Neurodiagnostic solutions enhance the diagnosis of various neurological conditions such as epilepsy, sleep disorders and neuromuscular diseases. Neurosurgery and Neurocritical Care solutions limit uncertainty with shunts, intracranial pressure monitoring and advanced CSF ventricular drainage systems. Natus Neuro helps improve patient care in the markets of EMG, NCS, EP, EEG, LTM, ICU, Neurocritical Care, IOM, Sleep, TCD, Neurosurgery and Neurodiagnostic Supplies.

Natus Medical Incorporated is a leading provider of healthcare products and services used to improve patient care. Our systems, software, supplies and services provide solutions for the screening, detection, treatment, monitoring and tracking of common medical ailments in newborn care, neuro care and audiology. Natus products are used in hospitals, clinics, and laboratories worldwide. Natus common stock is sold on the NASDAQ Exchange using the symbol BABY.

Visit www.natus.com for additional information.

ORDERING INFORMATION

US & Canada Ordering Information

US and Canadian Customers call Customer Service at 1-800-356-0007.

Email: supplies.nc@natus.com

Order Entry Fax: 608.829.8709

Toll Free: 800.356.0007

Our Customer Service Department is here to answer questions and take your orders Monday through Friday from 8 am to 5 pm CST. We can be reached toll-free at 1-800-356-0007 or 608-829-8500.

Place your order by fax, email or online via the Natus Neuro Store (US customers only). Please include your phone number on the order so we may contact you if there are questions concerning your order. Fax or e-mail orders may be placed 24 hours a day.

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New Products

We are always looking to expand our product line. If there are supplies you use, but don't find in our catalog, please let us know and we will attempt to provide them. Our goal is to become your primary source for quality electrodes and supplies. Thank you for ordering from Natus Neuro.

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- Respond knowledgeably to your EMG, EEG, EP, IOM and PSG supply questions
- Research your product requirement and provide custom proposals
- Provide a convenient, one-stop shopping experience

International Orders: Contact Local Distributor

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Natus EMG Supplies

EMG Needle Electrodes • Stimulating & Recording Electrodes
Adhesive Electrodes • Ancillary EMG Items
Multi-Media Training Material

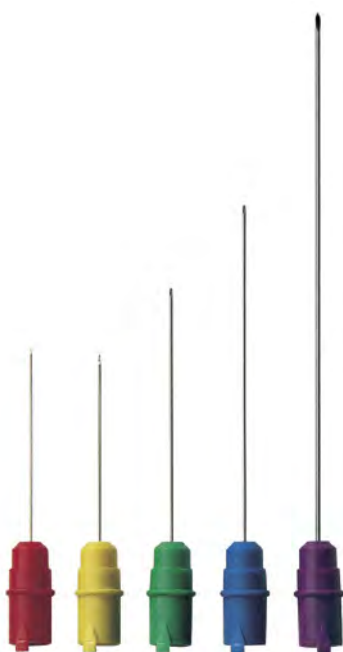
EMG NEEDLE ELECTRODES

Concentric Needle Electrodes

TECA® Elite Disposable Concentric Needle Electrodes

- Coated stainless steel cannula with optimal sharpness increases ease of insertion and enhances patient comfort
- Precision-centered tungsten core assures reliable and accurate signal detection
- Low-friction coating facilitates ease of repositioning
- Color-coded hub provides a firm grip, orientation-free connection and recording area direction indicator
- Low impedance levels for accurate recordings
- Pre-sterilized

Part Number	Length	Needle Diameter	Recording Area (mm ²)	Hub Color	Quantity
S53153	1" (25mm)	0.30mm (30G)	0.03	Red	1/pouch - 25/box
S53155	1" (25mm)	0.46mm (26G)	0.07	Yellow	1/pouch - 25/box
S53156	1.5" (37mm)	0.46mm (26G)	0.07	Green	1/pouch - 25/box
S53158	2" (50mm)	0.46mm (26G)	0.07	Blue	1/pouch - 25/box
S53159	3" (75mm)	0.64mm (23G)	0.07	Violet	1/pouch - 25/box



Needle Holder (Cable)

Orientation-free hub to connect the TECA Elite Disposable Concentric Needle: Shielded 36" (1m) cable, terminating in a 5-pin 240° DIN plug. Plugs into most EMG instruments.

Part Number	Length	Electrode End	Instrument End
X21001	36" (0.9m)	pogo pin	5-pin 240° DIN



DID YOU KNOW?

The first acknowledged experimentation with EMG dates from 1666 with Francesco Redi; however, it was not until 1960 that EMG began to be used clinically

EMG NEEDLE ELECTRODES

Concentric Needle Electrodes

Dantec® DCN Disposable Concentric Needle Electrodes

- Silicone coating and ultra-sharp, 3-bevel tip design increase patient comfort by reducing friction and insertion force
- Stainless steel cannula provides strength for efficient penetration and flexibility for precise adjustments
- Each needle has an ergonomically designed, color-coded hub with a recording area direction indicator
- Precisely centered, insulated tungsten core provides accurate signal detection
- Rigorous quality control assures consistent sharpness and high concentricity for clinical reliability
- Low impedance levels for accurate recordings
- Pre-sterilized

Part Number	Length	Needle Diameter	Recording Area (mm ²)	Hub Color	Quantity
9013S0012	1" (25mm)	0.30mm (30G)	0.02	Orange	1/pouch - 25/box
9013S0022	1" (25mm)	0.46mm (26G)	0.07	Green	1/pouch - 25/box
9013S0032	1.5" (37mm)	0.46mm (26G)	0.07	Blue	1/pouch - 25/box
9013S0042	2" (50mm)	0.46mm (26G)	0.07	Red	1/pouch - 25/box
9013S0052	3" (75mm)	0.64mm (23G)	0.07	Yellow	1/pouch - 25/box



Needle Holder (Cable)

Shielded Cable for Dantec DCN Electrodes. Cable fits most EMG instruments.

Part Number	Length	Electrode End	Instrument End
9013C0014	59" (1.5m)	pogo pin	5-pin DIN

Natus® Reusable Concentric Needle Electrodes*

- Platinum-iridium electrode core wire located in a stainless steel cannula
- Non-Sterile, autoclavable
- Requires Natus Needle Holder (Cable) 085-444700 on page 8

Part Number	Length	Needle Diameter	Recording Area (mm ²)	Hub Color	Quantity
019-426200	1" (25mm)	0.30mm (30G)	0.021	Red	1/pkg
019-426500	2.4" (60mm)	0.64mm (23G)	0.068	Pink	1/pkg

*Not for sale in Canada



EMG NEEDLE ELECTRODES

Monopolar Needle Electrodes

TECA® Elite Disposable Monopolar Needle Electrodes

TECA Elite Disposable Monopolar needle electrodes meet today's demands for clinical efficiency and patient comfort

- Coated stainless steel needle with ultra-sharp tip increases ease of insertion and enhances patient comfort
- Low-friction coating facilitates ease of repositioning
- Color-coded by needle size for easy identification
- Consistently low impedance levels for accurate recordings
- Reusable, flexible lead cable (902-RLC-TP) included with each box
- Pre-sterilized

Part Number	Length	Needle Diameter	Hub Color	Recording Area (mm ²)	Quantity
902-DMF25-S	1" (25mm)	0.36mm (28G)	Red	0.28	1/pouch - 48/box
902-DMG25-S	1" (25mm)	0.46mm (26G)	Yellow	0.34	1/pouch - 48/box
902-DMF37-S	1.5" (37mm)	0.36mm (28G)	Orange	0.28	1/pouch - 48/box
902-DMG37-S	1.5" (37mm)	0.46mm (26G)	Green	0.34	1/pouch - 48/box
902-DMG50-S	2" (50mm)	0.46mm (26G)	Blue	0.34	1/pouch - 48/box
902-DMG75-S	3" (75mm)	0.46mm (26G)	Violet	0.34	1/pouch - 24/box



TECA® Disposable Monopolar Needle Electrodes

TECA Disposable Monopolar needle electrodes provide both clinical efficiency and patient comfort

- Stainless steel needle, manufactured with a conical tip ground to a consistently sharp point
- Color-coded by needle size for easy identification
- Consistently low impedance levels for accurate recordings
- Reusable, flexible lead cable (902-RLC-TP) included with each box
- Coated with a low friction insulator for easy insertion
- Pre-sterilized

Part Number	Length	Needle Diameter	Hub Color	Recording Area (mm ²)	Quantity
902-DMF25-TP	1" (25mm)	0.36mm (28G)	Red	0.28	1/pouch - 48/box
902-DMG25-TP	1" (25mm)	0.46mm (26G)	Yellow	0.34	1/pouch - 48/box
902-DMF37-TP	1.5" (37mm)	0.36mm (28G)	Orange	0.28	1/pouch - 48/box
902-DMG37-TP	1.5" (37mm)	0.46mm (26G)	Green	0.34	1/pouch - 48/box
902-DMG50-TP	2" (50mm)	0.46mm (26G)	Blue	0.34	1/pouch - 48/box
902-DMG75-TP	3" (75mm)	0.46mm (26G)	Violet	0.34	1/pouch - 24/box



Reusable Lead Cable

- Included with TECA Disposable Monopolar needles electrodes
- See Ancillary EMG Items starting on Page 22 for additional cables

Part Number	Length	Description	Electrode End	Cable End	Quantity
902-RLC-TP	24" (61cm)	Unshielded Cable	DMN connector	1.5mm touchproof	6/pkg

EMG NEEDLE ELECTRODES

Monopolar Needle Electrodes

Disposable Monopolar Needle Electrodes with Lead Wire Attached

- Stainless steel needle with consistently sharp tip and Teflon®-coating for easy insertion
- 24" (61cm) super-flexible PVC insulated lead wire attached to needle; terminates in a 1.5mm touchproof connector
- Color-coded caps for ease of size identification
- Convenience of all-in-one disposable needle, cap, and lead wire
- Pre-sterilized

Part Number	Length	Needle Diameter	Cap Color	Quantity
101192	1.75" (44mm)	0.36mm (27G)	Purple	1/pouch - 50/box
101194	3" (75mm)	0.45mm (25G)	Gray	1/pouch - 25/box



Disposable Monopolar Needle Electrodes with Lead Wire Attached

- Stainless steel needle with consistently sharp tip and Teflon-coating for easy insertion
- 29" (74cm) super-flexible PVC insulated lead wire attached to needle; terminates in a 1.5mm touchproof connector
- Color-coded lead wires for ease of size identification
- Convenience of all-in-one disposable needle and lead wire
- Pre-sterilized

Part Number	Length	Needle Diameter	Lead Wire Color	Quantity
019-474800	0.8" (20mm)	0.32mm (28G)	Red	1/pouch - 24/box
019-474900	1" (25mm)	0.35mm (27G)	Yellow	1/pouch - 24/box
019-475000	1.5" (37mm)	0.35mm (27G)	Green	1/pouch - 24/box
019-475100	1.5" (37mm)	0.40mm (26G)	White	1/pouch - 24/box
019-475200	2" (50mm)	0.40mm (26G)	Blue	1/pouch - 24/box



DID YOU KNOW?

There are 100,000 miles of blood vessels in the brain

EMG NEEDLE ELECTRODES

Injectable Needle Electrodes

TECA® MyoJect Disposable Luer Lock Needle Electrodes

For therapy and nerve block procedures

- Records EMG activity while allowing injection of medication
- Stainless steel hypodermic needle, ground to a consistently sharp point
- Coated with a low friction insulator for ease of insertion
- Connects with both Luer Lock and Slip Fit syringes
- Color-coded lead for easy identification
- Cable length 30" (76cm), terminating in 1.5mm female touchproof connector
- Pre-sterilized



Part Number	Needle Length	Needle Diameter	Lead Color	Quantity
MJT-2530-LL	1" (25mm)	0.30mm (30G)	Red	1/pouch - 10/box
MJT-2527-LL	1" (25mm)	0.41mm (27G)	Yellow	1/pouch - 10/box
MJT-3726-LL	1.5" (37mm)	0.46mm (26G)	Green	1/pouch - 10/box
MJT-3727-LL	1.5" (37mm)	0.41mm (27G)	Orange	1/pouch - 10/box
MJT-5025-LL	2" (50mm)	0.51mm (25G)	Blue	1/pouch - 10/box
MJT-7522-LL	3" (75mm)	0.71mm (22G)	Violet	1/pouch - 10/box

Bo-ject® DHN Disposable Hypodermic Needle Electrodes

For therapy and nerve block procedures.

Records EMG activity while allowing injection of medication

- Stainless steel hypodermic needle design with consistent sharpness
- Coated with a low friction insulator for ease of insertion
- Connects with both Luer Lock and Slip Tip syringes
- Color-coded leads for easy identification cable length 35.5" (90cm); terminates in a 1.5mm female touchproof connector
- Pre-sterilized



Part Number	Needle Length	Needle Diameter	Lead Color	Quantity
9013S0422	1" (25mm)	0.30mm (30G)	Tan	1/pouch - 10/box
9013S0432	1" (25mm)	0.41mm (27G)	Pink	1/pouch - 10/box
9013S0442	1.5" (37mm)	0.41mm (27G)	Light Blue	1/pouch - 10/box
9013S0472	1.5" (37mm)	0.46mm (26G)	Brown	1/pouch - 10/box
9013S0452	2" (50mm)	0.51mm (25G)	Grey	1/pouch - 10/box
9013S0462	3" (75mm)	0.71mm (22G)	Light Green	1/pouch - 10/box

EMG NEEDLE ELECTRODES

Injectable Needle Electrodes

Luer Lock Syringes

Our Luer Lock syringes allow the practitioner to "lock" the needle and syringe to reduce risk of seepage and increase safety of use

Part Number	Type	Quantity
019-451400	1ml Syringe	100/box
019-451600	3ml Syringe	100/box
019-479400*	1ml Syringe	60/box

*US & Canada only



Dantec® Clavis™

Handheld device for EMG/ STIM-guided injections

Fast and easy pathway for
injection of medicinal products.

- EMG and STIM functions in one compact device
- Easy to use and operate
- Battery powered
- Perfect match with Bo-ject DHN needle electrodes



Contact your Natus Neuro
sales representative or
distributor for information

EMG NEEDLE ELECTRODES

Single Fiber Needle Electrodes

Natus® Reusable Indicator Single Fiber Needle Electrode

- Platinum recording surface presented through a side port opposite the cutting edge bevel and approximately 5mm from the needle point
- Hub features a raised spline that indicates the orientation of the recording surface; provides both visual and tactile indication of recording surface location
- Hub has a 360° no-orientation coaxial connector to reduce noise; provides optimal EMG recordings

Part Number	Length/Needle Diameter	Quantity
019-425900	1" (25mm) / 0.35mm (27G)	1/pkg

Natus® Needle Holder (Cable)

- Kevlar® cable for Natus Reusable Indicator Single Fiber Needle Electrodes

Part Number	Length	Electrode End	Instrument End	Quantity
085-444700	47" (1.2m)	Gold-plated subminiature	all-plastic DIN	1/pkg

Sensory Needle Electrodes

Dantec® Disposable Sensory Needle Electrodes

- Designed for recording potentials from sensory nerves
- Insulated stainless steel needle with exposed trocar-shaped tip which serves as the recording area
- Pre-sterilized

Part Number	Length	Diameter	Recording Area mm²	Quantity
9013R0243	0.59" (15mm)	0.35mm (28G)	Reference 3.5	25/pkg
9013R0213	0.59" (15mm)	0.70mm (22G)	Reference 8.0	25/pkg
9013R0272	0.79" (20mm)	0.35mm (28G)	Active 2.0	25/pkg
9013R0253	1.18" (30mm)	0.35mm (28G)	Active 2.0	25/pkg
9013R0223	1.18" (30mm)	0.70mm (22G)	Active 5.0	25/pkg
9013R0233	1.97" (50mm)	0.70mm (22G)	Active 5.0	25/pkg

Cables for Dantec® Disposable Sensory Needle Electrodes

Part Number	Description	Length	Electrode End	Instrument End	Quantity
9013C0112	HUSH Shielded Cable	39" (1m)	2 x 0.7mm female touchproof	5-pin DIN	1/pkg
9013C0122	HUSH Shielded Cable	79" (2m)	2 x 0.7mm female touchproof	5-pin DIN	1/pkg
9013C0132	HUSH Shielded Cable	39" (1m)	3 x 0.7mm female touchproof	5-pin DIN	1/pkg
9013C0142	HUSH Shielded Cable	79" (2m)	3 x 0.7mm female touchproof	5-pin DIN	1/pkg
9013C0152	Unshielded Cable	32" (80cm)	0.7mm female touchproof	1.5mm female touchproof	8/pkg
9013C0242	Unshielded Cable	79" (2m)	0.7mm female touchproof	1.5mm female touchproof	8/pkg



STIMULATING & RECORDING ELECTRODES

Bipolar Stimulating Probes

Comfort Probe

- Supplied with adult angled and touchproof probe heads and holder with bracket

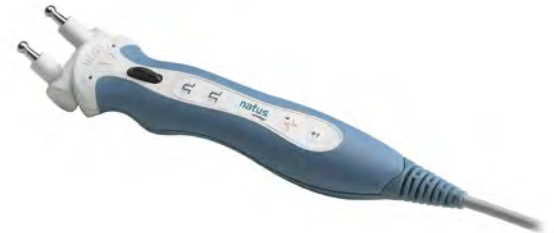
Part Number	Type	Quantity	Compatibility
515-016300	Comfort Probe RS10	1/pkg	Nicolet EMG systems



Comfort Probe Plus

- Controls for stimulus intensity, duration, polarity, move to next trace
- Supplied with adult angled and touchproof probe heads and holder with bracket

Part Number	Type	Quantity	Compatibility
515-018800	Comfort Probe Plus WR50	1/pkg	Nicolet EDX systems



Comfort Probe & Comfort Probe Plus Stimulator Heads

- Supplied with adult angled and touchproof probe heads and holder with bracket

Part Number	Type	Quantity	Compatibility
071-423500	Adult Straight Probe Head	1/pkg	Comfort Probe & Comfort Probe Plus only
071-423600	Adult Angled Probe Head	1/pkg	
071-423700	Pediatric Straight Probe Head	1/pkg	
071-423800	Pediatric Angled Probe Head	1/pkg	
071-500600	Touchproof Probe Head	1/pkg	



Adult Straight Probe Head



Pediatric Straight Probe Head



Touchproof Probe Head



Adult Angled Probe Head



Pediatric Angled Probe Head

Advanced Stimulation Handgrip

Part Number	Length	Instrument End	Quantity	Compatibility
9031E0172	98" (2.5m)	6-pin DIN	1/pkg	Dantec Keypoint Focus & Natus UltraPro S100 systems only



STIMULATING & RECORDING ELECTRODES

Bipolar Stimulating Probes



Nicolet® Bipolar Stimulating Probe

- Controls stimulus level and start/stop control
- Supplied with straight, angled and touchproof tip heads

Part Number	Description	Simulator Connection	Quantity	Compatibility
842-115000	Bipolar Stimulation Probe with three Heads	Back of EMG System	1/pkg	Nicolet VikingQuest & EDX systems
033-406001	Straight Probe Tip Replacement Head	n/a	1/pkg	
033-407100	Angled Probe Tip Replacement Head	n/a	1/pkg	
033-409501	Touchproof Probe Tip Replacement Head	n/a	1/pkg	



033-406001



033-407100



033-409501



Reusable Bipolar Stimulating Probe with Start/Stop Switch

- Supplied with stimulus probe head tip

Part Number	Length	Simulator Connection	Quantity	Compatibility
101963XL	144" (3.7m)	Back of EMG System	1/pkg	Xtek EMG systems only



Small Bipolar Stimulating Electrode

- 12.7mm tip spacing, ideal for pediatric studies and blink reflex testing

Part Number	Length	Quantity	Compatibility
019-403800	39" (1m)	1/pkg	Most EMG systems that accept 1.5mm female touchproof connectors



DID YOU KNOW?

In 1987 TECA® introduced the first disposable concentric needle!

STIMULATING & RECORDING ELECTRODES

Hand-Held Felt Pad Stimulating Electrodes

Hand-Held Felt Pad Stimulating Electrodes

- Replaceable felt pads
- Indicator locates cathode

Part Number	Length	Description	Instrument End	Quantity	Compatibility
9013L0362	79" (2m)	Two 7mm diameter felt tip pads, 23mm apart	5-pin DIN	1/pkg	Dantec Keypoint G4, Keypoint Focus & Natus UltraPro S100 EMG systems. Can also be used with Dantec EDX systems if converter # 085-417401 is added. The converter is on page 23.
9013L3522	See description	Replacement felt tips, 7.5mm length x 7mm diameter	n/a	100/pkg	9013L0362 or other stimulating electrodes that use 7.5mm x 7mm felt tips



9013L0362

Hand-Held Felt Pad Surface Stimulating Electrodes

- Includes four felt pads

Part Number	Length	Description	Instrument End	Quantity	Compatibility
630575*	9.8' (3.0m)	Surface stimulation electrode	1.5mm touchproof connectors	1/pkg	Most EMG systems that accept 1.5mm touchproof connectors
630583NE*	6.6' (2.0m)	Surface stimulation electrode	5-pin DIN connector, 270°	1/pkg	Most EMG systems
630588*	9.9' (3.0m)	Surface stimulation electrode	3-pin DIN connector	1/pkg	Schwarzer topas EMG system

*Not for sale in US & Canada



630575

630588

630583NE

Replacement Felt Pads

Part Number	Length	Diameter	Quantity	Compatibility
517102*	7mm	7mm	10/pkg	Schwarzer stimulating electrodes part numbers 515230, 515232

*Not for sale in US & Canada



Gold Plated Metal Inserts

- For use with Hand-Held Surface Stimulating Electrodes

Part Number	Length	Stimulating Surface	Quantity	Compatibility
630591*	7mm	Concave	2/pkg	Schwarzer stimulating electrodes part numbers 630575, 630588, 630583NE, 892070, N999-212000
630584NE*	7mm	Convex	2/pkg	

*Not for sale in US & Canada



630591

Hand-Held Felt Pad Stimulating Electrode

- Replaceable felt pads
- Supplied with snap-in T-Bar handle
- 30mm spacing between pads; 79" (2m) cable length

Part Number	Description	Instrument End	Quantity	Compatibility
102733	Felt Pad stimulator electrode with T-Bar handle & 10 pack of felt pads	5-pin DIN	1/pkg	Xltek EMG systems only
102227	Felt Pads	n/a	50/pkg	

Note - Before use, felt tips should be soaked briefly in a normal saline solution and then coated with a small amount of electrolyte gel.



STIMULATING & RECORDING ELECTRODES

Bar Electrodes

Bipolar Felt Pad Bar Electrode

- Replaceable felt pads
- Red dot indicator locates anode
- Terminates in two 1.5mm touchproof connectors

Part Number	Type	Length	Quantity	Compatibility
019-401500	Bipolar Felt Pad Electrode	39" (1m)	1/pkg	Most EMG systems
019-406700	Replacement Pads	n/a	10/pkg	

Snap-On T-Bar Handle Electrode

- Compatible with 019-401500, 019-431400, 019-401400, 102733 bar electrodes
- Fits bar electrodes for more flexibility and ease-of-use

Part Number	Type	Quantity
019-421000	T-Bar Handle	1/pkg

EMG Felt Pad Bar Electrodes

- Includes ten felt pads and tightening strap

Part Number	Length	Instrument End	Quantity	Compatibility
630576*	59" (1.5m)	5-pin DIN connector, 240°	1/pkg	Most EMG systems
630571NE*	59" (1.5m)	5-pin DIN connector, 270°	1/pkg	Schwarzer topas EMG

*Not for sale in US & Canada

Note - Before use, felt tips should be soaked briefly in a normal saline solution and then coated with a small amount of electrolyte gel.

HUSH® Bipolar Bar Electrode

- Shielded cable for optimal results
- 10mm discs with 30mm spacing
- Cable withstands >50 lbs. pull test

Part Number	Length	Instrument End	Quantity	Compatibility
9013S0352	39" (1m)	5-pin DIN	1/pkg	Dantec Keypoint G4, Keypoint Focus & Natus UltraPro S100 EMG systems only

Bipolar Bar Electrodes

- 9mm gold plated discs, 30mm spacing
- Coded for polarity

Part Number	Length	Instrument End	Quantity	Compatibility
019-431400	20" (0.5m)	1.5mm touchproof connectors	1/pkg	Most EMG systems
019-401400	39" (1m)	1.5mm touchproof connectors	1/pkg	

Bipolar Bar Electrode

- 10mm stainless steel discs, 30mm spacing

Part Number	Length	Instrument End	Quantity	Compatibility
019-446700	39" (1m)	1.5mm touchproof connectors	1/pkg	Most EMG systems

STIMULATING & RECORDING ELECTRODES

Ground Electrodes

Reusable Ground Strap Electrodes

- Velcro® wraparound ground electrode designed for soaking in saline solution
- Easy to place and comfortable for patient

Part Number	Strap Length	Strap Width	Lead Length	Instrument End	Quantity	Compatibility
9013S0714	4" (10cm)	0.6" (15mm)	59" (1.5m)	1.5mm female touchproof	1/pkg	Most EMG systems
9013S0735	7" (18.5cm)	0.8" (20mm)	59" (1.5m)	1.5mm female touchproof	1/pkg	
9013S0775	18" (45cm)	0.8" (20mm)	59" (1.5m)	1.5mm female touchproof	1/pkg	
9013S0745	30" (75cm)	0.8" (20mm)	59" (1.5m)	1.5mm female touchproof	1/pkg	



Reusable Ground Strap Electrodes

- Velcro® wraparound ground electrode designed for soaking in saline solution
- Easy to place and comfortable for patient
- Terminates in touchproof connectors

Part Number	Description	Strap Width	Lead Length	Instrument End	Quantity	Compatibility
019-405900	Adult 21" (54cm)	0.8" (20mm)	49" (1.25m)	1.5mm female touchproof	1/pkg	Most EMG systems
019-415900	Pediatric 9.5" (24cm)	0.8" (20mm)	49" (1.25m)	1.5mm female touchproof	1/pkg	



Reusable Disc Ground Electrodes

- Long-lasting stainless steel disc

Part Number	Lead Length	Diameter	Instrument End	Quantity	Compatibility
019-401200	30" (0.75m)	30.5mm	1.5mm female touchproof	1/pkg	Most EMG systems
9013L0862	47" (1.2m)	30mm	1.5mm female touchproof	1/pkg	



Disc Stimulating/Recording Electrodes

HUSH® Disc Electrode

- 10mm stainless steel discs
- Shielded cable for optimal results
- Cable withstands >50 lbs. pull test

Part Number	Length	Instrument End	Quantity	Compatibility
9013S0402	39" (1m)	5-pin DIN	1/pkg	Dantec Keypoint G4, Keypoint Focus & Natus UltraPro S100 EMG systems only



Stainless Steel Disc Electrodes

- 10mm stainless steel discs
- One pair PVC coated lead wires, one red and one black, terminating in touchproof connectors

Part Number	Type	Lead Length	Instrument End	Quantity	Compatibility
6030-TP	Twisted Leads	39" (1m)	1.5mm female touchproof	1 pair/pkg	Most EMG systems
6030-3-TP	Separate Leads	39" (1m)	1.5mm female touchproof	1 pair/pkg	



Recording Electrode

- Waffle electrode for recording motor and evoked response potentials

Part Number	Length	Instrument End	Quantity	Compatibility
630506*	47" (1.2m)	5-pin DIN connector	1/pkg	Most EMG systems

*Not for sale in US & Canada



STIMULATING & RECORDING ELECTRODES

Digital Ring Electrodes

Digital Ring Electrodes

- Two spring, stainless steel, adjustable rings

Part Number	Lead Length	Instrument End	Quantity	Compatibility
6032-TP	18" (46cm)	2 x 1.5mm female touchproof	1 pair/pkg	Most EMG systems
5032-TP	36" (1m)	2 x 1.5mm female touchproof	1 pair/pkg	



Digital Ring Electrode

- Shielded cable for optimal results
- Cable withstands >50 lbs. pull test
- Two adjustable rings

Part Number	Length	Instrument End	Quantity	Compatibility
9013S0302	39" (1m)	5-pin DIN	1/ea	Dantec Keypoint G4, Keypoint Focus & Natus UltraPro S100 EMG systems only



Velcro® Reusable Digital Ring Electrodes

- Prior to use, soak electrodes in saline solution

Part Number	Description	Material	Quantity	Compatibility
9013L1702	0.2" (5mm) x 2.5" (65mm)	Velcro Ribbon	1/pkg	Dantec Keypoint G4, Keypoint Focus & Natus UltraPro S100 EMG systems only
9013L0692*	0.2" (5mm) x 2.5" (65mm)	Velcro Ribbon	1/pkg	

*Includes 9013C0112 cable



HUSH® Shielded Electrode Cables for Velcro® Reusable Digital Ring Electrodes (above)

Part Number	Length	Electrode End	Instrument End	Quantity	Compatibility
9013C0112	39" (1m)	2 x 0.7mm female	5-pin DIN	1/ea	Dantec Keypoint G4, Keypoint Focus & Natus UltraPro S100 EMG systems only
9013C0122	79" (2m)	2 x 0.7mm female	5-pin DIN	1/ea	



DID YOU KNOW?

Both humans and long-necked giraffes have seven cervical vertebrae

STIMULATING & RECORDING ELECTRODES

Finger Clip Electrodes

Finger Clip Electrode

- Reusable stainless steel finger clip electrodes
- Easy-to-use spring-action for quick placement

Part Number	Type	Lead Length	Instrument End	Quantity	Compatibility
019-429300	Finger Clip Electrodes with twisted lead wires	24" (60cm)	1.5mm female touchproof	1 pair/pkg	Most EMG systems



St. Mark's Pudendal NCS Electrode

St. Mark's Disposable Pudendal NCS Electrode

- Diagnostic tool for evaluation of patients with pelvic floor disorders
- Combined stimulation and recording electrode used with EMG systems for determination of pudendal nerve conduction by sphincter and motor latency
- Electrode has adhesive tabs for mounting onto examining glove

Part Number	Length	Recording Area	Description	Quantity	Compatibility
9013L4402	12" (30cm)	12mm ²	Not sterilized	20/pkg	Most EMG systems



Cable for St. Mark's Disposable Pudendal NCS Electrode

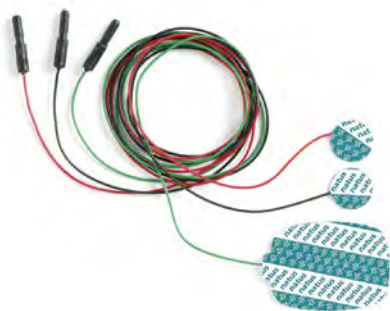
- Cable terminates in two 5-pin DIN plugs: one for EMG preamp, one for stimulator

Part Number	Length	Electrode End	Instrument End	Quantity	Compatibility
9013L0322	79" (2m)	Flat Flex	2 x 5-pin DIN	1/ea	Most EMG systems



ADHESIVE ELECTRODES

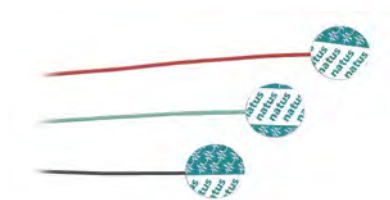
Adhesive Electrodes with Lead Wires Attached



Disposable NCV Kit with Leads

- Color-coded (red, green, black) attached lead wires terminate in 1.5mm touchproof connectors
- Two pre-gelled 20mm Ag/AgCl disc electrodes and one ground plate electrode per pouch
- Ideal for nerve conduction studies

Part Number	Type	Lead Length	Quantity	Compatibility
019-415200	NCV Test Kit	39" (1m)	24 kits/pkg	Most EMG systems



Disposable 3-Disc Electrode Set with Leads

- Color-coded (red, green, black) attached lead wires terminate in 1.5mm touchproof connectors
- Three pre-gelled 20mm Ag/AgCl disc electrodes per set
- Ideal for AEP and nerve conduction studies

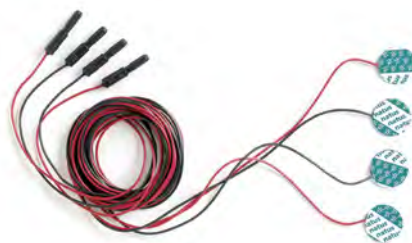
Part Number	Type	Lead Length	Quantity	Compatibility
019-439400	Disc	20" (0.5m)	24 sets/pkg	Most EMG systems
019-414200	Disc	39" (1m)	24 sets/pkg	



Disposable Tab Electrodes with Leads

- Color-coded (red, black) attached lead wires terminate in 1.5mm touchproof connectors
- Two pre-gelled Ag/AgCl tab electrodes per pouch; contact area 20mm x 25mm
- Ideal for SEP, AEP and IOM studies

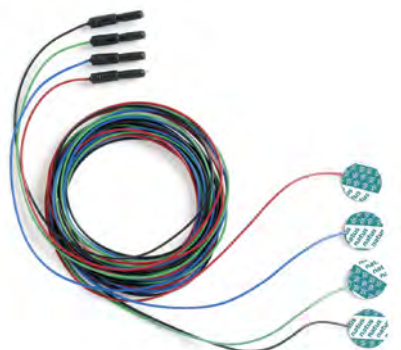
Part Number	Type	Lead Length	Quantity	Compatibility
019-406600	Tab	39" (1m)	24 pair/pkg	Most EMG systems



Disposable 2x2 Set with Leads

- Color-coded (two red, two black) attached lead wires terminate in 1.5mm touchproof connectors
- Four pre-gelled 20mm Ag/AgCl disc electrodes per pouch
- Ideal for IOM applications

Part Number	Type	Lead Length	Quantity	Compatibility
019-415000	Disc	59" (1.5m)	24 sets/pkg	Most EMG systems
019-420800	Disc	118" (3m)	24 sets/pkg	



Disposable 4-Disc Electrode Set with Leads

- Color-coded (red, blue, green, black) attached lead wires terminate in 1.5mm touchproof connectors
- Four pre-gelled 20mm Ag/AgCl disc electrodes per pouch
- Ideal for PSG, NCS, SEP, AEP, EMG, ENG and IOM studies

Part Number	Type	Lead Length	Quantity	Compatibility
019-400400	Disc	39" (1m)	15 sets/pkg	Most EMG systems
019-409000	Disc	79" (2m)	15 sets/pkg	



Value Line Disposable 4-Disc Electrode Set with Leads

- Color-coded (red, blue, green, black) attached lead wires terminate in 1.5mm touchproof connectors
- Four pre-gelled 19mm Ag/AgCl tab electrodes per pouch
- Ideal for PSG, NCS, SEP, AEP, EMG, ENG and IOM studies

Part Number	Type	Lead Length	Quantity	Compatibility
017516	Disc	39" (1m)	4 electrodes/pkg; 100 electrodes/box	Most EMG systems

ADHESIVE ELECTRODES

Adhesive Electrodes with Lead Wires Attached

Disposable Ring Electrode with Leads

- Color-coded (red, black) attached lead wires terminate in 1.5mm touchproof connectors
- Two pre-gelled Ag/AgCl ring electrodes per package; contact area 8mm x 106mm
- Single patient use only

Part Number	Type	Lead Length	Quantity	Compatibility
019-439300	Ring	20" (0.5m)	10 pkg/box	Most EMG systems



Disposable Surface Electrode

- Attached white lead wire terminates in 1.5mm touchproof connectors
- Twelve pre-gelled Ag/AgCl disc electrodes per package, recording area 20mm x 15mm
- Ideal for use with infants and small children

Part Number	Type	Lead Length	Quantity	Compatibility
019-408500	Surface Electrodes	36" (1m)	12/pkg	Most EMG systems



Disposable 3-Disc Transparent Electrode Set

- Color-coded (red, black, green) attached lead wires terminate in 1.5mm touchproof connectors
- Three pre-gelled transparent electrodes per set
- Overall size 474mm²; recording area 54mm²
- Transparent electrodes allow for precise positioning; can be repositioned several times
- Ideal for NCV, EP and ENG studies

Part Number	Type	Length	Quantity	Compatibility
019-434600	Ag/AgCl Sensor	20" (0.5m)	4 sets/pkg	Most EMG systems
019-434700	Ag/AgCl Sensor	31" (0.8m)	4 sets/pkg	
019-434800	Ag/AgCl Sensor	47" (1.2m)	4 sets/pkg	



Disposable 2" x 4" Ground Plate Electrode with Lead

- Attached green lead wire terminates in 1.5mm touchproof connectors
- One pre-gelled Ag/AgCl extra-large ground electrode per pouch; 51mm x 102mm surface area
- Ideal for ICU or electrically challenging environment

Part Number	Type	Lead Length	Quantity	Compatibility
019-422200	Ground	59" (1.5m)	24 pouches/pkg	Most EMG systems



Value Line Disposable Ground Plate Electrode with Lead

- Attached green lead wire terminates in 1.5mm touchproof connector
- One pre-gelled Ag/AgCl ground electrode per pouch; 42mm x 60mm surface area
- Ideal for EMG, NCS, SEP and IOM studies

Part Number	Type	Lead Length	Quantity	Compatibility
017515	Ground	39" (1m)	1 electrode/pack; 25 electrodes/box	Most EMG systems



Disposable Ground Plate Electrode with Lead

- Attached green lead wire terminates in 1.5mm touchproof connectors
- One pre-gelled Ag/AgCl ground electrode per pouch; 40mm x 50mm surface area
- Ideal for EMG, NCS, SEP and IOM studies

Part Number	Type	Lead Length	Quantity	Compatibility
019-400500	Ground	36" (1m)	24 pouches/pkg	Most EMG systems
019-409100	Ground	79" (2m)	24 pouches/pkg	



ADHESIVE ELECTRODES

Adhesive Electrodes with Lead Wires Attached

Disposable Pre-Gelled Surface Electrodes

- Twelve pre-gelled Ag/AgCl electrodes per package
- Can be repositioned on the same patient

Part Number	Recording Area	Lead Length	Lead Connector	Quantity	Compatibility
9013S0212*	15mm x 20mm (263mm ²)	4" (10cm)	0.7mm male touchproof	12/pkg	Dantec Keypoint G4, Keypoint Focus & Natus UltraPro S100 EMG systems only
9013S0242*	28mm x 20mm (474mm ²)	2.4" (6cm)	0.7mm male touchproof	12/pkg	
9013L0453	28mm x 20mm (474mm ²)	18.3" (46.5cm)	1.5mm female touchproof	12/pkg	
9013S0225*	20mm x 15mm (263mm ²)	6" (15.2cm)	0.7mm male touchproof	12/pkg	
9021S0235*	28mm x 20mm (490mm ²)	6" (15.2cm)	0.7mm male touchproof	12/pkg	

*Cable required with these electrodes: see Page 8 for options



9013S0225



9021S0235



9013S0212



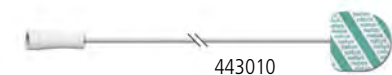
9013L0453

Disposable Pre-Gelled Surface Electrodes

- White attached lead wires terminate in 0.7mm male touchproof connectors
- Twelve pre-gelled Ag/AgCl electrodes per package (four tabs of three electrodes each)
- Can be repositioned on the same patient

Part Number	Recording Area	Lead Length	Lead Connector	Quantity	Compatibility
443010*	15mm x 20mm	6.5" (16.5cm)	0.7mm male touchproof	12/pkg	Dantec Keypoint G4, Keypoint Focus & Natus UltraPro S100 EMG systems only
454010*	20mm x 25mm	6.5" (16.5cm)	0.7mm male touchproof	12/pkg	

*Cable required with these electrodes: see Page 8 for options



443010



454010

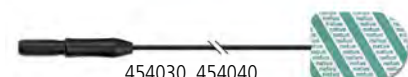
Disposable Pre-Gelled Surface Electrodes

- Color-coded (one each red, black, green per set) attached lead wires terminate in 1.5mm female touchproof connectors
- Twelve pre-gelled Ag/AgCl electrodes per package (four tabs of three electrodes each)
- Can be repositioned on the same patient

Part Number	Recording Area	Lead Length	Lead Connector	Quantity	Compatibility
443020	15mm x 20mm	47.2" (1.2m)	1.5mm female touchproof	12/pkg	Most EMG systems
454030	20mm x 25mm	47.2" (1.2m)	1.5mm female touchproof	12/pkg	
454040	20mm x 25mm	79" (2.0m)	1.5mm female touchproof	12/pkg	



443020



454030, 454040

Disposable Non-Gelled Surface Electrode

- Fifty non-gelled Ag/AgCl electrodes per package; recording area 7mm x 4mm
- Small recording area provides highly accurate, optimal recordings
- Single patient use only

Part Number	Recording Area	Lead Length	Lead Connector	Quantity	Compatibility
9013L0203*	7mm x 4mm	3" (8cm)	0.7mm male touchproof	50/pkg	Dantec Keypoint G4, Keypoint Focus & Natus UltraPro S100 EMG systems only

*Cable required with this electrode: see Page 8 for options



ADHESIVE ELECTRODES

Adhesive Tab Electrodes

Disposable Ground/Tab Electrode

- Pre-gelled Ag/AgCl tab/ground electrode, 22mm x 32mm contact area
- 10 electrodes per pouch
- Ideal for NCS and SEP
- Requires reusable alligator-clip lead wires

Part Number	Type	Quantity	Compatibility
019-435300	Ground	10 pouches/box	Most EMG systems



Disposable Wide Version Ring Electrode

- Pre-gelled Ag/AgCl ring electrode, 8mm x 95mm contact area
- 10 electrodes per pouch
- Ideal for NCS
- Requires reusable alligator-clip lead wires

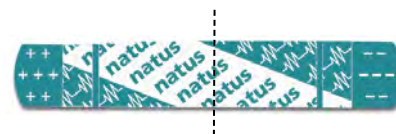
Part Number	Type	Quantity	Compatibility
019-435500	Ring	10 pouches/box	Most EMG systems



Disposable Bar/Disc Electrode

- Pre-gelled Ag/AgCl bar electrode, 12mm x 18mm contact area with 25mm between disc areas
- Disc contact areas marked for easy placement
- Perforated for use as individual disc electrodes
- 10 electrodes per pouch
- Requires reusable alligator-clip lead wires

Part Number	Type	Quantity	Compatibility
N6003	Bar	10 pouches/box	Most EMG systems



Disposable Ground Plate Electrode

- Pre-gelled Ag/AgCl ground plate electrodes; 40mm x 50mm contact area
- Two ground plate electrodes per pouch
- Ideal for NCS studies
- Requires reusable alligator-clip lead wires

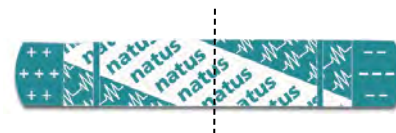
Part Number	Type	Quantity	Compatibility
019-768500	Ground Plate	25 pouches/box	Most EMG systems



Disposable Tab Electrode Kit

- 60 disposable bar electrodes (N6003)
- 60 disposable ring electrodes (019-435500)
- 60 disposable ground/tab (019-435300)
- Requires reusable alligator-clip lead wires

Part Number	Type	Quantity	Compatibility
N2025	30 Patient Kit	60 bar, ground & ring electrodes/pkg	Most EMG systems



ADHESIVE ELECTRODES

Adhesive Tab Electrodes



Nutab Disposable Electrode

- Pre-gelled Ag/AgCl tab electrodes
- 10 sheets of 10 electrodes
- Non-metallic, soft, thin and flexible
- Requires reusable alligator-clip lead wires

Part Number	Type	Quantity	Compatibility
101169	Nutab	100 (10 sheets of 10)	Most EMG systems



Care 310® Disposable Ground Electrode

- Pre-gelled Ag/AgCl ground tab electrodes
- 10 sheets of 10 electrodes each
- Excellent adhesion for quality traces
- Requires reusable alligator-clip lead wires

Part Number	Type	Quantity	Compatibility
101226	Care 310	100 (10 sheets of 10)	Most EMG systems

Alligator-Clip Lead Wires



Alligator-Clip Lead Wire Sets

- Lead wires terminate in 1.5mm touchproof connectors
- Designed for use with disposable tab electrodes without lead wires

Part Number	Type	Lead Length	Quantity	Compatibility
117-401900	Complete Set	49" (1.25m)	1 set/pkg	Most EMG systems
019-417000	Red/Black Pair	49" (1.25m)	1 pair/pkg	
019-417200	Ground	49" (1.25m)	1/pkg	



Alligator-Clip Lead Wire Sets

- Color-coded (red, black, green) lead wires terminate in 1.5mm touchproof connectors
- Designed for use with disposable tab electrodes without lead wires

Part Number	Lead Length	Quantity	Compatibility
CB0102	24" (61cm)	1 set/pkg	Most EMG systems

Adhesive Snap Electrodes



Disposable Dual-Surface EMG Electrode

- Wet gel, 14mm conductive area, foam backed
- 20mm center-to-center between electrodes
- Ideal for surface EMG and NCV studies or electrical stimulation
- Requires reusable snap leads

Part Number	Type	Quantity	Compatibility
019-429400	Dual EMG	15/pkg	Most EMG systems

Snap electrode lead wires are located on pp. 74-75.

EMG Supplies Solutions

Convenient, Complete, Trusted

Natus Neuro supports the **full spectrum** of EMG care. From equipment, service and support to diagnostic supplies – we're with you **at every step**.

Our EMG supplies are thoroughly tested to provide **reliable patient care**. With a complete portfolio of EMG supplies, Natus provides **seamless solutions**.



Concentric & Monopolar Needle Electrodes • Injectable Needle Electrodes • Adhesive Electrodes

ANCILLARY EMG ITEMS

Optional Cables & Adapters



Shielded 3-in-1 Monopolar Acquisition Cable

- Shielded cable connects into 5-pin DIN head box input
- Cable includes ground and reference lead wires terminating in tab clip connectors and active lead terminating in a direct hub connector

Part Number	Length 5-pin DIN to Center Yoke	Length R, G, B	Connector	Quantity	Compatibility
102608	24" (0.6m)	18" (0.45m)	5-pin DIN	1 /pkg	Most EMG amplifiers



Shielded 3-in-1 Extension Cable

- 39" (100cm) shielded monopolar acquisition extension cable with 5-pin DIN to ground and reference clips plus active lead male touchproof connector

Part Number	Connector	Quantity	Compatibility
W6179H	5-pin DIN	1/pkg	Most EMG amplifiers



Shielded Reusable Lead Cable for Disposable Monopolar Needle Electrodes

- 24" (61cm) shielded lead wire with molded monopolar needle connector to 5-pin DIN Connector

Part Number	Quantity	Compatibility
902-SLC	1/pkg	Most EMG amplifiers



Shielded Shuttle Cable

- 24" (61cm) shielded cable with 3 touchproof sockets to 5-pin DIN plug

Part Number	Quantity	Compatibility
2002-TP	1/pkg	Most EMG amplifiers



Alligator-Clip Cables

- For use with pre-gelled tab electrodes
- Cable withstands >50 lbs. pull test

Part Number	Type	Length	Electrode End	Instrument End	Quantity	Compatibility
9013C0232	Shielded	39" (1m)	3 color-coded clips (red, green, black)	5-pin DIN	1/pkg	Most EMG systems
9013P0602	Unshielded	31" (80cm)	Clip Connector - Green	1.5mm touchproof connector	1/pkg	
9013P0642	Unshielded	31" (80cm)	Clip Connector - Red	1.5mm touchproof connector	1/pkg	

ANCILLARY EMG ITEMS

Optional Cables & Adapters

HUSH® Yoke Cables

- Converts 2mm connectors to touchproof connectors
- Converter cable: Plug directly into a safe 5-pin 240° female DIN connector; then plug any touchproof electrode into the three jacks or DIN
- Fully shielded to reduce artifact

Part Number	Length	Instrument End	Quantity	Electrode End	Compatibility
9013C0302	59" (1.5m)	5-pin DIN - Right Angle	1/pkg	Three 1.5mm male touchproof connectors (red, black, green) plus a female 5-pin DIN	Most EMG amplifiers
9013C0312	59" (1.5m)	5-pin DIN - Straight	1/pkg		
9013C0402	4" (0.1m)	5-pin DIN - Straight	1/pkg		
9013C0422	157" (4m)	5-pin DIN - Right Angle	1/pkg		



Touchproof to DIN Adapter Cable

- 5-pin DIN female connector to touchproof connectors

Part Number	Electrode End	Instrument End	Quantity	Compatibility
9013P0283	5-pin DIN female	2 x 1.5mm female touchproof	1/pkg	Most EMG systems



Extension Cable for Monopolar Needles

- Three each red and black lead wires terminating in touchproof connectors

Part Number	Length	Electrode End	Instrument End	Quantity	Compatibility
902-EX-TP	24" (61cm)	1.5mm male touchproof	1.5mm female touchproof	6/pkg	Most EMG systems



Natus® Concentric Cable Adapter

- 5-pin female DIN connector to two 1.5mm female touchproof connectors and one stackable male/female touchproof connector

Part Number	Length	Quantity	Compatibility
085-417401	6" (15.2cm)	1/pkg	Pudendal, bar & hand-held stimulating electrodes



DID YOU KNOW?

Carpal Tunnel Syndrome accounts for 90% of all nerve compression syndromes

ANCILLARY EMG ITEMS

Temperature Probes & Electrodes



Mini-Temp Hearts & Flexible Surface Temperature Probe

- Mini-Temp Hearts heat-reflecting shields are used with flexible surface temperature probe
- Temperature probe consists of small stainless steel sensor disc attached to flexible Teflon wire
- For use with children and adults

Part Number	Type	Length	Quantity	Compatibility
268-411800	Flexible Surface Temp Probe	72" (1.9m)	1/pkg	Nicolet VikingQuest & EDX systems only. Use with 4mm male phone plug
123-401600	Mini-Temp Hearts	n/a	100/pkg	

Disposable Temperature Electrode

- For skin temperature calibration when a calibrated system is not available
- Adhesive backing for easy application; 75mm x 13mm
- Temperature range: 84-106° F; 29-41° C

Part Number	Type	Quantity	Compatibility
019-406000	Temperature Electrodes	50/pkg	Most EMG systems

Reusable Temperature Probe with Ferrite

- Plugs directly into the preamplifier/patient interface unit

Part Number	Type	Quantity	Compatibility
040D040	Temperature Probe	1/pkg	Nicolet Synergy Plinth & Synergy PIU EMG systems only

Tendon (Reflex) Hammer

Tendon (Reflex) Hammer

- For mechanical triggering in reflex studies
- Length of hammer: 9.5" (24cm)

Part Number	Type	Lead Length	Instrument End	Quantity	Compatibility
842-116700	Tendon Hammer	120" (3.0m)	1/8" mini-phone plug	1/pkg	Nicolet VikingQuest & EDX systems only

Tendon (Reflex) Hammer

- For mechanical triggering in reflex studies
- Length of hammer: 8.75" (22.23cm)

Part Number	Type	Lead Length	Instrument End	Quantity	Compatibility
9031E0402	Tendon Hammer	66" (1.68m)	9-pin D-sub connector	1/pkg	Dantec systems only

Sharps Container

Sharps Heavy-Duty Polypropylene Containers

- Made of rigid, high-impact polypropylene
- Meets DC, EPA and JCAH guidelines
- Not wall mountable

Part Number	Type	Quantity
122-739000	1 Quart Container	1/pkg
122-739100	2 Quart Container	1/pkg



ANCILLARY EMG ITEMS

EMG Needle Holder

EMG Needle Holder

- Ideal for managing needle electrodes and other dangerous sharps
- Can be adhered to the EMG system or amplifier

Part Number	Type	Quantity
515-018300	EMG Needle Holder	1/pkg



EMG Needle Holder

- Ideal for managing needle electrodes and other dangerous sharps
- Effective safety device can be clamped onto either side of most EMG systems

Part Number	Type	Size	Quantity
842-122600	EMG Needle Holder	2.8" (7cm) x 1" (2.5cm)	1/pkg



Velcro® Straps

Velcro® Straps

- Provide patient comfort while holding electrodes securely in place
- May be attached to each other for large limb applications

Part Number	Type	Strap Length	Quantity
698-621400	Red Velcro Strap	1" (2cm) x 22" (55cm)	3/pkg



Acceleration Sensors

Acceleration Transducer

- For tremor analysis

Part Number	Description	Quantity	Compatibility
9013L0241*	Acceleration transducer with 200cm cable	1/ea	Dantec Keypoint G4 and Keypoint Focus

*Not for sale in US & Canada



Acupuncture Needles

Acupuncture Needles

- Sterile EMG disposable needles

Part Number	Type	Size	Quantity
630558*	Acupuncture needles	13mm length; 0.20mm diameter	individually blistered; 100/pkg

*Not for sale in US & Canada



MULTI-MEDIA TRAINING MATERIAL

EMG Educational Series Subscription

Series Editor: Sanjeev D. Nandedkar, PhD

- Convenient 24/7 streaming access
- One year subscriptions available for all modules
- Unlimited usage during the subscription period
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023400 - Volume I

Electronic Myoanatomic Atlas for Clinical Electromyography (2nd Edition)

023401 - Volume II

Electronic Atlas of Electromyographic Waveforms (2nd Edition)

023402 - Volume III

Sensory Nerve Conduction Studies

023403 - Volume IV

Motor Nerve Conduction Study
and Late Responses

023404 - Volume V

Basic Nerve Conduction Studies

023405 - Volume VI

Electrodiagnostic Evaluation of the Foot

023406 - Volume VII

Electrodiagnostic Evaluation
of Ulnar Neuropathy

023407 - Volume VIII

Uncommon Nerve Conduction Studies

023408 - Volume IX

Electrodiagnostic Evaluation of
Carpal Tunnel Syndrome

023409 - Volume X

Single Fiber Electromyography

023410 - Volume XI

Basic Evoked Potentials

023411 - Volume XII

Repetitive Nerve Stimulation

023412 - Essential EDX: Volume I

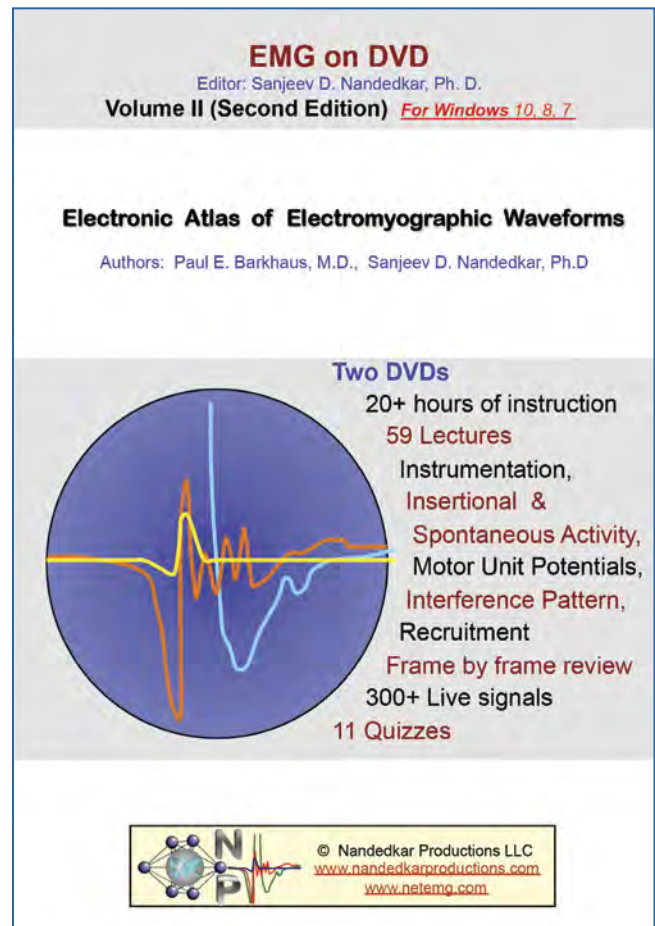
Instrumentation: Principles and Practice

023413 - Essential EDX

Volume II. Insertional and Spontaneous Activity

023414 - Institutional License for Teaching Institutes

All 12 Volumes





Natus EP Supplies

Auditory • EP Electrodes
Ancillary EP Supplies • EP Goggles & Headphones

AUDITORY

Tubal Insert Phones (TIPs) Kits

- ✓ For auditory studies including evoked potentials, audiometry & intraoperative monitoring
- ✓ TIPs maximize interaural stimulus isolation, help prevent ear canal collapse & reduce stimulus artifact



Reusable Left & Right Tubal Insert Phones with Cable

- Three red and three blue silicone tubes
- Two clips with Velcro loop pads
- Disposable foam ear tips:
 - Fifty regular/13mm
 - Four jumbo/18mm
 - Ten baby/10mm
- Impedance probe adapters

Part Number	Description	Quantity	Compatibility
041-704000	TIP 300 Kit	1 kit/pkg	Nicolet systems

Part Number	Description	Cable Length	Quantity
085-746400	Replacement Cable	16' (4.88m)	1/pkg



Reusable Left & Right Tubal Insert Phones with Cable

- Three red and three blue silicone tubes
- Two clips with Velcro loop pads
- Disposable foam ear tips:
 - Fifty regular/13mm
 - Four jumbo/18mm
 - Ten baby/10mm
 - Ten infant/3.5mm
 - Ten infant/4.0mm
- Impedance probe adapters

Part Number	Description	Connector	Quantity	Compatibility
10250	Xltek XCalibur EMG & Protektor IOM TIPs Kit	Lemo	1 kit/pkg	Xltek XCalibur & Protektor systems



Reusable Left & Right Tubal Insert Phones with Cable

Part Number	Description	Quantity	Compatibility
9031E0277	Dantec Keypoint TIPs Kit	1 kit/pkg	Dantec Keypoint G4, Keypoint Focus & Natus UltraPro S100 EMG systems

AUDITORY

Tubal Insert Phones (TIPs) Supplies

Disposable Polyurethane Foam Ear Tips

- Single patient use only

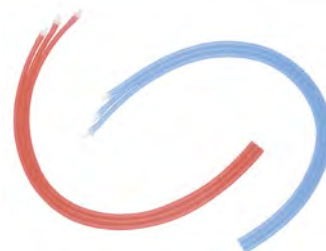
Part Number	Type	Quantity	Compatibility
103342	18mm, yellow	24/pkg	All Natus Tubal Insert Phones
1700-9604	13mm, yellow	50/pkg	
1700-9605	10mm, beige	50/pkg	



Replacement Red/Blue Silicone Tubes

- Three red and three blue tubes per pack
- Three pairs of additional replacement connectors
- Nubbies are designed to work with replacement tubes

Part Number	Type	Quantity	Compatibility
1700-9688	Red/Blue Tubes	3 each color/pkg	All Natus Tubal Insert Phones
1700-9686	Nubbies	10/pkg	



Replacement Clear Silicone Tubes

- Three pairs clear tubes per pack
- Three pair replacement connectors
- Nubbies are designed to work with replacement tubes

Part Number	Type	Quantity	Compatibility
019-411200	Clear Tubes	6/pkg	All Natus Tubal Insert Phones
1700-9686	Nubbies	10/pkg	



Replacement Impedance Adapter Tip

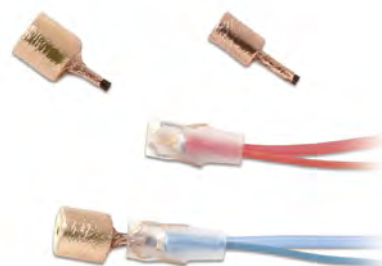
Part Number	Type	Quantity	Compatibility
019-428400	Adapter Tip	4/pkg	All Natus Tubal Insert Phones



Gold TIPtrodes/Reusable TIPtrode Cable

- Gold foil-wrapped polyurethane foam eartip electrodes offer both sound delivery and recording functions in one unit
- Enhances Wave I amplitude but may be used for ABR and all other auditory EP recording/testing
- TIPtrodes require one pair of TIPtrode cables
- Single patient use only

Part Number	Type	Quantity	Compatibility
019-746802	10mm TIPtrode	20/pkg	All Natus Tubal Insert Phones
019-741901	13mm TIPtrode	20/pkg	
085-415000	9.8" (250mm) TIPtrode Cable	1 pair/pkg	



Replacement Ear Tips

- For use with 019-428400 Impedance Adapter Tips
- Soft ear tips made of PVC plastic

Part Number	Type	Quantity	Compatibility
842-507300	3.5mm Tips	10/pkg	All Natus TIPtrode (Tubal Insert) Phones
842-507400	4.0mm Tips	10/pkg	
842-507500	5.0mm Tips	10/pkg	



AUDITORY

Tubal Insert Phones (TIPs) Supplies



Eartips

- Made from wipe-clean PVC; autoclaveable; keep tips separate during autoclaving
- Introduce a delay of 0.3ms due to stimulus travel time through coupled tubes

Part Number	Type	Quantity	Compatibility
51023	Premature	10/pkg	All Natus TIPtrode (Tubal Insert) Phones
51019	Neonatal	10/pkg	
51020	Infant	10/pkg	
51021	Child	10/pkg	
51022	Adult	10/pkg	



300 Ohm Bone Vibrator Transducer

- Used to determine conductive hearing loss or indicate presence of middle ear pathology
- Includes 15' (4.6m) cable

Part Number	Type	Quantity	Compatibility
842-202600	Bone Vibrator Transducer	1/pkg	Nicolet VikingQuest

EP ELECTRODES



Disposable Center Snap Round Electrodes

- Wet gelled Ag/AgCl vinyl-backed electrode, 1-3/8" diameter, 5/8" recording area
- Requires reusable snap lead wires which can be found in the PSG and EMG sections of this catalog

Part Number	Type	Quantity	Compatibility
842-507900	Round Snap	10/pkg	Most EP systems



Disposable Center Snap Rectangular Electrodes

- Solid gel Ag/AgCl electrodes foam backed, 1.75" x 0.8125", 0.5" recording area
- Requires reusable snap lead wires which can be found in the PSG and EMG sections of this catalog

Part Number	Type	Quantity	Compatibility
019-767700	Rectangle Snap	250 electrodes (25 packs of 10)	Most EP systems



Disposable ERG Jet Contact Lens Electrode

- 11.37mm clear polycarbonate lens features a concentric gold electrode near its perimeter on the concave surface
- Cable terminates in 1.5mm female touchproof connectors

Part Number	Type	Lead Length	Quantity	Compatibility
842-216700	Contact Lens	39" (1m)	12/pkg	Most EP systems

EP GOGGLES & HEADPHONES

Goggles

Nicolet® Goggles

Part Number	Description	Compatibility
842-106504	LED Goggles	VikingQuest or EDX system with visual stimulator



Dantec® Keypoint® Goggles

Part Number	Description	Compatibility
9031E0223	LED Goggles	Dantec Keypoint Focus & Keypoint G4 with visual stimulator



Headphones

Nicolet® Headphones

Part Number	Description	Compatibility
842-202700	Unshielded Headphones, 300 Ohm	VikingQuest or EDX system with auditory stimulator
842-202300	Shielded Headphones, 300 Ohm	



842-202700



842-202300

Dantec® Keypoint® Headphones

Part Number	Description	Compatibility
9031E0258	Calibrated Headphones	Natus UltraPro S100, Dantec Keypoint Focus & Keypoint G4 with auditory stimulator



Natus Neuro Customer Care

A global service organization here for you

Customer Service

Excellence in customer service and support is a core value held throughout the entire company. We work cooperatively to develop long-term relationships with our customers to provide products, tools and services for clinical excellence.

Technical Service

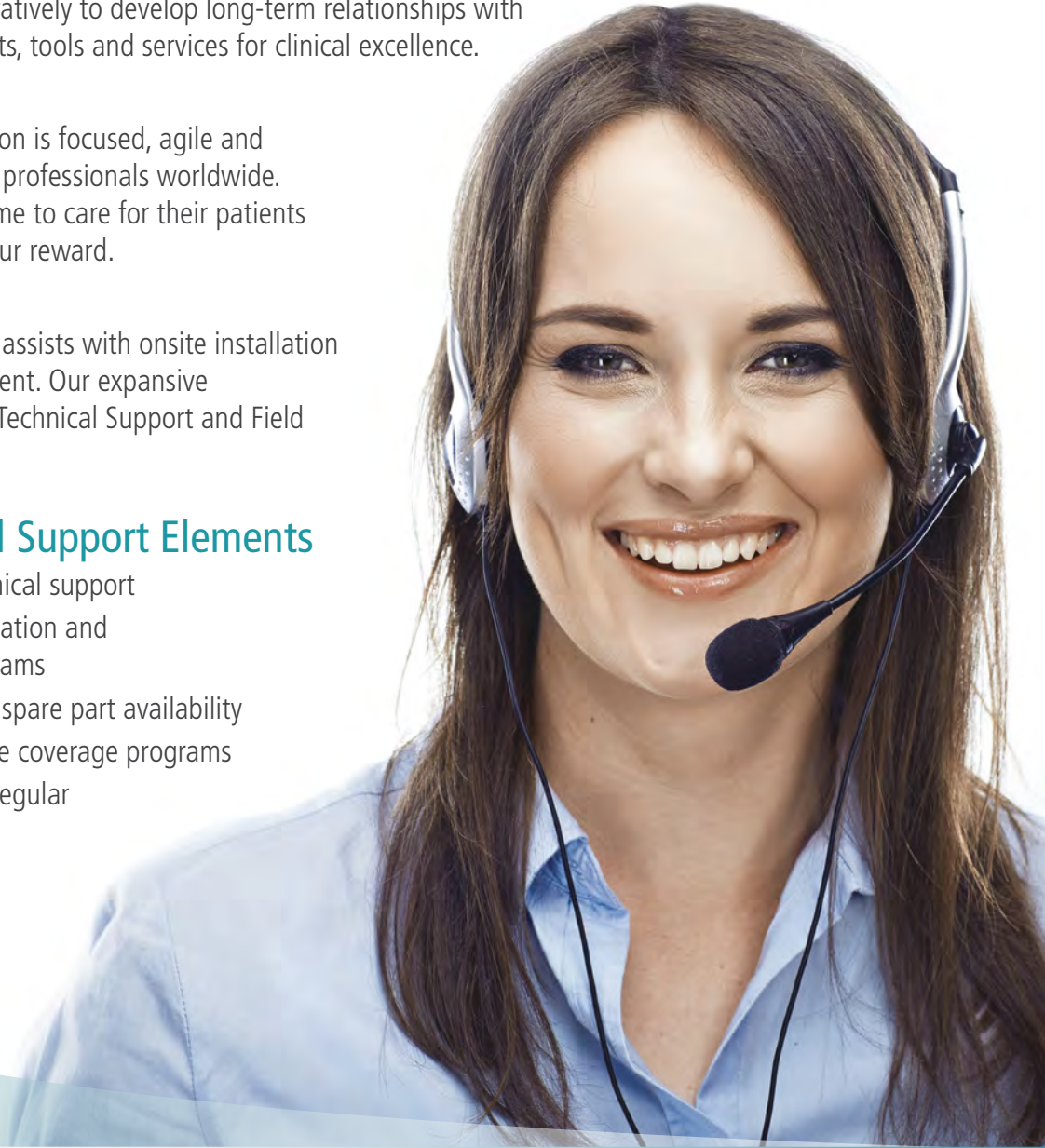
Our Technical Support organization is focused, agile and committed to serving healthcare professionals worldwide. Providing our customers more time to care for their patients is our goal. Customer loyalty is our reward.

Field Service

Our dedicated field service team assists with onsite installation and repair of your Natus equipment. Our expansive support team includes over 100 Technical Support and Field Service Representatives.

Natus Neuro Essential Support Elements

- Accessible and effective technical support
- Definitive technical documentation and knowledgeable installation teams
- Excellent replacement unit or spare part availability
- Extended warranty and service coverage programs
- Comprehensive, flexible and regular customer training courses



At Natus Neuro, we know that the performance of our service organization is as important to meeting clinical needs as the quality of our products and we are here to serve you, our valued customers.



Natus EEG Supplies

EEG Electrodes • EEG Caps • Cortical Stimulation
Ancillary EEG Supplies • Educational Aids

All electrodes in the EEG section of this catalog are compatible with all Natus EEG systems.

EEG ELECTRODES

Grass® Gold & Silver Reusable Cup Electrodes



Genuine Grass® Reusable Cup Electrodes

- Each Genuine Grass Electrode undergoes rigorous mechanical and electrical testing to assure long life
- Unsurpassed recording clarity and dependability
- Choice of 10mm diameter cast cups in gold, silver or 6mm diameter gold cast cups
- Choice of three unique, versatile 1.5mm touchproof connectors
- Choice of lightweight or tangle-free lead wires; both include Kevlar® strands for added strength
- Compatible with steam and EtO sterilization
- Ten lead wire colors: 

Part Number	Cup Type	Wire Length & Type	Connector Type	Quantity
F-E5GH-12	10mm Gold with 2mm hole	12" (0.31m) Lightweight Teflon	Molded 1.5mm touchproof	10/box
F-E5GH-24	10mm Gold with 2mm hole	24" (0.61m) Lightweight Teflon	Molded 1.5mm touchproof	10/box
F-E5GH-30	10mm Gold with 2mm hole	30" (0.76m) Lightweight Teflon	Molded 1.5mm touchproof	10/box
F-E5GH-48	10mm Gold with 2mm hole	48" (1.22m) Lightweight Teflon	Molded 1.5mm touchproof	10/box
F-E5GH-60	10mm Gold with 2mm hole	60" (1.52m) Lightweight Teflon	Molded 1.5mm touchproof	10/box
F-E5GH-72	10mm Gold with 2mm hole	72" (1.83m) Lightweight Teflon	Molded 1.5mm touchproof	10/box
F-E5GH-96	10mm Gold with 2mm hole	96" (2.44m) Lightweight Teflon	Molded 1.5mm touchproof	10/box
F-E5GH-120	10mm Gold with 2mm hole	120" (3.05m) Lightweight Teflon	Molded 1.5mm touchproof	10/box
F-E6GH-48	6mm Gold Ped with 1.5mm hole	48" (1.22m) Lightweight Teflon	Molded 1.5mm touchproof	10/box
F-E5SH-48	10mm Silver with 2mm hole	48" (1.22m) Lightweight Teflon	Molded 1.5mm touchproof	10/box
F-E5SH-72	10mm Silver with 2mm hole	72" (1.83m) Lightweight Teflon	Molded 1.5mm touchproof	10/box
FH-E5GH-48	10mm Gold with 2mm hole	48" (1.22m) Lightweight Teflon	Hand-Crafted 1.5mm touchproof	10/box
FH-E5GH-60	10mm Gold with 2mm hole	60" (1.52m) Lightweight Teflon	Hand-Crafted 1.5mm touchproof	10/box
FH-E5GH-72	10mm Gold with 2mm hole	72" (1.83m) Lightweight Teflon	Hand-Crafted 1.5mm touchproof	10/box
FH-E5GH-96	10mm Gold with 2mm hole	96" (2.44m) Lightweight Teflon	Hand-Crafted 1.5mm touchproof	10/box
FH-E5SH-48	10mm Silver with 2mm hole	48" (1.22m) Lightweight Teflon	Hand-Crafted 1.5mm touchproof	10/box
FD-E5GH-48	10mm Gold with 2mm hole	48" (1.22m) Lightweight Teflon	Extra-Width 1.5mm touchproof	10/box
FD-E5GH-60	10mm Gold with 2mm hole	60" (1.52m) Lightweight Teflon	Extra-Width 1.5mm touchproof	10/box
FD-E5GH-72	10mm Gold with 2mm hole	72" (1.83m) Lightweight Teflon	Extra-Width 1.5mm touchproof	10/box
FD-E5GH-96	10mm Gold with 2mm hole	96" (2.44m) Lightweight Teflon	Extra-Width 1.5mm touchproof	10/box
FS-E5GH-48	10mm Gold with 2mm hole	48" (1.22m) No-Tangle Silicone	Molded 1.5mm touchproof	10/box
FS-E5GH-60	10mm Gold with 2mm hole	60" (1.52m) No-Tangle Silicone	Molded 1.5mm touchproof	10/box
FS-E5GH-72	10mm Gold with 2mm hole	72" (1.83m) No-Tangle Silicone	Molded 1.5mm touchproof	10/box
FS-E5GH-96	10mm Gold with 2mm hole	96" (2.44m) No-Tangle Silicone	Molded 1.5mm touchproof	10/box
FS-E5GH-120	10mm Gold with 2mm hole	120" (3.05m) No-Tangle Silicone	Molded 1.5mm touchproof	10/box
FS-E5SH-48	10mm Silver with 2mm hole	48" (1.22m) No-Tangle Silicone	Molded 1.5mm touchproof	10/box
FS-E5SH-60	10mm Silver with 2mm hole	60" (1.52m) No-Tangle Silicone	Molded 1.5mm touchproof	10/box



Heavy 24k Gold plate over pure silver cast cup



Pure, solid Silver cast cup, burnished for a smooth finish



Heavy 24k Gold plate over pure silver

EEG ELECTRODES

Other Reusable & Disposable Cup Electrodes

Grass® Reusable EEG Stamped Cup Electrodes

- Choice of gold, silver or Ag/AgCl 10mm cups
- Pediatric 6mm Ag/AgCl cup available
- No-lift contour adjustable cup neck for low profile
- Molded plastic 1.5mm touchproof connector
- Six lead wire colors: two each: 

Part Number	Cup Type	Lead Length	Quantity
019-477500	10mm Gold	39" (1.0m)	12/pkg
019-477600	10mm Gold	59" (1.5m)	12/pkg
019-478600	10mm Gold	79" (2.0m)	12/pkg
019-477700	10mm Gold	98" (2.5m)	12/pkg
019-477800	10mm Silver	39" (1.0m)	12/pkg
019-477900	10mm Silver	59" (1.5m)	12/pkg
019-478700	10mm Silver	79" (2.0m)	12/pkg
019-478800	10mm Silver	98" (2.5m)	12/pkg
019-478400	10mm Ag/AgCl	39" (1.0m)	12/pkg
019-478500	10mm Ag/AgCl	59" (1.5m)	12/pkg
019-478900	10mm Ag/AgCl	79" (2.0m)	12/pkg
019-479000	10mm Ag/AgCl	98" (2.5m)	12/pkg
019-479100	6mm Ag/AgCl Pediatric	59" (1.5m)	12/pkg



Reusable "Tangle Free" 10mm EEG Cup Electrodes

- Choice of gold, silver or Ag/AgCl cups
- Molded plastic electrode hub for sure grip and easy electrode placement
- Molded plastic 1.5mm touchproof connector
- Six lead wire colors: two each: 

Part Number	Type	Lead Length	Quantity
019-414400	Gold	39" (1.0m)	12/pkg
019-413900	Gold	59" (1.5m)	12/pkg
019-433800	Gold	98" (2.5m)	12/pkg
019-414600	Silver	39" (1.0m)	12/pkg
019-414100	Silver	59" (1.5m)	12/pkg
019-417600	Ag/AgCl	39" (1.0m)	12/pkg
019-417700	Ag/AgCl	59" (1.5m)	12/pkg



Natus® Reusable "Tangle Free" 6mm Pediatric EEG Cup Electrodes

- Choice of gold or silver cups
- Molded plastic electrode hub for sure grip and easy electrode placement
- Molded plastic 1.5mm touchproof connector
- Six lead wire colors: two each: 

Part Number	Type	Lead Length	Quantity
019-772500	Gold	39" (1.0m)	12/pkg
019-772600	Gold	59" (1.5m)	12/pkg
019-772100	Silver	39" (1.0m)	12/pkg
019-772200	Silver	59" (1.5m)	12/pkg



EEG ELECTRODES

Other Reusable & Disposable Cup Electrodes



Grass® Disposable EEG Cup Electrodes

- Ag/AgCl-coated ABS cup with 2mm hole
- Single use eliminates the risk of cross-contamination
- No cleaning and maintenance; use once and throw away
- Flexible lead wires terminating in 1.5mm touchproof connectors
- Five lead wire colors: two each 

Part Number	Type	Lead Length	Quantity
019-477200	10mm Ag/AgCl	39" (1.0m)	10/pkg
019-477300	10mm Ag/AgCl	59" (1.5m)	10/pkg
019-477400	10mm Ag/AgCl	79" (2.0m)	10/pkg
019-479200	10mm Ag/AgCl	98" (2.5m)	10/pkg



Grass® Disposable EEG Deep-Cup Electrodes

- Ag/AgCl-coated ABS cup with 2mm hole
- Single use eliminates the risk of cross-contamination
- No cleaning and maintenance; use once and throw away
- Flexible lead wires terminating in 1.5mm touchproof connectors
- Five lead wire colors: two each 

Part Number	Type	Lead Length	Quantity
023146	10mm Ag/AgCl	39" (1.0m)	10/pkg
023147	10mm Ag/AgCl	59" (1.5m)	10/pkg
023148	10mm Ag/AgCl	79" (2.0m)	10/pkg
023149	10mm Ag/AgCl	98" (2.5m)	10/pkg



Value Line Disposable EEG Deep-Cup Electrodes

- Ag/AgCl-coated ABS cup with 2mm hole
- Single use eliminates the risk of cross-contamination
- No cleaning and maintenance; use once and throw away
- Flexible lead wires terminate in 1.5mm female touchproof connectors
- Ten lead wire colors 

Part Number	Type	Lead Length	Quantity
017501	10mm Ag/AgCl	39" (1.0m)	10/pkg
017502	10mm Ag/AgCl	59" (1.5m)	10/pkg
017503	10mm Ag/AgCl	79" (2.0m)	10/pkg
017504	10mm Ag/AgCl	98" (2.5m)	10/pkg



Genuine Grass® Reusable Ear Clip Electrodes

- Pair of 10mm cup electrodes mounted in a plastic clamp
- Two ear clip electrodes per package; black lead wires
- 1.5mm touchproof connectors

Part Number	Type	Lead Length	Quantity
F-E34DG-48	10mm Gold	48" (1.22m)	1 pair/box
F-E34DG-72	10mm Gold	72" (1.83m)	1 pair/box
F-E34DS-48	10mm Silver	48" (1.22m)	1 pair/box



Natus® Reusable Ear Clip Electrodes

- Pair of electrodes mounted on a spring-steel clamp
- Two ear clip electrodes per package; one red and one blue lead wire
- 1.5mm touchproof connectors

Part Number	Type	Lead Length	Quantity
019-405500	10mm Ag/AgCl	39" (1m)	1 pair/pkg
019-405400	6mm Ag/AgCl	39" (1m)	1 pair/pkg

EEG ELECTRODES

Other Reusable & Disposable Cup Electrodes

MR Conditional Electrodes

- Convenient, time saving and cost effective
- Stay in place during Magnetic Resonance Imaging scans (MRIs); quickly reconnect to resume EEG after imaging
- Produce artifact-free MRI images
- Use with Ten20 or comparable conductive adhesive paste
- Twelve color-coded MR Conditional electrodes and extension cables per pack
- Non-MR Conditional extension cables terminate in 1.5mm female touchproof connectors at instrument end
- Can be used with magnetic fields ranging from 1.5 to 3.0 Tesla
- Clearly marked with MR Conditional symbols for easy identification by Radiology staff
- Optional 017437 LeadLock organizes leads and facilitates easy, accurate connection

Color Group 1 (1 – 12)



Color Group 2 (13 – 24)



Disposable MR Conditional Cups

Part Number	Type	Lead Length	Color Group	Quantity
017429	10mm Ag/AgCl	240mm lead with 1.0m lead	1	12/pkg
017430	10mm Ag/AgCl	240mm lead with 1.5m lead	1	12/pkg
017431	10mm Ag/AgCl	240mm lead with 1.0m lead	2	12/pkg
017432	10mm Ag/AgCl	240mm lead with 1.5m lead	2	12/pkg

Disposable MR Conditional Deep Cups

Part Number	Type	Lead Length	Color Group	Quantity
017433	10mm Ag/AgCl	240mm lead with 1.0m lead	1	12/pkg
017434	10mm Ag/AgCl	240mm lead with 1.5m lead	1	12/pkg
017435	10mm Ag/AgCl	240mm lead with 1.0m lead	2	12/pkg
017436	10mm Ag/AgCl	240mm lead with 1.5m lead	2	12/pkg

Disposable MR Conditional PressOn

Part Number	Type	Lead Length	Color Group	Quantity
017438	10mm Ag/AgCl	240mm lead with 1.0m lead	1	12/pkg
017439	10mm Ag/AgCl	240mm lead with 1.5m lead	1	12/pkg
017440	10mm Ag/AgCl	240mm lead with 1.0m lead	2	12/pkg
017441	10mm Ag/AgCl	240mm lead with 1.5m lead	2	12/pkg



LeadLock™

- Organizes MR Conditional EEG Cup, Deep Cup and PressOn Electrodes

Part Number	Description	Quantity
017437	1 set of 2 LeadLocks	1 set/pkg



EEG ELECTRODES

Electrode Caps



HC0017
waveguard
256-channel
original
(medium)



021122



021126



021127

waveguard™ original Head Caps

- Ag/AgCl electrodes ensure quality and flexibility for a wide range of applications
- Available with 23, 64, 128 or 256 active EEG electrodes, plus reference and ground
- Direct connection to Natus Quantum amplifier pin boxes; adapter terminating in 1.5mm touchproof connectors also available
- Coolmax™ breathable fabric for enhanced comfort and short drying times; easy to use and maintain

waveguard original head caps

Part Number	Size	Fabric Color L, C & R	Description	Compatibility	Electrode Type	Layout	Quantity
021115	Large	● ● ●	23-channel + reference & ground, waveguard original cap, chin strap & adapter, 68-pin connector, 6' (1.8m) cable. 1-year warranty	Quantum only (68-pin connector), unless optional 022390 adapter used.*	Sintered Ag/AgCl	International 10-20 Electrode Placement	1/pkg
021114	Medium	● ● ●					
021113	Small	● ● ●					
021112	Child	● ● ●					
021110	Infant	● ● ●					
021304	Baby	● ● ●	64-channel + reference & ground, waveguard original cap, chin strap & adapter, 68-pin connector, 6' (1.8m) cable. 1-year warranty	Quantum only (68-pin connector), unless optional 022390 adapter used.*	Sintered Ag/AgCl	10-10 Electrode Placement	1/pkg
021121	Large	● ● ●					
021120	Medium	● ● ●					
021119	Small	● ● ●					
021118	Child	● ● ●					
021117	Infant	● ● ●	128-channel + reference & ground, waveguard original cap, chin strap & adapter, 68-pin connector, 6' (1.8m) cable. 1-year warranty	Quantum only (2 x 68-pin connector), unless optional 022390 adapter used.*	Sintered Ag/AgCl	10-5 Electrode Placement	1/pkg
021116	Baby	● ● ●					
HC0016	Large	● ● ●					
HC0015	Medium	● ● ●					
HC0014	Small	● ● ●					
HC0013	Child	● ● ●	256-channel + reference & ground, waveguard original cap, chin strap & adapter, 68-pin connector, 6' (1.8m) cable. 1-year warranty	Quantum only (4 x 68-pin connector), unless optional 022390 adapter used.*	Sintered Ag/AgCl	Equidistant Electrode Placement	1/pkg
HC0018	Large	● ● ●					
HC0017	Medium	● ● ●					

waveguard original accessories

Part Number	Type/Description	Quantity
022390*	Adapter from Quantum 68-pin bulk connector to standard 1.5mm DIN 42802 touchproof connectors	1/pkg
021122	Replacement chin strap with clips for head cap, length 0.8-5.5" (2-14cm)	1/pkg
021123	Fastfix quick repair/insert electrode for waveguard original cap; 78.7" (2m) cable, touchproof connector	1/pkg
021124	Chin pad for patients with pressure sensitivity. 70mm x 120mm. 1mm thick. (Alternative to 021122)	1/pkg
021125	Blunted Needle, 18G x 1.0" (2.54cm) Cannula, Luer Lock, stainless steel, aluminum hub, autoclavable, sterile	25/pkg
021126	Monoject™ Syringe, 6mL, Luer Lock, autoclavable, for gel application	50/pkg
021127	Optional chest belt with connection to head cap, shoulder strap length 11.8-20.5" (30-52cm); adjustable chest strap length up to 27.6" (70cm)	1/pkg
122-407000**	Electro-Gel™, 16oz (473ml)	1/pkg

**Not for sale in Canada

Size	Head Cap Sizing Fits Head Circumference (Range)
Baby	14.2-15.4" (36-39cm)
Infant	15.4-16.9" (39-43cm)
Child	16.9-18.5" (43-47cm)
Small	18.5-20.1" (47-51cm)
Medium	20.1-22.1" (51-56cm)
Large	22.1-24.1" (56-61cm)

EEG ELECTRODES

Electrode Caps

waveguard™ connect Head Caps

- **waveguard connect:** excellent choice for everyday EEG applications
- 21 active EEG electrodes, plus reference and ground
- Convenient connection to all EEG systems is achieved with optional adapters to individual 1.5mm touchproof connectors
- **Coolmax™** breathable fabric for enhanced comfort and short drying times; easy to use and maintain

waveguard connect head caps

Part Number	Size	Fabric Color L, C & R	Description	Electrode Type	Layout	Quantity
021131	Large	• • •	Each head cap features 21 channels + reference & ground, and includes a chin strap. Standard output is a DB25 connector; amplifier connection requires an adapter (sold separately; see below). 90-day warranty	Tin	International 10-20 Electrode Placement	1/pkg
021132	Medium	• • •				
021133	Small	• • •				
021134	Child	• • •				
021135	Infant	• • •				
021136	Baby	• • •				

waveguard connect adapters; at least one is required

021128	Adapter for Xltek and other EEG amplifiers not addressed below; DB25 male connector to individual touchproof connectors, 12.2" (31cm) cable length					1/pkg
085-481300	Adapter for Nicolet v32 and v44 amplifiers					1/pkg
503171NE	Adapter for Schwarzer/Deltamed Brainbox 1042 EEG amplifier (International only; not available in the US or Canada)					1/pkg

waveguard connect accessories

Part Number	Type/Description	Quantity
021122	Replacement chin strap with clips for head cap, length 0.8-5.5" (2-14cm)	1/pkg
021124	Chin pad for patients with pressure sensitivity; 70mm x 120mm, 1mm thick (Alternative to 021122)	1/pkg
021125	Blunted Needle, 18G x 1.0" (2.54cm) Cannula, Luer Lock, stainless steel, aluminum hub, autoclavable, sterile	25/pkg
021126	Monoject™ Syringe, 6mL, Luer Lock, autoclavable, for gel application	50/pkg
021127	Optional chest belt with connection to head cap, shoulder strap length 11.8-20.5" (30-52cm); adjustable chest strap length up to 27.6" (70cm)	1/pkg
021130	Repair kit for waveguard connect head caps includes: repair electrode set, top screw for waveguard electrode, wide silicone ring, electrode label set, fixation tool, solder	1/pkg
122-407000*	Electro-Gel™, 16oz (473ml)	1/pkg
122-409100*	Electro-Gel™, 128oz (3785ml)	1/pkg

*Not for sale in Canada

Size	Head Cap Sizing Fits Head Circumference (Range)
Large	22.1-24.1" (56-61cm)
Medium	20.1-22.1" (51-56cm)
Small	18.5-20.1" (47-51cm)
Child	16.9-18.5" (43-47cm)
Infant	15.4-16.9" (39-43cm)
Baby	14.2-15.4" (36-39cm)



021124 - Chin pad
(for patients with
pressure sensitivity)



122-407000 -
Electro-Gel, 16oz



122-409100 -
Electro-Gel, 128oz



Head Cap
example



021128



085-481300



021122



021125

021126



021127

EEG ELECTRODES

Electrode Caps

Universal Head Cap Systems*

None of the parts featured on this page are for sale in the US or Canada.

- Fully adjustable head caps assure personalized fit
- Wide range of adult and pediatric sizes
- Specialized electrodes and other components

Part Number	Type/Description	Quantity
9013E1122	Head Cap - Silicone Rubber - Transparent, 20cm, Infant	1/pkg
9013E1132	Head Cap - Silicone Rubber - Transparent, 24cm, Child	1/pkg
9013E1142	Head Cap - Silicone Rubber - Transparent, 30cm, Small Adult	1/pkg
999-200000	Head Cap - Silicone Rubber - Transparent, 34cm, Medium Adult	1/pkg
9013E1152	Head Cap - Silicone Rubber - Transparent, 40cm, Large Adult	1/pkg
9013E1212	Head Cap - Silicone Rubber - Transparent, 18cm	1/pkg
9013E1222	Head Cap - Silicone Rubber - Transparent, 22cm	1/pkg
9013E1232	Head Cap - Silicone Rubber - Transparent, 26cm	1/pkg
9013E1242	Head Cap - Silicone Rubber - Transparent, 28cm	1/pkg
9013E1252	Head Cap - Silicone Rubber - Transparent, 32cm	1/pkg
9013E1262	Head Cap - Silicone Rubber - Transparent, 37cm	1/pkg
9013E1712	Electrode Ear Clip, adjustable tension, Ag/AgCl, 1m lead	2/pkg
9013E1312	Monopode Bridge Electrodes, 2mm pin/crocodile, Adult blue	21/pkg
9013E1322	Monopode Bridge Electrodes, 2mm pin/crocodile, Adult blue	5/pkg
9013E1352	Monopode Bridge Electrodes, 2mm pin/crocodile, Adult red	21/pkg
9013E1362	Monopode Bridge Electrodes, 2mm pin/crocodile, Adult red	5/pkg
9013E1372	Monopode Bridge Electrodes, 2mm pin/crocodile, Child orange	21/pkg
9013E1382	Monopode Bridge Electrodes, 2mm pin/crocodile, Child orange	5/pkg
9013E1512	Cable for monopode bridge electrodes, 1m, 2mm spring pin to 1.5 mm female TP	21/pkg
918300	Cable for monopode bridge electrodes, 1m, 2mm spring pin to 1.5 mm female TP	10/pkg
9013E1522	Cable for monopode bridge electrodes, 1m, 2mm spring pin to 1.5 mm female TP	5/pkg
504701	Head Strap 360 x 14mm	5/pkg
504710	Forehead Strap Buttons, Short	10/pkg
504711	Forehead Strap Buttons, Long	10/pkg
507104	Covers for Z and Bridge Electrodes, 28mm diameter	50/pkg
507105	Fixing Cone 16mm inner diameter (for Z-Electrodes)	1/pkg
507109	Fixing Cone 14mm inner diameter (for Mushroom and Bridge Electrodes)	1/pkg
748040	O-Rings for EEG Electrodes	25/pkg

*None of the parts featured on this page are for sale in the US or Canada

See Page 43 for electrode leads

Disposable Sponge Disks

- Foam circles placed on forehead and other hairless areas
- Prevents gel from spreading between electrodes; absorbs perspiration
- Place on FP1 and FP2 to prevent head cap moving up the forehead
- Useful with infants to cushion sensitive skin

Part Number	Type	Quantity	Compatibility
ADE016*	Disposable Sponge Disk	100/pkg	Universal Head Cap Systems

*Not for sale in Canada



EEG CAPS

Integrated Head Cap Systems

BraiNet® Disposable EEG Set-up Template

- Eliminates measuring and marking electrode positions
- Color-coded design allows ICU/ER staff to set-up quickly and accurately
- Adjustable elastic assures symmetry/correct electrode placement

Part Number	Type	Quantity
022212	BraiNet Template/Adult/Child, Medium, 54cm-57cm	1/pkg
022213	BraiNet Template/Adult/Child, Large, 57cm-62cm	1/pkg
The following use a modified 10/20 electrode placement with 13 recording electrode locations, plus electrode locations for ground and reference:		
019-438400	BraiNet Template Baby 25-29cm	1/pkg
019-438500	BraiNet Template Baby 29.5-33cm	1/pkg
019-438600	BraiNet Template Baby 33.5-37cm	1/pkg
019-438700	BraiNet Template Baby 37.5-41cm	1/pkg
019-438800	BraiNet Template Baby 41.5-45cm	1/pkg
The following allows for full 10/20 placement with 19 recording electrode locations, plus electrode locations for ground and reference:		
019-438900	BraiNet Template 10/20 XSmall, 45.5-49cm	1/pkg
019-439000	BraiNet Template 10/20 Small, 49.5-54cm	1/pkg
019-439100	BraiNet Template 10/20 Child, 54.5-57cm	1/pkg
019-439200	BraiNet Template 10/20, Adult, 57.5-62cm	1/pkg

Part Number	Description	Quantity
019-437300	DVD BraiNet Template Set-Up ICU	1/pkg
019-437400	DVD BraiNet Continuous EEG in the ICU	1/pkg



Disposable EEG Disc Electrodes for BraiNet® Templates

- Color-coded to match BraiNet templates
- Each set of electrodes are packaged in four convenient packs: LEFT, RIGHT, REF, EKG

Part Number	Type/Description	Quantity
105590	Disposable EEG Disc Electrodes for BraiNet Original & Baby Templates	16/pkg



BraiNet® Color-Coded Headbox Overlay

- Overlays go directly on amps/headboxes for fast, easy setup when used with BraiNet templates

Part Number	Type/Description	Quantity	Compatibility
019-444000	BraiNet 10/20 Color-Coded Headbox Overlay	1/pkg	Nicolet v32 & v44 headboxes or Grass
500-P	BraiNet Original/Baby Color-Coded Headbox Overlay	1/pkg	Comet series personality modules



Adhesive Rings for Recording Electrodes

- Double-sided disposable adhesive rings

Part Number	Inner Diameter	Outer Diameter	Quantity
605112*	8mm	20mm	500/roll

*Not for sale in US & Canada



CORTICAL STIMULATION

Cortical Stimulation Probe



Natus® Disposable Cortical Stimulation Probe

- 15'(4.6m) cable terminating in touchproof connectors
- Bipolar probe for functional brain mapping in the operating room
- 5mm distance between probe heads, 2.2mm gold-plated ball tips

Part Number	Type	Lead Length	Quantity	Compatibility
222-496100	Cortical Stimulator Probe	15'(4.6m)	1/pkg	Nicolet Cortical Stimulator

ANCILLARY EEG SUPPLIES

Electrode Lead Extensions, Linkers/Jumpers, Lead Wires, Adapters



Reusable Touchproof Extension Cables

- Reusable touchproof male to touchproof female lead extension cables
- Six colors: green, blue, yellow, red, purple, gray

Part Number	Type	Lead Length	Quantity
019-431500	Extension Cables	39" (1m)	6/pkg
019-401100	Extension Cables	79" (2m)	6/pkg



3" Reusable Stackable Jumper/Linker Cables

- Stackable 1.5mm touchproof connectors, both male and female at both ends

Part Number	Type	Lead Length	Quantity
1451020	Jumpers/Linkers	3" (8cm)	4/pkg



6" Reusable Stackable Jumper/Linker Cables

- Stackable 1.5mm touchproof connectors, both male and female at both ends
- Three per set; one each red, black, green

Part Number	Type	Lead Length	Quantity
102108	Jumpers/Linkers	6" (15cm)	3/pkg



20" Reusable Stackable Jumper/Linker Cables

- Stackable 1.5mm touchproof connectors, both male and female at both ends
- Six per set; one each pink, gray, purple, blue, green, yellow

Part Number	Type	Lead Length	Quantity
019-433000	Jumpers/Linkers	20" (51cm)	1 set of 6/pkg



Reusable Jumper/Linker Cable

- One stackable 1.5mm male/female touchproof to three insulated female touchproof connectors

Part Number	Type	Lead Length	Quantity
1451055	Jumpers/Linkers	10" (25cm)	1/pkg



Reusable Jumper/Linker Cable

- One recessed 1.5mm male touchproof to four insulated female touchproof connectors

Part Number	Type	Lead Length	Quantity
1451034	Jumpers/Linkers	5" (12cm)	1/pkg

ANCILLARY EEG ITEMS

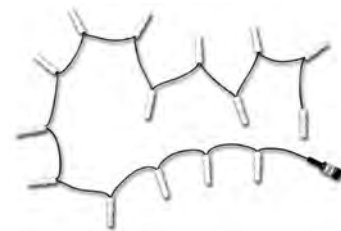
Electrode Lead Extensions, Linkers/Jumpers, Lead Wires, Adapters

Reusable Jumper/Linker Cable

- One recessed 1.5mm male touchproof to fifteen insulated female touchproof connectors
- Approximately 1.25" (4cm) between connectors, 18" (46cm) overall length

Part Number	Type	Lead Length	Quantity
11250*	Jumpers/Linkers	18" (46cm)	1/pkg

*US & Canada only



Reusable Jumper/Linker Cable

- Five recessed 1.5mm male touchproof to two insulated female touchproof connectors
- 9" (23cm) between first two female touchproof connectors, 3" (7.6cm) between following five male touchproof connectors

Part Number	Type	Lead Length	Quantity
11224	Jumpers/Linkers	24" (61cm)	1/pkg



Reusable Jumper/Linker Cable

- Two recessed 1.5mm male touchproof to one insulated female touchproof connector

Part Number	Type	Lead Length	Quantity
019-420100	Jumpers/Linkers	4" (10cm)	1/pkg



Reusable Y Cable

- 2-channel, 1 male to 2 female splitter

Part Number	Type	Electrode End	Instrument End	Lead Length	Quantity
630630*	Y Cable	1 x 1.5mm male touchproof connector	2 x 1.5mm female touchproof connectors	5.9" (150mm)	1/pkg

*Not for sale in US & Canada



Electrode Leads

Part Number	Length	Electrode End	Instrument End	Quantity	Compatibility
508832*	59" (1.5m)	4mm connector, black	1.5mm female touchproof connector, black	1/pkg	Bridge/Z/Mushroom electrodes, amplifiers; also used as adapters
508831*	31.5" (80cm)	2mm connector, black	1.5mm female touchproof connector, black	10/pkg	
508834*	31.5" (80cm)	2mm connector, red	1.5mm female touchproof connector, red	10/pkg	

*Not for sale in US & Canada



Touchproof Adapter

- Converts an unprotected 2mm male pin into a 1.5mm insulated female touchproof connector

Part Number	Type	Quantity
1451010	2mm male pin to 1.5 female touchproof	10/pkg



Touchproof Adapters

- Converts an insulated 1.5mm female touchproof connector to an unprotected 2mm male pin

Part Number	Type	Quantity
140420	1.5 female touchproof to 2mm male pin	10/pkg



ANCILLARY EEG ITEMS

Ancillary EEG Supplies



Electrode & Cable Holder

- Ideal for hanging electrodes or cables
- Rugged, steel construction with holes for easy mounting
- 11" (27cm) rack has 10 tines with 0.45" (1.1cm) spacing

Part Number	Type	Quantity
016-400700	Electrode Holder	1/pkg



ElectroBoot Sleeve for Electrode Wires

- Increases electrode life by reducing tangling, knotting and bending of electrode wires
- Washable and reusable

Part Number	Type	Lead Length	Quantity
105189	ElectroBoot	30" (0.75m)	1/pkg
105190	ElectroBoot	48" (1.22m)	1/pkg



The Electrode Claw

- Specifically designed for easy removal of those hard-to-extract electrodes from amplifiers and headboxes
- Reduces wear and tear on expensive electrodes as well as your fingers

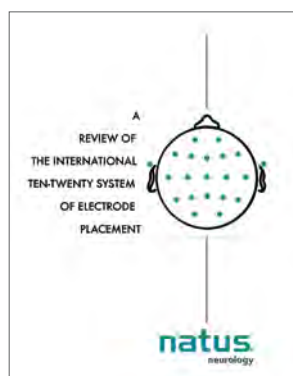
Part Number	Type	Quantity
105808	The Electrode Claw	1/pkg

EDUCATIONAL AIDS

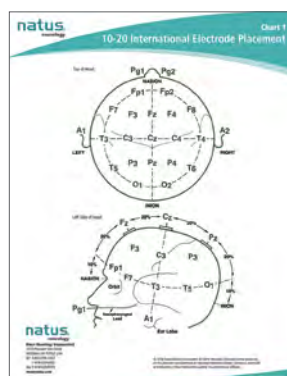
Electrode Placement Educational Material

- Reviews the International 10-20 System of electrode placement

Part Number	Type	Quantity
EDBOOK1	10-20 Booklet	1/pkg
EDCHART1	10-20 Chart	1/pkg



10-20 Booklet



10-20 Chart



Frequency Ruler

Part Number	Type	Quantity
EDAID1	Frequency Ruler	1/pkg



Natus IOM Supplies

IOM Electrodes • IOM Probes • Ancillary IOM Items

All electrodes, probes and cables in this section are compatible with systems that accept 1.5mm female touchproof connectors unless otherwise noted.

IOM ELECTRODES

Subdermal Needle Electrodes

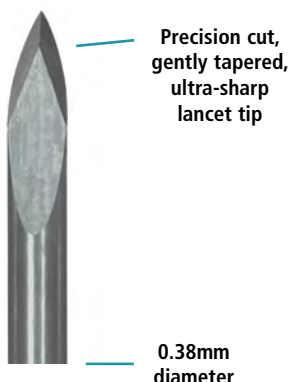
Natus® Ultra Disposable Subdermal Needle Electrodes

- Precision cut, gently tapered, ultra-sharp lancet tip for effortless skin penetration assuring optimal patient comfort
- High-tensile-strength, medical grade stainless steel needle for optimum strength and flexibility
- 1.5mm insulated female connector, touchproof (DIN 42 802)
- Individually packaged in sterile, pre-printed pouches for safety and easy identification

4 each of 6 Lead Wire Colors: 

2 each of 12 Lead Wire Colors: 

Part Number	Type	Needle Length/Diameter	Lead Wire Length	Quantity
019-476600	Stainless Steel, 6-color	14mm, 27G (0.38mm)	39" (1m)	1/pouch, 24/box
019-476800	Stainless Steel, 6-color	14mm, 27G (0.38mm)	59" (1.5m)	1/pouch, 24/box
019-477000	Stainless Steel, 6-color	14mm, 27G (0.38mm)	96" (2.5m)	1/pouch, 24/box
019-476700	Stainless Steel, 12-color	14mm, 27G (0.38mm)	39" (1m)	1/pouch, 24/box
019-476900	Stainless Steel, 12-color	14mm, 27G (0.38mm)	59" (1.5m)	1/pouch, 24/box
019-477100	Stainless Steel, 12-color	14mm, 27G (0.38mm)	96" (2.5m)	1/pouch, 24/box

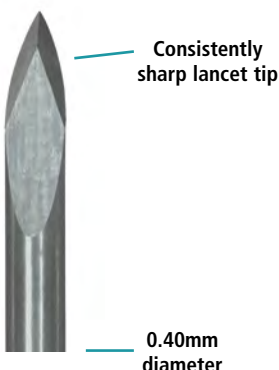


Natus® Classic Disposable Subdermal Needle Electrodes

- Medical grade stainless steel with consistently sharp tip for reliable insertion and patient comfort
- 1.5mm insulated female connector, touchproof (DIN 42 802)
- Individually packaged in sterile, pre-printed pouches

4 each of 6 Lead Wire Colors: 

Part Number	Type	Needle Length/Diameter	Lead Wire Length	Quantity
019-475800	Stainless Steel, 6-color	12mm, 27G (0.40mm)	39" (1m)	1/pouch, 24/box
019-475900	Stainless Steel, 6-color	12mm, 27G (0.40mm)	59" (1.5m)	1/pouch, 24/box
019-476000	Stainless Steel, 6-color	12mm, 27G (0.40mm)	96" (2.5m)	1/pouch, 24/box



DID YOU KNOW?

Archaeologists found evidence that primitive brain surgery, called trepanation, was performed as early as 2000 B.C. by drilling a hole in the skull

IOM ELECTRODES

Subdermal Needle Electrodes

Genuine Grass® Reusable Platinum Subdermal Needle Electrodes*

- Precision-sharpened platinum monopolar needle with low profile needle-to-wire joint
- Multi-colored, flexible Teflon coated lead wires terminating in 1.5mm touchproof connector
- Sterilize prior to use; compatible with steam and EtO sterilization
- Ten lead wire colors: 

Part Number	Type	Needle Length/Diameter	Lead Wire Length	Quantity
F-E2-12	Platinum, 10-color	10mm/30G	12" (30.5cm)	10/box
F-E2-24	Platinum, 10-color	10mm/30G	24" (61cm)	10/box
F-E2-30	Platinum, 10-color	10mm/30G	30" (76cm)	10/box
F-E2-48	Platinum, 10-color	10mm/30G	48" (122cm)	10/box
F-E2-72	Platinum, 10-color	10mm/30G	72" (183cm)	10/box

*Not for sale in countries that require CE marking or RoHS compliance



Natus® Disposable Twisted Pair Subdermal Needle Electrodes

- Designed to improve signal quality in electrically hostile areas such as OR and ICU
- Lead wires terminate in 1.5mm touchproof connectors
- 103031 - Blue, orange, yellow, green and red lead wires paired with black and white lead wires (5 color combinations; 4 sets of each; 20 total twisted pairs)
- 019-475700 & 019965 - Red, blue, yellow, green, orange and purple lead wires paired with black and white lead wires (6 color combinations; 2 sets of each; 12 total twisted pairs)

Part Number	Type	Needle Length/Diameter	Lead Wire Length	Quantity
103031	Stainless Steel	13mm/27G	59" (1.5m)	20 pouches/pkg
019-475700	Stainless Steel	12mm/27G	79" (2m)	12 pouches/pkg
019965	Stainless Steel	14mm/27G (0.38mm)	96" (2.5m)	12 pouches/pkg



Scalp Needle Electrodes

Reusable Platinum Scalp Needle Electrode

- Platinum scalp needle electrodes
- Autoclavable
- Sterilize prior to use

Part Number	Length	Diameter	Electrode End	Quantity	Compatible Cables
9013L0702	0.4" (10mm)	0.30mm (30G)	0.7mm male touchproof	1/pkg	9013C0152, 9013C0242 (see page 8)



Disposable Scalp Needle Electrode

- Pre-sterilized stainless steel needle electrode

Part Number	Length	Diameter	Electrode End	Quantity	Compatible Cables
9013R0313	0.4" (10mm)	0.30mm (30G)	0.7mm male touchproof	40/pkg	9013C0112, 9013C0122, 9013C0152, 9013C0242 (see page 8)



IOM ELECTRODES

Corkscrew Electrodes



Disposable Corkscrew Electrodes

- 47" (1.2m) lead wire length, 1cm hub
- Lead wires terminate in 1.5mm touchproof connectors

Part Number	Type	Lead Wire Colors	Quantity
017505	Corkscrew	4 each: 	1 electrode/pouch; 24 pouches/pkg



Disposable Twisted Pair Corkscrew Electrodes

- 47" (1.2m) lead wire length, 1cm hub
- Lead wires terminate in 1.5mm touchproof connectors

Part Number	Type	Lead Wire Colors	Quantity
017506	Twisted Pair Corkscrew	1 Each: White +  1 Each: Black + 	1 pair/pouch; 12 pouches/pkg

Hook-Wire Electrodes



Disposable Hook-Wire Electrodes

- Hook-wire electrodes feature 12.5cm of 44g (0.05mm) insulated nickel alloy wire
- Paired hook-wire electrodes: Ends of wires positioned so 2mm of 1 wire and 5mm of the second wire exit at end of needle. The first wire is stripped 2mm, the second wire is insulated for 3mm after it exits the needle and then stripped 2mm
- Single hook-wire electrodes: End of wire is positioned so 5mm of wire exits the end of needle and is bent back. The end of wire is insulated 3mm and stripped 2mm
- Pre-sterilized

Part Number	Type	Length	Diameter	Quantity	Compatible Cables
019-475300	Single	30mm	27G	20/pkg	085-416800 Micrograbbers (see page 52)
019-475400	Paired	30mm	27G	20/pkg	085-416800 Micrograbbers (see page 52)

Strip & Grid Electrodes

Pre-Sterilized Disposable Strip & Grid Electrodes

- For electrocorticography, cortical stimulation and other IOM procedures
- Thin, flexible silicone electrodes have platinum contact discs with 1cm spacing and numeric labels
- Lead wires terminate in 1.5mm touchproof connectors
- Not for implantation

Part Number	Type	Lead Length	Quantity
MS08N-LP10X-0JF	1X8 Strip	59" (1.5m)	1/pkg
MS04N-LP10X-0JF	1X4 Strip	59" (1.5m)	1/pkg
FG08A-LP10X-0JF	2X4 Grid	59" (1.5m)	1/pkg



IOM ELECTRODES

Nasopharyngeal Electrodes

Reusable Ball/Pedicle Screw Electrode

- Applications include: nasopharyngeal recordings, peripheral motor nerves, spinal nerves and assessing pedicle screw placement
- 3mm ball-tip connects to pliable, insulated shank that maintains shape when flexed
- Lead wire terminates in 1.5mm touchproof connectors
- Sterilize prior to use

Part Number	Type	Shank	Lead Length	Quantity
019-404800	Gold	4" (100mm)	59" (1.5m)	1/pkg
019-404900	Gold	6" (150mm)	59" (1.5m)	1/pkg
019-416500	Silver	6" (150mm)	59" (1.5m)	1/pkg
019-416700	Ag/AgCl	6" (150mm)	59" (1.5m)	1/pkg

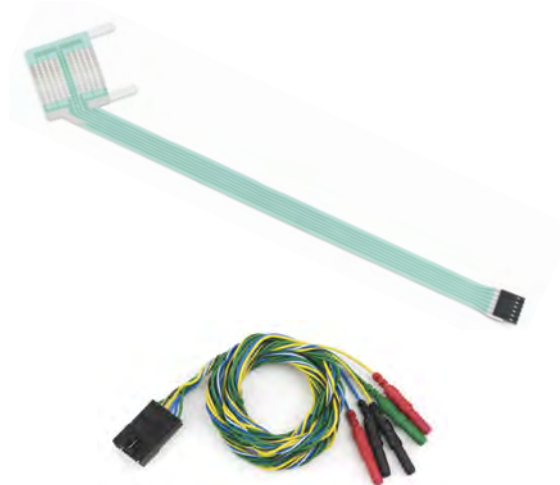


Laryngeal Electrodes

Lantern Laryngeal Electrodes

- Conforms to all vocal cord positions and provides gentle, self-regulating pressure to cords
- Provides excellent discrimination between the cords
- Can be used with any multi-channel monitor that accepts standard 1.5mm touchproof connectors
- Flexible: sizes fit 4mm to 9mm endotracheal tubes
- Single use, sterile

Part Number	Type	Size	Quantity
023045	Lantern laryngeal electrode with reusable cable	8/9mm	10/pkg
023046	Lantern laryngeal electrode with reusable cable	6/7mm	10/pkg
023047	Lantern laryngeal electrode with reusable cable	4/5mm	10/pkg



Reusable connection cable for Lantern Laryngeal Electrodes

Part Number	Type	Length	Quantity
023048	Reusable connection cable	39" (1m)	1/pkg



DID YOU KNOW?

It takes 17 muscles to smile and 43 to frown

IOM PROBES

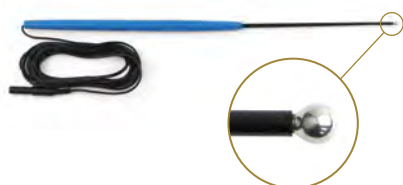
Probes – Disposable



Disposable Epidural Spinal Electrode

- Intended as a recording electrode for monitoring intraoperative spinal cord evoked potentials
- Monopolar electrode; must be referenced to another electrode
- 5mm long, 1mm diameter round stainless steel tip on a 120mm flexible Teflon wire which attaches to a 1m silicone lead terminating in a 1.5mm touchproof connector
- Sterile; individually packaged

Part Number	Lead Length	Quantity
CEDL-1PDINX-000	39" (1m)	1/pkg



Disposable Ball Tip Direct Nerve Stimulator Probe

- 2.3mm tip diameter
- 80-150mm probe shaft effective length

Part Number	Lead Length	Quantity
017507	79" (2.0m)	1/pkg



Disposable Concentric Direct Nerve Stimulator Probe – Adjustable Tip

- 1.3mm tip diameter
- 80-120mm probe shaft effective length

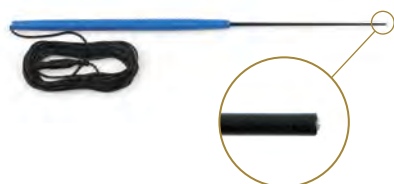
Part Number	Lead Length	Quantity
017508	79" (2.0m)	1/pkg



Disposable Bipolar Direct Nerve Stimulator Probe

- 0.8mm tip diameter
- 80-120mm probe shaft effective length

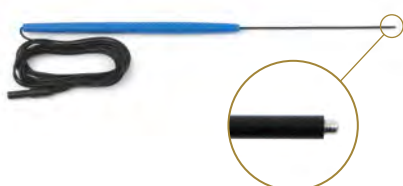
Part Number	Lead Length	Quantity
017509	79" (2.0m)	1/pkg



Disposable Flush Tip Direct Nerve Stimulator Probe

- 0.8mm tip diameter
- 80-150mm probe shaft effective length

Part Number	Lead Length	Quantity
017510	79" (2.0m)	1/pkg



Disposable Monopolar Direct Nerve Stimulator Probe

- 0.8mm tip diameter
- 80-120mm probe shaft effective length

Part Number	Lead Length	Quantity
017511	79" (2.0m)	1/pkg

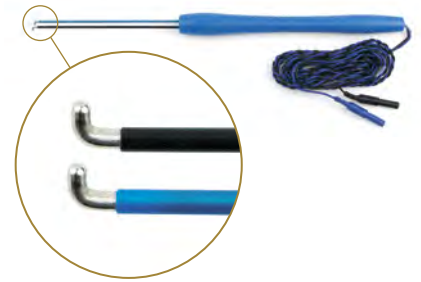
IOM PROBES

Probes – Disposable

Disposable Right Angle Double Hook Probe

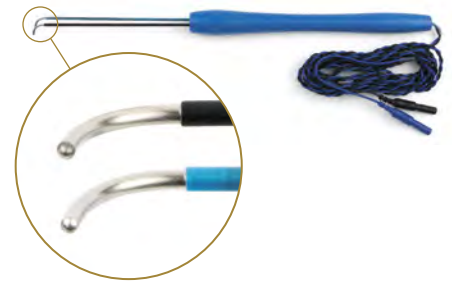
- 1.2mm probe diameter
- 70-120mm probe shaft effective length
- 90° double hook
- 5mm probe shaft spacing

Part Number	Lead Length	Quantity
017512	79" (2.0m)	1/pkg

**Disposable Double Hook Nerve Stimulator Probe**

- 1.2mm probe diameter
- 70-120mm probe shaft effective length
- 100° double hook
- 5mm probe shaft spacing

Part Number	Lead Length	Quantity
017513	79" (2.0m)	1/pkg

**Disposable Triple Hook Nerve Stimulator Probe**

- 1.2mm probe diameter
- 70-120mm probe shaft effective length
- 100° triple hook arc
- 5mm probe shaft spacing

Part Number	Lead Length	Quantity
017514	79" (2.0m)	1/pkg



ANCILLARY IOM ITEMS

Electrode Lead Extensions & Adapters



Reusable Extension Cable – Twisted

- Perfect for electrode pairs needing additional lead wire length
- Red and black twisted lead wires terminating in 1.5mm male and female touchproof connectors

Part Number	Lead Length	Quantity
019-408400	39" (1m)	1/pkg
019-432200	79" (2m)	1/pkg



Micrograbbers

- For use with disposable hook-wire electrodes
- Black lead wires terminating in micrograbbers and 1.5mm touchproof connectors

Part Number	Lead Length	Quantity
085-416800	79" (2m)	1 set/pkg



Rhizotomy Hook Cables

- For use with rhizotomy hooks or a rhizotomy stimulator probe
- Red and black lead wires terminate in 2-56 threaded connectors and 1.5mm touchproof connectors
- May be steam-sterilized prior to use

Part Number	Lead Length	Quantity
085-460000	118" (3m)	1 pair/pkg



Reusable InLine RF Filter

- Provides RF protection on an individual electrode basis
- Terminates in male and female touchproof connectors

Part Number	Lead Length	Quantity
019-421500	9" (22cm)	2/pkg



Natus Sleep Supplies

Sensors • Cannulas • Ancillary Sleep Supplies

SENSORS

Respiratory Effort

Natus® XactTrace® Respiratory Effort Systems

XactTrace is a comprehensive family of respiratory inductance plethysmography (RIP) effort belt systems, providing a range of sizes and solutions, in both Universal and Embla versions.

System options include:

- ① Reusable (pp. 54, 55)
- ② Single Use Cut-to-Fit (pp. 55, 56)
- ③ Single Use Pre-Sized (pp. 56, 57)

XactTrace® Universal Kit – Belts, Kits & Components

- For use with non-Embla PSG systems
- Reusable, one size fits all
- Integrated battery power; no cumbersome in-line modules

1

XactTrace Universal Belts & Belt Kits*					
Part Number	Type/Description	Length	Connector	Quantity	Compatibility
1421091	XactTrace Universal Kit – Complete (includes abdomen & thorax belts, abdomen & thorax snap sensors, two universal cables)	n/a	n/a	1 kit/pkg	Non-Embla systems that accept 1.5mm touchproof connectors
1421080	XactTrace Universal Abdomen Kit (belt, sensor, cable)	n/a	n/a	1 kit/pkg	
1421081	XactTrace Universal Thorax Kit (belt, sensor, cable)	n/a	n/a	1 kit/pkg	
1421040	XactTrace Adjustable Universal Belt	27-79" (65-200cm)	n/a	1/pkg	
XactTrace Universal Snap Sensors					
1421026	XactTrace Universal Snap Sensor - Abdomen	n/a	n/a	1/pkg	Non-Embla systems that accept 1.5mm touchproof connectors
1421027	XactTrace Universal Snap Sensor - Thorax	n/a	n/a	1/pkg	
XactTrace Universal Cable					
1451080	XactTrace Universal Cable	92.5" (235cm)	1.5mm touchproof	1/pkg	Non-Embla systems that accept 1.5mm touchproof connectors

*Also compatible with Embla SD32 systems

XactTrace® Reusable Belts for Embla® Systems

- Plugs directly into Embla PSG systems; no additional modules required
- Low profile lock assures patient comfort
- Small, medium and large sizes available

① XactTrace Reusable Belts				
Part Number	Belt Type/Description	Cable Length/Connector	Quantity	Compatibility
1421032	Small Abdomen, 22" (57cm) to 41" (104cm)	27.5" (70cm), yellow 2-pin key	1/pkg	Embla N7000, Embletta (all models), Embla titanium
1421033	Small Thorax, 22" (57cm) to 41" (104cm)	15.7" (40cm), blue 2-pin key	1/pkg	Embla N7000, Embletta (all models), Embla titanium
1421034	Medium Abdomen, 33" (83cm) to 56" (142cm)	27.5" (70cm), yellow 2-pin key	1/pkg	Embla N7000, Embletta (all models), Embla titanium
1421035	Medium Thorax, 33" (83cm) to 56" (142cm)	15.7" (40cm), blue 2-pin key	1/pkg	Embla N7000, Embletta (all models), Embla titanium

Table continued on next page



SENSORS

Respiratory Effort

XactTrace® Reusable Belts for Embla® systems (continued from previous page)

XactTrace Reusable Belts				
Part Number	Belt Type/Description	Cable Length/Connector	Quantity	Compatibility
1421036	Large Abdomen, 47" (120cm) to 76" (194cm)	27.5" (70cm), yellow 2-pin key	1/pkg	Embla N7000, Embletta (all models), Embla titanium
1421037	Large Thorax, 47" (120cm) to 76" (194cm)	15.7" (40cm), blue 2-pin key	1/pkg	Embla N7000, Embletta (all models), Embla titanium
1421038	Medium Thorax, 33" (83cm) to 56" (142cm)	78" (200cm), blue 2-pin key	1/pkg	Embla S4000/S4500 systems
1421039	Medium Abdomen, 33" (83cm) to 56" (142cm)	78" (200cm), yellow 2-pin key	1/pkg	Embla S4000/S4500 systems
1421041	Small Thorax, 22" (57cm) to 41" (104cm)	78" (200cm), blue 2-pin key	1/pkg	Embla S4000/S4500 systems
1421042	Small Abdomen, 22" (57cm) to 41" (104cm)	78" (200cm), yellow 2-pin key	1/pkg	Embla S4000/S4500 systems
1421043	Large Thorax, 47" (120cm) to 76" (194cm)	78" (200cm), blue 2-pin key	1/pkg	Embla S4000/S4500 systems
1421044	Large Abdomen, 47" (120cm) to 76" (194cm)	78" (200cm), yellow 2-pin key	1/pkg	Embla S4000/S4500 systems



XactTrace® Single Use Cut-to-Fit Universal Belts, Kits & Components

- Configurations for non-Embla PSG systems (see cut-to-fit options for Embla PSG Systems on Page 54)
- Customized sizing for each patient; especially useful for infants and bariatric patients
- Complete kit includes: abdomen single use lock, thorax single use lock, abdomen reusable processor, thorax reusable processor, two rolls XactTrace single use cut-to-fit belt material
- Purchasable options: abdomen and thorax locks, cut-to-fit belt material, RIP processors and kits (lock, processor, cut-to-fit belt material)

2

XactTrace Single Use Cut-to-Fit Belt Rolls				
Part Number	Type	Roll Length	Quantity	Compatibility
1421000	XactTrace Single Use Cut-to-Fit Belt Material	65.5' (20m)	1 roll/pkg	Most PSG systems
XactTrace Single Use Cut-to-Fit Belt Kits*				
Part Number	Type/Description	Cable Length/Connector	Quantity	Compatibility
1421050	XactTrace Universal Single Use Cut-to-Fit Abdomen Kit (lock, processor & 1 roll of belt material)	n/a	1 kit/pkg	Non-Embla systems that accept 1.5mm touchproof connectors
1421051	XactTrace Universal Single Use Cut-to-Fit Thorax Kit (lock, processor & 1 roll of belt material)	n/a	1 kit/pkg	
1421052	XactTrace Universal Single Use Cut-to-Fit Belt Kit - Complete	n/a	1 kit/pkg	
Locks for XactTrace Single Use Cut-to-Fit Belts				
Part Number	Type/Description	Cable Length/Connector	Quantity	Compatibility
1421020	Abdomen	27.5" (70cm), yellow 2-pin key	1/pkg	Non-Embla systems that accept 1.5mm touchproof connectors. Requires 1421047 or 1421048 processor.
1421022	Thorax	15.7" (40cm), blue 2-pin key	1/pkg	
RIP Processors for XactTrace Single Use Cut-to-Fit Belts				
Part Number	Type/Description	Cable Length/Connector	Quantity	Compatibility
1421047	XactTrace RIP Processor Sensor, Thorax	78" (200cm) 1.5mm touchproof	1/pkg	Non-Embla systems that accept 1.5mm touchproof connectors
1421048	XactTrace RIP Processor Sensor, Abdomen	78" (200cm) 1.5mm touchproof	1/pkg	



1421000



1421020



1421022



1421048



1421047

*Also compatible with Embla SD32 system

International Orders: Contact Local Distributor

SENSORS

Respiratory Effort

XactTrace® Single Use Cut-to-Fit Belts & Components for Embla® Systems

- Configurations for Embla PSG systems only (see Universal cut-to-fit options on Page 53)
- Customized sizing for each patient; especially useful for infants and bariatric patients
- Purchasable options: abdomen and thorax locks, cut-to-fit belt material and cable extensions

2 XactTrace Single Use Cut-to-Fit Belt Rolls				
Part Number	Type	Roll Length	Quantity	Compatibility
1421000	XactTrace Single Use Cut-to-Fit Belt Material	65.5' (20m)	1 roll/pkg	XactTrace Single Use Locks
Locks for XactTrace Single Use Cut-to-Fit Belts				
Part Number	Type/Description	Cable Length/Connector	Quantity	Compatibility
1421020	Abdomen	27.5" (70cm), yellow 2-pin key	1/pkg	Embla N7000, Embla S4000/S4500, Embletta (PDS, 128, X100, MPR), Embla titanium, RIP processor
1421021	Abdomen	27.5" (70cm), yellow 2-pin key with built-in Embletta Gold Inline Inductor	1/pkg	Embletta Gold only
1421022	Thorax	15.7" (40cm), blue 2-pin key	1/pkg	Embla N7000, Embla S4000/S4500, Embletta (PDS, 128, X100, MPR), Embla titanium, RIP processor
1421023	Thorax	15.7" (40cm), blue 2-pin key with built-in Embletta Gold Inline Inductor	1/pkg	Embletta Gold only
Cable Extensions for XactTrace Single Use Cut-to-Fit Belts				
Part Number	Type	Cable Length/Connector	Quantity	Compatibility
1451070	Abdomen	78" (200cm), yellow 2-pin key	1/pkg	Embla S4000/S4500 systems
1451072	Thorax	78" (200cm), blue 2-pin key	1/pkg	Embla S4000/S4500 systems

XactTrace® Single Use Pre-Sized Universal Belts & Components

- Configurations for non-Embla PSG Systems
- Same high quality RIP technology as XactTrace reusable belts
- No threading of material into the lock is required
- Available in four convenient standard sizes
- Pre-attached snap terminals for quick, easy set up (snap sensors required; sold separately)

3 XactTrace Single Use Pre-Sized Universal RIP Belts			
Part Number	Type/Description	Quantity	Compatibility
011516	XactTrace Pre-Sized Single Use Belt, Pediatric	20/box (10 packs of 2)	XactTrace Pre-Sized Single Use Snap Sensors
011517	XactTrace Pre-Sized Single Use Belt, Small	20/box (10 packs of 2)	
011518	XactTrace Pre-Sized Single Use Belt, Medium	20/box (10 packs of 2)	
011520	XactTrace Pre-Sized Single Use Belt, Large	20/box (10 packs of 2)	
Snap Sensors and RIP Processors for XactTrace Single Use Pre-Sized Universal Belts			
Part Number	Type/Description	Quantity	Compatibility
011521	XactTrace Snap Sensor, Abdomen, 26" (66cm) cable, yellow 2-pin key connector	1/pkg	XactTrace Pre-Sized Belts & RIP Processors
011522	XactTrace Snap Sensor, Thorax, 16" (41cm) cable, blue 2-pin key connector	1/pkg	
1421048	XactTrace RIP Processor Sensor, Abdomen, 78" (200cm) cable, 1.5mm female touchproof connectors	1/pkg	XactTrace RIP Processors & most PSG systems that accept 1.5mm female touchproof connectors
1421047	XactTrace RIP Processor Sensor, Thorax, 78" (200cm) cable, 1.5mm female touchproof connectors	1/pkg	



SENSORS

Respiratory Effort

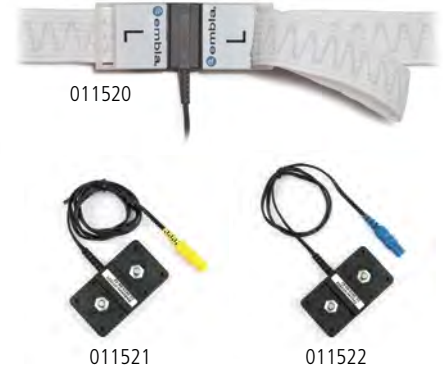
XactTrace® Single Use Pre-Sized Belts & Components for Embla® Systems

- For use with Embla systems only
- Same high quality RIP technology as XactTrace reusable belts
- No threading of material into the lock is required
- Available in four convenient standard sizes
- Pre-attached snap terminals for quick, easy set up (snap sensors required; sold separately)

3

XactTrace Single Use Pre-Sized Belts				
Part Number	Size	Connector	Quantity	Compatibility
011516	Pediatric	XactTrace Snap Sensors in this table	20/box (10 packs of 2)	Embla N7000, titanium, Embletta (all models*), Embla S4000/S4500 systems
011517	Small	XactTrace Snap Sensors in this table	20/box (10 packs of 2)	
011518	Medium	XactTrace Snap Sensors in this table	20/box (10 packs of 2)	
011520	Large	XactTrace Snap Sensors in this table	20/box (10 packs of 2)	
Snap Sensors for XactTrace Single Use Pre-Sized Belts				
Part Number	Description	Cable Length/Connector	Quantity	Compatibility
011521	Abdomen	26" (66cm), yellow 2-pin key	1/pkg	Embla N7000, Embletta (all models), Embla titanium
011522	Thorax	16" (41cm), blue 2-pin key	1/pkg	Embla N7000, Embletta (all models), Embla titanium
013224	Abdomen	78" (200cm), yellow 2-pin key	1/pkg	All Embla systems
013225	Thorax	78" (200cm), blue 2-pin key	1/pkg	All Embla systems

*Embletta Gold also requires part 013382, the Embletta Gold In-line Inductor, 4" (10cm) cable



XactTrace® Single Use Pre-Sized Belt Sizing

Choosing a Belt Size

- XactTrace Single Use Pre-Sized Belts come in four sizes: Pediatric, Small, Medium and Large
- Belt length can be adjusted to assure a good fit
- Belts should fit patients snugly without being uncomfortably tight
- Measure each patient's circumference and use the table below as a guideline

3 XactTrace Single Use Pre-Sized Belt Sizing	
Size	Fits Patient Circumference (Size Range)
Pediatric	11-22" (28-56cm)
Small	16-35" (40-89cm)
Medium	30-55" (76-140cm)
Large	40-75" (102-190cm)



DID YOU KNOW?

Humans are the only mammals that willingly delay sleep

SENSORS

Respiratory Effort

Respiratory Inductance Plethysmography Belts & Cables

- 5 color-coded sizes fitting a wide range of patients
- Soft, flexible, reusable belts are machine washable, sterilizable
- Simple snap connectors and interface cables
- Plug-and-play replacement RIP interface cables



Respiratory Inductance Plethysmography Belts

Part Number	Size	Colors	Quantity	Compatibility
4140090	Infant Small 15.7" (40cm)	White/Gray	2/pkg	Most systems that accept 1.5mm touchproof connectors & RIP Interface Cables listed below
4140089	Pediatric Medium 23.6" (60cm)	White/Red	2/pkg	
4140088	Adult Large 35.4" (90cm)	White/Blue	2/pkg	
4140087	Adult XL 47.2" (120cm)	White/Black	2/pkg	
4140114	Adult XXL 59" (150cm)	White/Yellow	2/pkg	

Respiratory Inductance Plethysmography Interface Cables

Part Number	Type	Lead Wire Length	Connector	Quantity	Compatibility
9101G*	Abdomen	78" (200cm)	1.5mm touchproof	1/pkg	Grass Comet-PLUS PSG systems
9102G*	Chest	78" (200cm)	1.5mm touchproof	1/pkg	Grass Comet-PLUS PSG systems
9131	Abdominal	8" (20cm)	Key	1/pkg	Grass AURA PSG & AURA PSG LITE
9132	Chest	8" (20cm)	Key	1/pkg	Grass AURA PSG & AURA PSG LITE
4140095	Abdomen	78" (200cm)	1.5mm touchproof	1/pkg	Most systems that accept 1.5mm touchproof connectors
4140096	Chest	78" (200cm)	1.5mm touchproof	1/pkg	Most systems that accept 1.5mm touchproof connectors

*Reduced output signal for Grass PSG systems



Adjustable Respiratory Inductance Plethysmography Belt Kit

- One size fits all (Adult)
- Reusable & easy to clean
- High quality, comfortable material
- Kit 019-481100 includes two adult-size adjustable RIP belts (shown at left), one 4140095 abdomen interface cable and one 4140096 chest interface cable

Part Number	Type	Belt Dimensions	Quantity	Compatibility
019-481100	Adjustable RIP Kit, Adult	23.6" (60cm) minimum to 55" (140cm) maximum	1 kit/pkg	Most systems that accept 1.5mm touchproof connectors

SENSORS

Piezo Respiratory Effort Belts

Piezo Crystal Effort Sensor – Double Buckle

- One Piezo crystal effort sensor – double buckle
- One large elastic double buckle belt

Part Number	Type	Belt Length	Lead Wire Length	Quantity	Compatibility
1421102	Chest or Abdomen	Large - 1" (2.5cm) x 67" (170.2cm)	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors
1370G-KIT	Chest or Abdomen	Large - 1" (2.5cm) x 67" (170.2cm)	78" (200cm)	1/pkg	Reduced output signal for Grass PSG systems that accept 1.5mm touchproof connectors
1421101	Abdomen	Large - 1" (2.5cm) x 67" (170.2cm)	27.6" (70cm)	1/pkg	Yellow (abdomen) key for Embla
1421100	Chest	Large - 1" (2.5cm) x 67" (170.2cm)	15.7" (40cm)	1/pkg	Blue (chest) key for Embla



Piezo Crystal Effort Sensor Kit – Velcro® Tab

- One Piezo crystal effort sensor – double tab
- Two elastic tab belts; one small and one pediatric

Part Number	Type	Belt Lengths	Lead Wire Length	Quantity	Compatibility
1388G-KIT	Chest or Abdomen	Small 1" (2.5cm) x 35" (88.2cm) Pediatric 1" (2.5cm) x 18" (45.7cm)	78" (200cm)	1 kit/pkg	Reduced output signal for Grass PSG systems that accept 1.5mm touchproof connectors



Piezo Film/Crystal Effort Sensor Kit – Double Loop

- One Piezo crystal effort sensor – double loop
- Two elastic belts; one large and one extra large

Part Number	Type	Belt Lengths	Lead Wire Length	Quantity	Compatibility
019-479600	Chest or Abdomen, Piezo film	Large 1.5" (3.8cm) x 52" (132.1cm) XL 1.5" (3.8cm) x 75" (190.5cm)	78" (200cm)	1 kit/pkg	Most systems that accept 1.5mm touchproof connectors



Infant Piezo Beltless Effort Sensor

- Apply with adhesive tape

Part Number	Size	Lead Wire Length	Quantity	Compatibility
005732	Infant	7' (2.1m)	1/pkg	Most systems that accept 1.5mm touchproof connectors



SENSORS

Airflow

Thermistor Airflow Sensor

- Flexible, rubber coated probes for oral (one) and nasal (two)

Part Number	Type	Size	Lead Wire Length	Quantity	Compatibility
1420435	Single Channel Oral/Nasal	Adult	78" (200cm)	1/pkg	Embla systems with key connectors
1420430	Single Channel Oral/Nasal	Adult	38" (96.5cm)	1/pkg	Embla systems with key connectors
019-480400	Single Channel Oral/Nasal	Adult	35.5" (90cm)	1/pkg	Embla systems with key connectors
019-480600	Single Channel Oral/Nasal	Adult	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors

Thermocouple Airflow Sensor

- Flexible, rubber coated probes for oral (one) and nasal (two)

Part Number	Type	Size	Lead Wire Length	Quantity	Compatibility
1401G	Single Channel Oral/Nasal	Adult	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors
019-481000	Two Channel Oral/Nasal	Adult	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors
019-480800	Two Channel Oral & Nasal	Adult	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors
019-480900	Two Channel Oral & Nasal	Pediatric	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors

Thermocouple Airflow Sensor for Cannula

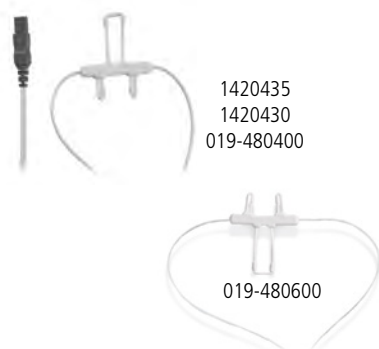
- Hooks to any adult nasal cannula
- Adjustable prongs for stable recordings and patient comfort

Part Number	Type	Size	Lead Wire Length	Quantity	Compatibility
1401G-H	Single Channel Oral/Nasal	Adult	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors
1421-H	Single Channel Oral/Nasal	Adult	48" (122cm)	1/pkg	Key - for Grass AURA PSG & AURA PSG LITE

Pediatric Thermocouple Airflow Sensor

- Stiff bendable prongs allow optimal patient comfort and signal quality

Part Number	Type	Size	Lead wire Length	Quantity	Compatibility
1420406	Single Channel Oral/Nasal	Pediatric	78" (200cm)	1/pkg	Embla systems with key connectors



SENSORS

Airflow

ThermoCan™ Integrated Thermal/Pressure Sensor

- All-in-one, thermal and pressure design for optimal patient comfort
- Disposable; no cleaning or breakage potential
- Complies with AASM recommendations for nasal and nasal/oral temperature monitoring

Part Number	Type	Length	Quantity	Compatibility
500102	ThermoCan Interface Cable, touchproof connector	78" (200cm)	1/pkg	Cannulas designed for ThermoCan; most systems that accept 1.5mm touchproof connectors
500101	ThermoCan Interface Cable, key connector	78" (200cm)	1/pkg	Cannulas designed for ThermoCan; Embla systems that accept key connectors
500103	ThermoCan Interface Cable, key connector	33.5" (85cm)	1/pkg	
500104	ThermoCan Thermal Cannula, Adult	7' (214cm)	50/pkg	All ThermoCan sensors
500105	ThermoCan Thermal Cannula, Adult	2' (61cm)	50/pkg	All ThermoCan sensors
023121	ThermoCan Interface Cable, touchproof connector	85" (216cm)	1/pkg	Cannulas designed for ThermoCan; most systems that accept 1.5mm touchproof connectors
023122	ThermoCan Interface Cable, key connector	85" (216cm)	1/pkg	Cannulas designed for ThermoCan; Embla systems that accept key connectors
023123	ThermoCan Thermal Cannula, Small Pediatric	7' (214cm)	25/pkg	All ThermoCan sensors
023124	ThermoCan Thermal Cannula, Large Pediatric	7' (214cm)	25/pkg	All ThermoCan sensors



CannuTherm™ Integrated Thermal/Pressure Sensor

- Attaches to cannula; special port holds the thermal sensor
- Eliminates need to tape separate sensors together
- Complies with AASM recommendations for nasal pressure and nasal/oral temperature monitoring

Part Number	Type	Length	Quantity	Compatibility
105778*	CannuTherm	78" (200cm) lead wire	1 sensor & 5 cannulas/pkg	Cannulas designed for CannuTherm, Most systems that accept 1.5mm touchproof connectors
105750	Replacement adult nasal cannula	7' (214cm) cannula length	25/pkg	



*US only



ThermiSense® Sensor Kits

Kit includes:

- Oral/Nasal Thermistor
- Nasal cannula with holder
- Oral/Nasal cannula with holder
- Filter

Part Number	Type	Sensor Lead Wire Length	Cannula Length	Quantity	Compatibility
1420124	Adult	84" (214cm)	84" (214cm)	1/pkg	Embla systems with key connectors
1420129	Adult	30" (76.2cm)	84" (214cm)	1/pkg	
1420126	Pediatric	30" (76.2cm)	84" (214cm)	1/pkg	
1420127	Pediatric	84" (214cm)	84" (214cm)	1/pkg	



SENSORS

Airflow

Ultima Thermister Airflow Sensor

- Comfortable design: no prongs to go up the nose

Part Number	Type	Size	Lead Wire Length	Quantity	Compatibility
005890	Oronasal	Adult	71" (210cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors
ACE171	Oronasal	Pediatric (ages 1-10 years)	71" (210cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors

Disposable Embla® BreathSensor® Airflow Thermistor

- Saves time and money by eliminating the need for cleaning and sterilization

Part Number	Type	Size	Quantity	Compatibility
4140118	Single Channel Oral/Nasal	Adult	24/pkg	All BreathSensor Cables listed below
4140119	Single Channel Oral/Nasal	Children & Small Adults	24/pkg	
4140121	Single Channel Oral/Nasal	Infant	24/pkg	
4140120	Single Channel Oral/Nasal	Preemie	24/pkg	

Requires cable from table below

BreathSensor® Cables

- Cable includes a battery pack

Part Number	Length	Connectors	Quantity	Compatibility
1420446	78" (200cm)	key connector	1/pkg	Embla S4500, Embla N7000, Embletta Gold
1420447	23" (58cm)	key connector	1/pkg	Embletta MPR
1420448	78" (200cm)	key connector	1/pkg	Embletta MPR
4140069	78" (200cm)	1.5mm touchproof	1/pkg	Embla SD32; most systems that accept 1.5mm touchproof connectors

4140069



1420446



1420447



DID YOU KNOW?

The sound of snoring is the result of air turbulence vibrating the structures in the upper airway; these sounds can range from 50 – 100 decibels

SENSORS

Snore Sensors

Piezo Snoring Sensor

- Records vibration in the neck using a round, flexible thermo-plastic disc

Part Number	Type	Lead Wire Length	Quantity	Compatibility
1420610	Snore, Piezoelectric	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors
1420615	Snore, Piezoelectric	23.5" (60cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors
1420605	Snore, Piezoelectric	78" (200cm)	1/pkg	Embla systems with key connectors
1420600	Snore, Piezoelectric	23.5" (60cm)	1/pkg	Embla systems with key connectors
019-479700	Snore, Piezoelectric	78" (200cm)	1/pkg	Most Xltek systems that accept 1.5mm touchproof connectors



Dynamic Microphone Snoring Sensor

- Converts snoring sounds into an analog signal
- Soft and lightweight; provides good seal against ambient noise

Part Number	Type	Diameter	Lead Wire Length	Quantity	Compatibility
1200G	Snore, Dynamic Microphone	0.9" (2.3cm)	76" (190cm)	1/pkg	Most systems the accept 1.5mm touchproof connectors
019-480300	Snore, Dynamic Microphone	0.6" (1.5cm)	76" (190cm)	1/pkg	



Ultima Snore Microphone

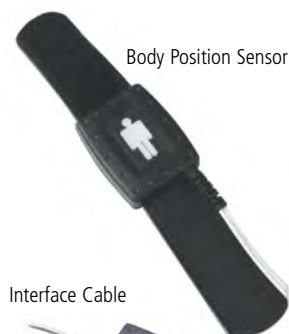
- Electret condenser microphone
- Detects higher frequencies of snoring
- Connects to headbox and senses snoring sounds
- Small; facilitates comfortable placement

Part Number	Type	Diameter	Lead Wire Length	Quantity	Compatibility
ACE172	Snore, Condenser Microphone	0.6" (1.6cm) x 0.4" (1.1cm) x 0.2 (0.5cm)	6.5 ft (1.98m)	1/pkg	Most systems the accept 1.5mm touchproof connectors



SENSORS

Body Position Sensors



Body Position Sensor

Interface Cable



Velcro Buckle Band

DC Body Position Sensor Kit

- Indicates the following positions: prone, supine, left, right or sitting/standing up
- Includes large, adjustable, Velcro buckle band, 1" (2.5cm) width

Part Number	Type	Lead Wire Length	Quantity	Compatibility
019-480000	DC Body Position, Voltage Type	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors
1440011	DC Body Position, Resistance Type	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors
1574-KIT	DC Body Position, Voltage Type	12" (30cm)	1/pkg	Key connector - Grass AURA PSG & AURA PSG LITE
1440021	DC Body Position, Resistance Type	78" (200cm)	1/pkg	Key connector - Embla S4500
019-481300	DC Body Position, Voltage Type	78" (200cm)	1/pkg	1/8" Male Plug - Grass Comet, Comet-PLUS
019-479900	DC Body Position, Voltage Type	78" (200cm)	1/pkg	1/8" Female Plug - Embla Sandman SD32



Body Position Sensor

1440010

Interface Cable



Velcro Buckle Band

AC Body Position Sensor Kit

- Indicates the following positions: prone, supine, left, right or sitting/standing up
- Includes large, adjustable, Velcro buckle band, 1" (2.5cm) width

Part Number	Type	Lead Wire Length	Quantity	Compatibility
1440010	AC Body Position	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors
019-406500	AC Body Position	78" (200cm)	1/pkg	

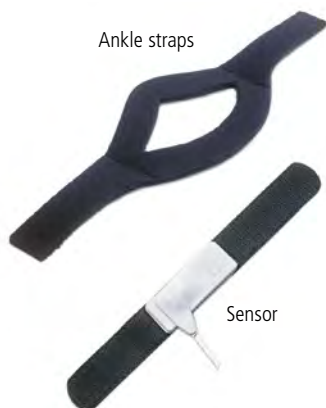


019-406500

Velcro Buckle Band

Body Position Sensor/
Interface Cable

Limb Movement Sensor Kits



Ankle straps

Sensor

Limb Movement Sensor Kits

- Piezo film sensor technology
- Includes a pair of elastic ankle straps

Part Number	Type	Lead Wire Length	Quantity	Compatibility
1770G-KIT	Limb Movement	78" (200cm)	1 sensor & 2 bands/pkg	Most systems that accept 1.5mm touchproof connectors
1773-KIT	Limb Movement	67" (170cm)	1 sensor & 2 bands/pkg	Key - Grass AURA PSG & AURA PSG LITE

SENSORS

Pressure Flow/Snore

Piezo Pressure Flow/Snore Sensors

- Isolated element provides immunity from environmental artifacts
- Strong, stable signal

Part Number	Sensor Type	Lead Wire Length	Cannulas	Quantity	Compatibility
4140094	AC Pressure, AC Snore	8" (20.3cm)	Sensor only, no cannulas included	1/pkg	Most systems that accept 1.5mm touchproof connectors
14838-KIT	AC Pressure, AC Snore	8" (20.3cm)	five 2' Adult Nasal	1 kit/pkg	Key - Grass AURA PSG & AURA PSG LITE
14832	DC Pressure, AC Snore	8" (20.3cm)	Sensor only, no cannulas included	1/pkg	Key - Grass AURA PSG & AURA PSG LITE



Ultima™ Dual Pressure Flow/Snore Sensor

- Up to 6 outputs: Raw airflow, filtered airflow and snoring
- Record nasal and oral flow on separate channels
- Variable gain and baseline settings
- CPAP-compatible; Auto-off
- Complies with guidelines for hypopnea detection
- Uses rechargeable or disposable AA batteries
- Kit includes: Sensor interface, 2 cables, 4 cannulas

Part Number	Sensor Type	Lead Wire Lengths	Connectors	Quantity	Compatibility
636060NE	AC/DC Pressure, AC Snore	12" (30.5cm) 2-pin key to 1.5mm touchproof connector	2 Adult micro nasal Luer Lock cannula with filter	1 kit/pkg	Most PSG systems via various connectors
		12" (30.5cm) keyhole to 3.5mm female phone connector	2 Nasal & oral Luer Lock cannula with filter		



Cable for Ultima™ Dual Pressure Flow/Snore Sensor

Part Number	Lead Wire Lengths	Connectors	Quantity	Compatibility
636062NE	18" (45.7cm)	2-pin key to 1.5mm touchproof connector	1/pkg	636060NE

Multi-Press AC/DC Pressure Flow/Snore Sensor Kit

- AC flow/snore, low level output
- DC air pressure output provides true differential air pressure between the + and – pressure inputs
- Adjustable flow and snore sensitivities
- Kit includes Pressure Module, AC & DC wire-sets and AA batteries

Part Number	Sensor Type	Lead Wire Lengths	Connectors	Quantity	Compatibility
019-479500	AC/DC Pressure, AC Snore	AC Flow 9" (23cm), Snore 9" (23cm), DC Flow 78" (200cm)	AC Flow & Snore touchproof, DC Flow 1/8" Male Plug	1 kit/pkg	Most systems that accept 1.5mm touchproof and 1/8" male plugs Most Nicolet, Grass & Xtek systems are compatible Embla & Schwarzer systems require adapters



SENSORS

Pressure Flow/Snore

CPAP Pressure Tubing

- Tube with a Luer Lock connector to measure CPAP mask pressure

Part Number	Type	Length	Quantity	Compatibility
1420116	CPAP pressure tube	23.6" (60cm)	1/pkg	Embla N7000, Embla S4000/S4500, Embletta MPR, Embletta Gold. Most pressure flow/snore sensors & most CPAP masks
1420117	CPAP pressure tube	78.7" (200cm)	1/pkg	Embla N7000, Embla S4000/S4500, Embletta MPR, Embletta Gold. Most pressure flow/snore sensors & most CPAP masks

Double CPAP Pressure Tubing

- Double tube to measure CPAP mask pressure
- Used with the Pneumo-T-Adapter (part number 1420221)

Part Number	Type	Length	Quantity	Compatibility
1420218	Double CPAP pressure tube	78" (200cm)	1/pkg	Most pressure flow/snore sensors & most CPAP masks

CPAP Flow Adapter

- Pneumo-T-Adapter used with 1420218 tubing

Part Number	Type	Length	Quantity	Compatibility
1420221	CPAP pressure adapter	3.25" (8.5cm)	1/pkg	Most pressure flow/snore sensors & most CPAP masks

Oximetry

Nonin® Xpod®

- Clinically validated for challenging conditions such as motion and low perfusion
- Compatible with all Nonin PureLight Sensors

Part Number	Type	Cable Length	Quantity	Compatibility
1430000	Nonin Xpod Oximeter	18" (45.7cm)	1/pkg	Embla N7000/S7000, S4000/S4500, titanium; Embletta Gold, PDS
011291	Nonin Xpod Oximeter	18" (45.7cm)	1/pkg	Embletta MPR
842-674200	Nonin Xpod Oximeter	43" (1m) & 10' (3m) extension cable	1/pkg	Nicolet V32

Sensor Clip for Nonin® Xpod®

- Keeps Nonin Flex Sensor firmly connected to Xpod

Part Number	Type	Quantity	Compatibility
1431530	Xpod sensor clip	1/pkg	Nonin Xpod (rectangular)

Sensor Clip for Nonin® Xpod®

- Keeps Nonin Flex Sensor connected to Xpod

Part Number	Type	Quantity	Compatibility
013400	Xpod sensor clip	1/pkg	Nonin Xpod (tapered)



SENSORS

Oximetry

Nonin® PureLight® Reusable FlexSensor & Disposable FlexiWrap® Adhesive Sensors

- Combines convenience of disposable sensor with economy of reusable sensor
- Available in multiple sizes
- Includes a starter pack of 25 disposable FlexiWraps

Part Number	Type	Cable Length	Quantity	Compatibility
1431000	FlexSensor, Adult	3' (1m)	1/pkg	Nonin oximeter
1431002	FlexSensor, Adult	9.8' (3m)	1/pkg	
1431011	FlexSensor, Infant	3' (1m)	1/pkg	
1431010	FlexSensor, Neonatal	3' (1m)	1/pkg	

Part Number	Type	Quantity	Compatibility
1431500	FlexiWrap, Adult	25/pkg	1431000 & 1431002 Flex Sensors
1431502	FlexiWrap, Infant	25/pkg	1431011 Flex Sensors
1431501	FlexiWrap, Neonatal	25/pkg	1431010 Flex Sensors



Nonin® Reusable Pulse Oximetry Extension Cables

Part Number	Type	Cable Length	Quantity	Compatibility
1430500	Oximeter Sensor Extension Cable	3' (1m)	1/pkg	Nonin oximeter
222-490300	Oximeter Sensor Extension Cable	9.8' (3m)	1/pkg	
222-490400	Oximeter Sensor Extension Cable	19.9' (6m)	1/pkg	



Nonin® PureLight® Reusable Soft Sensors

- Quick and easy application
- Comfortable fit for continuous monitoring
- Durable and easy to clean

Part Number	Type	Cable Length	Quantity	Compatibility
1431003	Soft Sensor, Small	3' (1m)	1/pkg	Nonin oximeter
1431004	Soft Sensor, Medium	3' (1m)	1/pkg	
105592	Soft Sensor, Medium	9.8' (3m)	1/pkg	
1431005	Soft Sensor, Large	3' (1m)	1/pkg	
105593	Soft Sensor, Large	9.8' (3m)	1/pkg	



Nonin® Reusable Articulated Finger Clip Sensors

- For spot checking and short term monitoring
- Comfortable, self-aligning grip
- Durable design; easy to clean

Part Number	Type	Cable Length	Quantity	Compatibility
1431020	Finger Clip Sensor, Adult	3' (1m)	1/pkg	Nonin oximeter



Nonin® PureLight® Disposable Sensors

- Soft, cushioning material provides comfort and secure placement for extended monitoring

Part Number	Type	Cable Length	Quantity	Compatibility
105720XL	Disposable Sensor, Adult	3' (1m)	24/pkg	Nonin oximeter



SENSORS

Oximetry

Masimo LNCS® Disposable Adhesive Sensors with Cable Attached

- Disposable sensors limit cross-contamination risks and decrease site pressure
- Excellent adherence, increasing monitoring effectiveness in high-motion areas

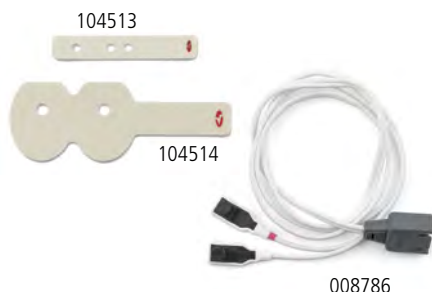
Part Number	Type	Cable Length	Quantity	Compatibility
008781	LNCS adhesive sensor, Adult	18" (45.7cm)	20/pkg	Xltek with 008776 cable
008782	LNCS adhesive sensor, Pediatric	18" (45.7cm)	20/pkg	
008783	LNCS adhesive sensor, Infant	18" (45.7cm)	20/pkg	



Masimo Y-I Multisite Reusable Sensors & Wraps

- For patients greater than 2.2lbs. (1kg)

Part Number	Type	Cable Length	Quantity	Compatibility
008786	LNCS Y-I Reusable Sensor	3' (0.9m)	1/pkg	Xltek with 008776 cable
104514	Disposable Standard Wrap	n/a	100/pkg	Y-I Reusable Sensor
104513	Disposable Petite Wrap	n/a	100/pkg	Y-I Reusable Sensor



Masimo Reusable Sensors

- LNCS DBI reusable adult soft sensor with 3ft cable

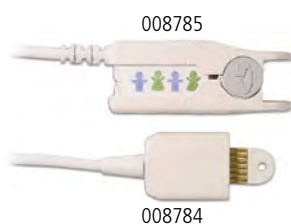
Part Number	Type	Cable Length	Quantity	Compatibility
008777	LNCS reusable sensor, Adult	3' (0.9m)	1/pkg	Xltek with 008776 cable



Masimo Reusable Finger Clip Sensors

- Adjustable hinge allows sensor to fit various finger sizes
- For short term spot checking

Part Number	Type	Cable Length	Quantity	Compatibility
008785	LNCS finger clip sensor, pediatric	3' (0.9m)	1/pkg	Xltek with 008776 cable
008784	LNCS finger clip sensor, adult	3' (0.9m)	1/pkg	Xltek with 008776 cable



Masimo Patient Cables

Part Number	Type	Cable Length	Quantity	Compatibility
103847	Masimo LNCP Patient Cable	12' (3.66m)	1/pkg	Xltek PSG systems
008776	Masimo LNCS Patient Cable	14' (4.27m)	1/pkg	Xltek PSG systems



SENSORS

Oximetry

Nellcor™ OxiMax™ Disposable Pulse Sensor

- For continuous oxygen saturation and pulse rate monitoring

Part Number	Type	Cable Length	Quantity	Compatibility
4140190	Disposable Sensor, Adult	36" (91.4cm)	24/pkg	Sandman SD32/SD20

**Nellcor™ Adult-Neonatal Oxygen Saturation Sensor with Wraps**

- Easy to use wrap-around design

Part Number	Type	Cable Length	Quantity	Compatibility
4140188	Reusable Sensor, Disposable Wraps, Adult/Neonatal	36" (91.4cm)	1 sensor & 50 wraps/pkg	Embla/Nellcor OxiMax

**Nellcor™ Sensor Extension Cable**

Part Number	Cable Length	Quantity	Compatibility
4140184	10' (3m)	1/pkg	Embla/Nellcor OxiMax

**DID YOU KNOW?**

Morphine derives its name from Morpheus, the god of sleep and dreaming in Greek mythology, for its tendency to cause sleep

CANNULAS



Adult Nasal/Oral Pressure Cannulas

- Semi-rigid wire in oral trunk allows precise placement
- Ideal length when pressure sensor is bedside or similar distance from patient
- Disposable

Part Number	Type	Supply Tube Length	Quantity	Compatibility
1420100	Nasal/Oral	1' (0.3m) Terminates in a male Luer Lock connector without filter	25/pkg	Most pressure flow/snore sensors with standard Luer Lock connectors
1420101	Nasal/Oral	7' (2.1m) Terminates in a male Luer Lock connector without filter	25/pkg	



Adult Nasal Pressure Cannulas

- Ideal length when pressure sensor is bedside or similar distance from patient
- Disposable

Part Number	Type	Size	Supply Tube Length	Quantity	Compatibility
1420002	Nasal	Adult	15" (38cm) Tubing terminates in male Luer Lock connector without filter	50/pkg	Most pressure flow/snore sensors with standard Luer Lock connectors
1420011	Nasal	Adult	47" (120cm) Tubing terminates in male Luer Lock connector without filter	50/pkg	
1420013	Nasal	Adult	71" (181cm) Tubing terminates in male Luer Lock connector without filter	50/pkg	



Infant Nasal Pressure Cannulas

- For newborns to three months old
- Ideal length when pressure sensor is located very close to the patient
- Disposable

Part Number	Type	Distance Between Nares	Supply Tube Length	Quantity	Compatibility
1420040*	Nasal	0.3" (7.6mm)	3' (0.9m) Tubing terminates in male Luer Lock connector without filter	50/pkg	Most pressure flow/snore sensors with standard Luer Lock connectors

*Not for sale in Canada



Intermediate Infant Nasal Pressure Cannulas

- For patients three months to one year of age
- Ideal length when pressure sensor is located very close to the patient
- Disposable

Part Number	Type	Distance Between Nares	Supply Tube Length	Quantity	Compatibility
1420030*	Nasal	0.36" (9.1mm)	3' (0.9m) Tubing terminates in male Luer Lock connector without filter	50/pkg	Most pressure flow/snore sensors with standard Luer Lock connectors

*Not for sale in Canada

CANNULAS

Pediatric Nasal Pressure Cannulas

- For patients one year of age and older
- Disposable

Part Number	Type	Distance Between Nares	Supply Tube Length	Quantity	Compatibility
1420020*	Nasal	0.475" (1.21mm)	1' (0.3m) Tubing terminates in male Luer Lock connector without filter	50/pkg	Most pressure flow/snore sensors with standard Luer Lock connectors
1420050*	Nasal	0.475" (1.21mm)	7' (2.1m) Tubing terminates in male Luer Lock connector without filter	50/pkg	

*Not for sale in Canada



Adult ThermiSense® Nasal Pressure Cannulas with Filter

- Replacement cannula with holder for ThermiSense diagnostic thermistor temperature sensing system
- Disposable

Part Number	Type	Cannula Length	Quantity	Compatibility
1420110	Nasal	7' (2.1m) Tubing terminates in male Luer Lock connector with filter	25/pkg	Adult ThermiSense nasal/oral airflow sensors



Adult ThermiSense® Nasal Pressure Cannulas

- Replacement cannula with holder for ThermiSense diagnostic thermistor temperature sensing system
- Disposable

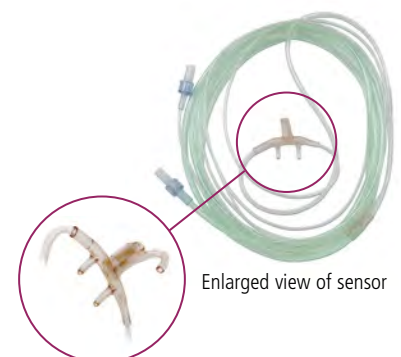
Part Number	Type	Cannula Length	Quantity	Compatibility
1420111	Nasal	7' (2.1m) Tubing terminates in male Luer Lock connector without filter	25/pkg	Adult ThermiSense nasal/oral flow sensors
1420112	Nasal	2' (0.61m) Tubing terminates in male Luer Lock connector without filter	25/pkg	



Adult ThermiSense® Nasal/Oral Pressure & Gas Sampling Cannulas

- Replacement cannula with holder for ThermiSense diagnostic thermistor temperature sensing system
- Disposable

Part Number	Type	Cannula Lengths	Quantity	Compatibility
1420114	Nasal/Oral	One 7' (2.1m) Airflow Pressure tube & one 7' (2.1m) End Tidal CO ₂ tube. Tubing terminates in male Luer Lock connector without filter	25/pkg	Adult ThermiSense nasal/oral airflow sensors



CANNULAS



Pediatric ThermiSense® Nasal Pressure & Gas Sampling Cannulas

- Replacement cannula with holder for ThermiSense diagnostic thermistor temperature sensing system
- Disposable

Part Number	Type	Cannula Lengths	Quantity	Compatibility
1420125	Nasal	One 7' (2.1m) Airflow Pressure tube & one 7' (2.1m) End Tidal CO ₂ tube. Tubing terminates in male Luer Lock connector without filter	25/pkg	Pediatric ThermiSense nasal/oral airflow sensors



Adult ThermiSense® Nasal Pressure & Gas Sampling Cannulas

- Replacement cannula with holder for ThermiSense diagnostic thermistor temperature sensing system
- Disposable

Part Number	Type	Cannula Lengths	Quantity	Compatibility
1420113	Nasal	One 7' (2.1m) Airflow Pressure tube & one 7' (2.1m) End Tidal CO ₂ tube. Tubing terminates in male Luer Lock connector without filter	25/pkg	Adult ThermiSense nasal/oral airflow sensors



Hydrophobic Filter Extension Tube

- Luer Lock connectors

Part Number	Type	Quantity	Compatibility
1450031	Filter	25 extension tubes & 25 filters/pkg	Most cannulas & pressure flow/snore sensors



Disposable Cannula Filters

- Luer Lock connectors

Part Number	Type	Quantity	Compatibility
15809	Filter	1/pkg	Most cannulas & pressure flow/snore sensors



Female to Female Luer Lock Adapter

- Luer Lock connectors

Part Number	Type	Quantity	Compatibility
020324	Adapter	5/pkg	Most cannulas & pressure flow/snore sensors

ANCILLARY SLEEP SUPPLIES

Snap Electrodes

Disposable Adhesive Center Snap Square Electrodes

- Solid gel Ag/AgCl electrodes, 7/8" (22.2mm) square cloth-backed contact area with robust adhesive
- Ideal for sleep studies

Part Number	Type	Quantity	Compatibility
022108	Square Snap	5/pkg	Most systems that accept 1.5mm touchproof connectors; requires snap leads
444010	Square Snap	30/pkg	



Disposable Adhesive Offset Snap Round Electrodes

- Circular shape, 1.9" (48mm) diameter with offset snap
- Wet gel Ag/AgCl sensor material, foam backing

Part Number	Type	Quantity	Compatibility
1410505	Circular with offset snap	25/pkg	Most systems that accept 1.5mm touchproof connectors; requires snap leads



Disposable Adhesive Offset Snap Small Electrodes

- 22mm x 28mm with offset snap
- Wet gel Ag/AgCl sensor material, foam backing

Part Number	Type	Quantity	Compatibility
1410510	Oval with offset snap	25/pkg	Most systems that accept 1.5mm touchproof connectors; requires snap leads



Disposable Adhesive Center Snap Round Electrode

- Circular shape, 1-7/8" (48mm) diameter
- Solid gel Ag/AgCl sensor material with vinyl backing

Part Number	Type	Quantity	Compatibility
022107	Circular with center snap	5/pkg	Most systems that accept 1.5mm touchproof connectors; requires snap leads
1410500	Circular with center snap	30/pkg	



See Page 20 for additional disposable snap electrodes



DID YOU KNOW?

Sea otters hold hands when they sleep so they don't drift away from each other

ANCILLARY SLEEP SUPPLIES

Snap Leads



Reusable Snap Lead Set

- Color-coded (blue, grey, purple, green, yellow) lead wires terminate in 1.5mm touchproof connectors
- Designed for use with disposable snap electrodes

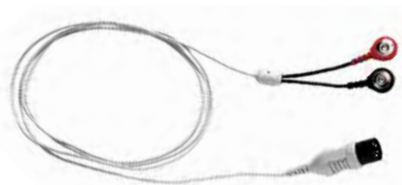
Part Number	Type	Lead Length	Quantity	Compatibility
019-419000	Snap Leads	39" (1m)	5/pkg	Most EMG systems
019-419100	Snap Leads	59" (1.4m)	5/pkg	
019-419200	Snap Leads	79" (2m)	5/pkg	
019-419300	Snap Leads	118" (3m)	5/pkg	



Reusable Snap Lead Pairs

- Color-coded (blue, grey) lead wires terminate in 1.5mm touchproof connectors
- Designed for use with disposable snap electrodes

Part Number	Type	Lead Length	Quantity	Compatibility
019-424500	Snap Leads	60" (152cm)	1 pair/pkg	Most EMG systems



Reusable Shielded 2-Snap Lead Cable

- Shielded lead terminates in a 5-pin DIN connector and two color-coded button snaps (black, red)
- Designed for use with disposable snap electrodes

Part Number	Type	Lead Length	Quantity	Compatibility
085-452500	Snap Lead	60" (152cm)	1 lead/pkg	Most EMG systems



Reusable Snap Lead Pairs

- Designed for use with disposable snap electrodes
- Orange lead wire, orange button snap, orange touchproof connector

Part Number	Type	Lead Length	Quantity	Compatibility
1411517	Snap Leads	39" (1m)	2/pkg	Most systems that accept 1.5mm touchproof connectors
1411524	Snap Leads	79" (2m)	2/pkg	



Reusable Snap Lead Pairs

- Designed for use with disposable snap electrodes
- Black lead wire, black button snap, black touchproof connector

Part Number	Type	Lead Length	Quantity	Compatibility
1411520	Snap Lead	60" (1.5m)	2/pkg	Most systems that accept 1.5mm touchproof connectors
1411535	Snap Leads	120" (3m)	2/pkg	



Reusable Snap Lead Pairs

- Designed for use with disposable snap electrodes
- Black lead wire, white button snap, white touchproof connector

Part Number	Type	Lead Length	Quantity	Compatibility
1411530	Snap Leads	120" (3m)	2/pkg	Most systems that accept 1.5mm touchproof connectors



Reusable Snap Lead, Ground

- Designed for use with disposable snap electrodes
- Green lead wire, green button snap, green touchproof connector

Part Number	Type	Lead Length	Quantity	Compatibility
1411516	Snap Leads	39" (1m)	1/pkg	Most systems that accept 1.5mm touchproof connectors

ANCILLARY SLEEP SUPPLIES

Snap Leads

Short Reusable Snap Leads

- Designed for use with disposable snap electrodes

Part Number	Type	Lead Length / Color	Quantity	Compatibility
1411541	Snap Lead	24" (0.6m) / Red	1/pkg	Most systems that accept 1.5mm touchproof connectors
1411548	Snap Lead	24" (0.6m) / Green	1/pkg	
1411542	Snap Lead	29.5" (0.75m) / Black	1/pkg	



Reusable Snap Leads

- Designed for use with disposable snap electrodes
- Black lead wire, black button snap, black touchproof connector

Part Number	Type	Lead Length	Quantity	Compatibility
F-SL48	Snap Lead	48" (1.2m)	3/pkg	Most systems that accept 1.5mm touchproof connectors
F-SL60	Snap Lead	60" (1.5m)	3/pkg	
F-SL72	Snap Lead	72" (1.8m)	3/pkg	
F-SL96	Snap Lead	96" (2.4m)	3/pkg	
F-SL120	Snap Lead	120" (3.0m)	3/pkg	



Reusable Snap Leads Breakout Cable

- Color-schemed for use with the Embla X100 Proxy
- Twisted red, yellow and black lead wires/button snaps breakout at 16" (40cm); total lead length 28" (71cm)
- Twisted green, orange and blue lead wires/button snaps breakout at 30" (76cm); total lead length 40" (101cm)
- Lead wires terminate in 1.5mm touchproof connectors

Part Number	Type	Lead Length	Quantity	Compatibility
1411546	Snap Lead Breakout Cable	28" (71cm) / 40" (101cm)	1/pkg	Embla X100 Proxy



Velcro Straps

Velcro® Elastic Straps

- Provides patient comfort while holding components securely in place

Part Number	Description	Length	Quantity	Compatibility
1421234	Small Velcro Elastic Strap	30" (76cm)	1/pkg	Embla N7000, all Emblettas & most patient-worn PSG systems
1421236	Medium Velcro Elastic Strap	45" (114cm)	1/pkg	
1421238	Large Velcro Elastic Strap	72" (183cm)	1/pkg	
1421230	Velcro Elastic Strap Kit; one each Small, Medium, Large	One each of above	1 kit/pkg	



Cable Wraps

- Ideal for bundling cables and wires

Part Number	Type	Quantity	Compatibility
1450021	Velcro Cable Wraps	12/pkg	Most PSG systems



Sleep Supplies Solutions

Convenient, Complete, Trusted

Natus Neuro supports the **full spectrum** of Sleep care. From equipment, service and support to diagnostic supplies – we're with you **at every step**.

Our Sleep supplies are thoroughly tested to provide **reliable patient care**. With a complete portfolio of Sleep supplies, Natus provides **seamless solutions**.



Effort Belts • Gold Cup Electrodes • Adhesive Electrodes • Oximetry • Application Products



Natus Application Products

Electrode Creams, Pastes, Gels • Skin Preps
Ancillary Application Supplies • Electrode Placement • Cleaners

APPLICATION PRODUCTS

ELECTRODE CREAMS, PASTES, GELS



EC2® Genuine Grass® Electrode Cream

- Optimal combination of resistive, cohesive and adhesive characteristics for accurate recordings
- Isotonic with the skin
- Designed for direct application to desired site

Part Number	Type	Size	Quantity
EC2	EC2 Electrode Cream	3.5oz (100g) tube	10/pkg
517101*	EC2 Electrode Cream, Single Tube	3.5oz (100g) tube	1/pkg

*Not for sale in US



Ten20® Conductive Paste

- Balance of adhesiveness and conductivity
- Washable and non-drying; easy clean-up

Part Number	Type	Size	Quantity
1411003	Ten20 Electrode Paste	4oz (114g) jar	3/pkg
016-703700	Ten20 Electrode Paste	8oz (228g) jar	3/pkg
122-736000	Ten20 Electrode Paste	4oz (114g) tube	3/pkg



SYNAPSE Conductive Electrode Cream

- Convenient application
- Non-staining to skin or clothing
- Rapid and easy clean-up

Part Number	Type	Size	Quantity
016-703800	Synapse Conductive Electrode Cream	5oz (140g) bottle	1/pkg



TENSIVE® Conductive Adhesive Gel

- Eliminates tape and tape irritation
- Immediately conductive
- Water soluble; easily remove with water

Part Number	Type	Size	Quantity
016-401600	Tensive Conductive Adhesive Gel	1.76oz (50g) tube	1/pkg



SIGNACREME® Electrode Cream

- Highly conductive cream electrolyte for use in electro-medical procedures
- Cosmetic quality, pleasing to patients
- Non-irritating, bacteriostatic

Part Number	Type	Size	Quantity
101086	Signacreme	5oz (142g) bottle	1/pkg



SIGNAGEL® Electrode Gel

- Highly conductive, multipurpose electrolyte
- Bacteriostatic
- Water soluble, non-staining, non-gritty

Part Number	Type	Size	Quantity
102340XL	Signagel	8.5oz (250g) tube	1/pkg

APPLICATION PRODUCTS

ELECTRODE CREAMS, PASTES, GELS

SPECTRA® 360 Electrode Gel

- Non-gritty, STAY-WET® formula allows for prolonged use without reapplication
- Non-irritating, bacteriostatic
- For ECG monitoring and pediatrics

Part Number	Type	Size	Quantity
016-401800	Spectra 360 Electrode Gel	8.5oz (250g) tube	1/pkg



AQUASONIC® 100 Ultrasound Transmission Gel

- For diagnostic medical ultrasound
- Acoustically correct for the broad range of frequencies used
- Completely aqueous, will not stain clothing or damage transducers
- Not electrically conductive

Part Number	Type	Size	Quantity
122-737200	Aquasonic 100 Gel	8.5oz (0.25l) bottle	1/pkg



SKIN PREPS

NuPrep® Skin Prep Gel

- Used to reduce skin impedance for improved tracings
- Mild abrasive formula improves conductivity
- Helps achieve maximum efficiency with equipment

Part Number	Type	Size	Quantity
122-736100	NuPrep Skin Prep	4oz (114g) tube	3/pkg



LemonPrep™ Abrasive Skin Prepping Lotion

- Balanced pH formula to minimize impedance
- Includes aloe vera to condition patient's skin
- Lemon scent

Part Number	Type	Size	Quantity
016-401000	LemonPrep Skin Prep	4oz (113g) tube	3/pkg
016-403300	LemonPrep Skin Prep Single Patient Cups	0.35oz (9.9g) cups	24/pkg



Waveprep® Mildly Abrasive Skin Prep

- Dye free, mildly abrasive, reduces skin impedance
- Single-use cups reduce risk of cross-contamination

Part Number	Type	Size	Quantity
016-402900*	Waveprep Skin Prep Single Patient Cups	0.3oz (8.5g) cups	24/pkg



*US only



SKIN PREPS



Electrode Prep Pads & Alcohol Pads

- Use to cleanse electrode site and lower impedance
- Prep pad is formulated with pumice
- Both pads are saturated with 70% isopropyl alcohol

Part Number	Type	Size	Quantity
016-703200	Electrode Prep Pad	1.25" (3.18cm) x 2.5" (6.35cm)	100/pkg
016-703000	Alcohol Pads	1.25" (3.18cm) x 2.5" (6.35cm)	200/pkg



Uni-Patch™ Pre-TENS Skin Prep Wipes

- Pre-treatment skin wipe cleans, disinfects, and leaves a coating to shield the skin from adhesives and possible irritation
- Increases conductivity and prevents body oils from being absorbed into the electrode gel

Part Number	Type	Size	Quantity
444020*	Skin Prep Pad	1.25" (3.18cm) x 2.5" (6.35cm)	50/pkg



*US only



3M™ One Step Red Dot™ Skin Prep Abrader Tape

- Abrasive tape works just like gel preps without the mess
- Adhesive on one side and abrasive on the other

Part Number	Type	Size	Quantity
016-400000	Skin Prep Tape	196" (5m) roll	1/pkg

ANCILLARY APPLICATION SUPPLIES

3M™ Surgical Tapes & Wraps

Part Number	Type	Width	Length	Quantity
123-402000	3M Coban Self-Adherent Wrap	3" (5cm)	15' (4.5m) roll	1/pkg
123-723900	3M Micropore Surgical Tape	1" (2.5cm)	30' (9m) roll	1/pkg
101917	3M Transpore Surgical Tape	1" (2.5cm)	30' (9m) roll	12/pkg
AT15	3M Blenderm Surgical Tape	1" (2.5cm)	15' (4.5m) roll	12/pkg

Coban™ Self-Adherent Wrap

- Elastic wrap that functions like a tape but sticks only to itself

Micropore™ Surgical Tape

- Hypoallergenic paper tape; gentle on skin yet adheres well
- Leaves minimal adhesive residue upon removal
- Excellent medical tape for repeated applications on sensitive or fragile skin

Transpore™ Surgical Tape

- Transparent, easy-to-tear plastic perforated tape
- Designed for dependability and ease-of-use
- Porous for breathability
- Water resistant and hypoallergenic

Blenderm™ Surgical Tape

- Flexible, non-porous, polyethylene tape designed to provide a barrier from external fluids and contamination
- Transparent for easy monitoring
- Waterproof barrier for protection from external fluids and contaminants
- Hypoallergenic for sensitive patients

ANCILLARY APPLICATION SUPPLIES

Gauze Squares

- Convenient pre-cut gauze squares for electrode application

Part Number	Type	Size	Quantity
103825	12 ply, non-sterile gauze pads	2" (5.1cm) x 2" (5.1cm)	200/pkg
016-400800	12 ply, sterile gauze pads, 2 per pouch	3" (7.6cm) x 3" (7.6cm)	50 pouches/pkg



103825

Conform® Stretch Gauze Rolls

- Medical grade, non-sterile

Part Number	Type	Size	Length	Quantity
104517	Stretch gauze	3" (7.6cm)	12.3' (3.75m) roll	12/pkg



Dermacea® Stretch Bandage Rolls

- One-ply cotton and polyester blend crocheted construction
- Provides softness, conformability, low lint and high absorbency – non-sterile

Part Number	Type	Size	Length	Quantity
017517	Adult Stretch Bandage	4" (10.2cm)	12' (3.7m) roll; 144' (44m) total	12/pkg
020002	Pediatric Stretch Bandage	3" (7.6cm)	12' (3.7m) roll; 144' (44m) total	12/pkg



Cotton-Tipped Applicators/Swabs

- Ideal for electrode site preparation

Part Number	Type	Size	Quantity
1412002	Applicators/Swabs, wooden stick	3" (7.6cm) length	1000/pkg
1412006	Applicators/Swabs, plastic stick	4" (10cm) length	50/pkg
102107	Applicators/Swabs, wooden stick	6" (15.2cm) length	100/pkg



ELECTRODE PLACEMENT



Electrode Placement Markers

- Great for scalp marking

Part Number	Type	Color	Quantity
EM1	Sharpie® Peel-Off™ China Marker	Red	12/pkg
EM2	Sharpie® Peel-Off™ China Marker	White	12/pkg
EM3	Sharpie® Peel-Off™ China Marker	Blue	12/pkg
270-40100	Wet Erase Marker	Blue	1/pkg
103035	Surgical Skin Marker, Wet, highly visible, non-tattooing, sterile	Violet	10/pkg



Measurement Tapes

- Easy to read

Part Number	Type	Quantity
101432XL	Retractable, inches & centimeters, vinyl tape for surface & other measurements	1/pkg
EDAID2	International 10-20 Electrode Placement, 0-70 one side; 35-0-35 on the other, Tyvek® tape	2/pkg

CLEANERS – US ONLY



Zymit® Enzyme Cleaner

- Unique formulation of enzymes and detergents
- Removes blood, tissue, mucous or other body fluids from reusable electrodes and instruments
- Effective against a number of common micro-organisms

Part Number	Type	Size	Quantity
122-412700*	Zymit Enzyme Cleaner	33.8oz (1l) bottle	1/pkg



*US only



Protex™ ULTRA Disinfectant Wipes

- For disinfecting ultrasound transducers, probes, mammography compressor plates and other hard, non-porous surfaces
- One-step hospital-use disinfectant

Part Number	Type	Quantity
019-473000*	Protex ULTRA Disinfectant Wipes, Softpack	60 wipes/pkg
017125*	Protex ULTRA Disinfectant Wipes, Canister	6 canisters; 100 wipes/canister



*US only



Natus Starter Kits

EMG • EEG • IOM • Sleep

EMG SUPPLIES STARTER KITS

018621 - EMG Supplies Starter Kit		Quantity
019-446700	Reusable Bipolar Bar Stimulating Electrode, 10mm stainless steel discs, 39" (1m), 1/pkg	1
698-621400	Velcro Straps, 1" (2cm) x 22" (55cm), 3/pkg	1
019-401200	Reusable Disc Ground Electrode, 30.5mm diameter, 30" (0.75m), 1/pkg	1
6030-TP	Reusable Stimulating/Recording Disc Electrodes, stainless steel, 10mm discs, twisted leads, 39" (1m), 1 pair/pkg	1
5032-TP	Reusable Stimulating/Recording Digital Ring Electrodes, stainless steel, 36" (1m), 1 pair/pkg	1
101169	Disposable Nutab Adhesive Electrodes, 10 sheets of 10 electrodes	1
101226	Disposable Care 310 Adhesive Ground Electrodes, 10 sheets of 10 electrodes	1
117-401900	Reusable Alligator-Clip Lead Wire Set, red, black, green, 49" (1.25m), 1 set/pkg	1
S53153	TECA Elite Disposable Concentric Needle Electrode, Red, 1" (25mm) length, 0.30mm (30G) diameter, 1/pouch – 25/box	1
S53156	TECA Elite Disposable Concentric Needle Electrode, Green, 1.5" (37mm) length, 0.46mm (26G) diameter, 1/pouch – 25/box	1
X21001	TECA Elite Concentric Needle Holder (Cable), 36" (0.9m), 1/pkg	1
902-DMF37-S	TECA Elite Disposable Monopolar Needle Electrode, Orange, 1.5" (37mm) length, 0.36mm (28G) diameter, 1/pouch – 48/box	1
902-SLC	TECA Elite Disposable Monopolar Needle Holder (Cable), 24" (61cm), 1/pkg	1

9013S0164 - EMG/NCS Supplies Starter Kit for Dantec System		Quantity
9013S0032	Dantec DCN Disposable Concentric Needle Electrodes, Blue, 1.5" (37mm) length, 0.46mm (26G), 1/pouch – 25/box	1
9013S0012	Dantec DCN Disposable Concentric Needle Electrodes, Orange, 1" (25mm) length, 0.30mm (30G), 1/pouch – 25/box	1
9013C0014	Dantec DCN Electrodes Needle Holder (Cable), 59" (1.5m), 5-pin DIN, 1/pkg	1
9013R0313	Disposable Stainless Steel Scalp Needle Electrodes, 0.4" (10mm) length, 0.03mm (30G) diameter, 0.7mm male touchproof, 40/pkg	1
9013L0362	Hand-Held Felt Pad Stimulating Electrode, 79" (2m), 5-pin DIN, 1/pkg	1
9013S0302	Reusable Digital Ring Electrode, 39" (1m), 5-pin DIN, 1/pkg	1
101169	Disposable Nutab Adhesive Electrodes, 10 sheets of 10 electrodes	1
9013C0232	HUSH Alligator-Clip Cable, 3 color-coded clips, 39" (1m), 5-pin DIN, 1/pkg	1
019-477600	Grass Reusable "Tangle Free" 10mm Gold EEG Stamped Cup Electrodes, 79" (2.0m), 12/pkg	1
1451020	3" Reusable Stackable Jumper/Linker Cables, 3" (8cm), 4/pkg	1
9013S0735	Reusable Ground Strap Electrode, 7" (18.5cm) Velcro strap length, 0.8" (20mm) width, 59" (1.5 m), 1/pkg	1
101917	3M Transpore Surgical Tape, 1" (2.5cm) width, 30' (9m) roll, 12/pkg	1
102340XL	SignaGel Electrode Gel, 8.5oz (250g) tube, 1/pkg	1
016-703700	Ten20 Conductive Paste, 8oz (228g) jar, 3/pkg	1
122-736100	NuPrep Skin Prep Gel, 4oz (114g) tube, 3/pkg	1
101432XL	Natus Retractable Measurement Tape, inches & centimeters, 1/pkg	1

9013S0182 - EMG Supplies Starter Kit for Dantec Clavis		Quantity
9013S0452	Bo-ject DHN Disposable Hypodermic Needle Electrodes, Grey, 2" (50mm) length, 0.46mm (26G) diameter, 35.5" (90cm), 1/pouch – 12/pack	1
9013S0442	Bo-ject DHN Disposable Hypodermic Needle Electrodes, Light Blue, 1.5" (37mm) length, 0.41mm (27G) diameter, 35.5" (90cm), 1/pouch – 12/pack	1
9013L0453	Disposable Pre-Gelled Surface Electrodes, 18.3" (46.5cm), 12/pkg	1

EEG SUPPLIES STARTER KITS

018614 - Routine EEG Supplies Starter Kit		Quantity
F-E5GH-48	Genuine Grass Reusable 10mm Gold Cup Electrodes, 48" (122cm) wire, 10/box	3
1411003	Ten20 Conductive Paste, 4oz (114g) jar, 3/pkg	1
122-736100	NuPrep Skin Prep Gel, 4oz (114g) tube, 3/pkg	1
EM1	Sharpie Peel-Off China Electrode Placement Markers, Red, 12/pkg	1
101432XL	Natus Retractable Measurement Tape, inches & centimeters, 1/pkg	1
016-400800	Sterile Gauze Pads, 3" (7.6cm) square, 2/pouch, 50 pouches/pkg	1
102107	Cotton-tipped Applicator/Swab, 6" (15.2cm) wooden stick, 100/pkg	1
105808	Electrode Claw, 1/pkg	1
017517	Dermacea Stretch Bandage Rolls, Adult, 4" (10.2cm) wide, 12' (3.7m) roll, 12/pkg	1
020002	Dermacea Stretch Bandage Rolls, Pediatric, 3" (7.6cm) wide, 12' (3.7m) roll, 12/pkg	1

018615 - EEG ICU Supplies Starter Kit		Quantity
F-E5GH-48	Genuine Grass Reusable 10mm Gold Cup Electrodes, 48" (122cm) wire, 10/box	2
019-477200	Grass Disposable 10mm Ag/AgCl Cup Electrodes, 39" (1m) wire, 10/pkg	2
1411003	Ten20 Conductive Paste, 4oz (114g) jar, 3/pkg	1
122-736100	NuPrep Skin Prep Gel, 4oz (114g) tube, 3/pkg	1
EC2	Genuine Grass EC2 Electrode Cream, 3.5oz (100g) tube, 10/box	1
EM1	Sharpie Peel-Off China Electrode Placement Markers, Red, 12/pkg	1
101432XL	Natus Retractable Measurement Tape, inches & centimeters, 1/pkg	1
016-400800	Sterile Gauze Pads, 3" (7.6cm) square, 2/pouch, 50 pouches/pkg	1
102107	Cotton-tipped Applicator/Swab, 6" (15.2cm) wooden stick, 100/pkg	1
105808	Electrode Claw, 1/pkg	1
017517	Dermacea Stretch Bandage Rolls, Adult, 4" (10.2cm) wide, 12' (3.7m) roll, 12/pkg	1
020002	Dermacea Stretch Bandage Rolls, Pediatric, 3" (7.6cm) wide, 12' (3.7m) roll, 12/pkg	1

018616 - EEG Ambulatory/LTM Supplies Starter Kit		Quantity
F-E5GH-60	Genuine Grass Reusable 10mm Gold Cup Electrodes, 60" (152cm) wire, 10/box	2
EC2	Genuine Grass EC2 Electrode Cream, 3.5oz (100g) tube, 10/box	1
1411003	Ten20 Conductive Paste, 4oz (114g) jar, 3/pkg	1
122-736100	NuPrep Skin Prep Gel, 4oz (114g) tube, 3/pkg	1
EM1	Sharpie Peel-Off China Electrode Placement Markers, Red, 12/pkg	1
101432XL	Natus Retractable Measurement Tape, inches & centimeters, 1/pkg	1
102107	Cotton-tipped Applicator/Swab, 6" (15.2cm) wooden stick, 100/pkg	1
105808	Electrode Claw, 1/pkg	1
017517	Dermacea Stretch Bandage Rolls, Adult, 4" (10.2cm) wide, 12' (3.7m) roll, 12/pkg	1
020002	Dermacea Stretch Bandage Rolls, Pediatric, 3" (7.6cm) wide, 12' (3.7m) roll, 12/pkg	1

IOM SUPPLIES STARTER KIT

018620 - IOM Supplies Starter Kit		Quantity
019-409000	Disposable 4-Disc Adhesive Electrode Set with Lead Wires Attached, 79" (2m), 15 sets/pkg	2
019-476800	Natus Ultra Disposable Stainless Steel Subdermal Needle Electrodes, 6-color, 59" (1.5m), 24/box	1
019-475700	Natus Disposable Twisted Pair Subdermal Needle Electrodes, 79" (2m), 12/pkg	1
017505	Disposable Corkscrew Electrodes, 6-color, 47" (1.2m), 24/pkg	1
019-422200	Disposable 2" x 4" Ground Plate Adhesive Electrode with Lead Wire Attached, 59" (1.5m), 24/box	1
122-736100	NuPrep Skin Prep Gel, 4oz (114g) tube, 3/pkg	1
101917	3M Transpore Surgical Tape, 1" (2.5cm) width, 30' (9m) roll, 12/pkg	1

SLEEP SUPPLIES STARTER KITS

018617 - Sleep Supplies Starter Kit for Embla S4000/S4500 Systems		Quantity
F-E5GH-60	Genuine Grass Reusable 10mm Gold Cup Electrodes, 60" (152cm) wire, 10/box	2
1410505	Disposable Ag/AgCl Electrodes, Offset Snap Wet Gel, 1.9" (48mm) diameter, 25/pkg	1
444010	Disposable Ag/AgCl Electrodes, Adhesive Center Snap, 7/8" (22.2mm) square, 30/pkg	3
F-SL60	Reusable Snap Leads, 60" (1.5m) wire, 3/pkg	3
F-SL96	Reusable Snap Leads, 96" (2.4m) wire, 3/pkg	2
EC2	Genuine Grass EC2 Electrode Cream, 3.5oz (100g) tube, 10/box	1
1411003	Ten20 Conductive Paste, 4oz (114g) jar, 3/pkg	1
122-736100	NuPrep Skin Prep Gel, 4oz (114g) tube, 3/pkg	1
101432XL	Natus Retractable Measurement Tape, inches & centimeters, 1/pkg	1
103825	Non-Sterile Gauze Pads, 2" (5.1cm) square, 200/pkg	1
102107	Cotton-tipped Applicator/Swab, 6" (15.2cm) wooden stick, 100/pkg	1
EM3	Sharpie Peel-Off China Electrode Placement Markers, Blue, 12/pkg	1
1420435	Single Channel Oral/Nasal Thermistor, Adult, 78" (200cm), Embla/key connectors, 1/pkg	1
1420605	Piezo Snore Sensor, 78" (200cm), Embla/key connectors, 1/pkg	1
1420013	Nasal Cannula, Adult, 71" (181cm), 50/pkg	1
011518	XactTrace Pre-Sized, Single Use, RIP Belts, Medium, 20/box (10 packs of 2)	1
013224	XactTrace Reusable Snap Sensors, Abdomen, 78" (200cm), yellow 2-pin key, 1/pkg	1
013225	XactTrace Reusable Snap Sensors, Thorax, 78" (200cm), blue 2-pin key, 1/pkg	1
1431002	Nonin PureLight Reusable FlexSensor, Adult, 9.3' (3m), 1/pkg	1
1431500	Nonin Disposable FlexiWrap Adhesive Sensors, Adult, 25/pkg	1
1420117	CPAP Pressure Tube, 23.6" (60cm), 1/pkg	1

018618 - Sleep Supplies Starter Kit for Embla N7000 System		Quantity
F-E5GH-60	Genuine Grass Reusable 10mm Gold Cup Electrodes, 60" (152cm) wire, 10/box	3
1410505	Disposable Ag/AgCl Electrodes, Offset Snap Wet Gel, 1.9" (48mm) diameter, 25/pkg	5
444010	Disposable Ag/AgCl Electrodes, Adhesive Center Snap, 7/8" (22.2mm) square, 30/pkg	5
F-SL60	Reusable Snap Leads, 60" (1.5m) wire, 3/pkg	1
1411530	Reusable Snap Lead Pairs, White, 120" (3m), 2/pkg	1
1411535	Reusable Snap Lead Pairs, Black, 120" (3m), 2/pkg	1
1411524	Reusable Snap Lead Pairs, Orange, 78" (2m), 2/pkg	1
EC2	Genuine Grass EC2 Electrode Cream, 3.5oz (100g) tube, 10/box	1
1411003	Ten20 Conductive Paste, 4oz (114g) jar, 3/pkg	1
122-736100	NuPrep Skin Prep Gel, 4oz (114g) tube, 3/pkg	1
101432XL	Natus Retractable Measurement Tape, inches & centimeters, 1/pkg	1
103825	Non-Sterile Gauze Pads, 2" (5.1cm) square, 200/pkg	1
102107	Cotton-tipped Applicator/Swab, 6" (15.2cm) wooden stick, 100/pkg	1
EM3	Sharpie Peel-Off China Electrode Placement Markers, Blue, 12/pkg	1
1420430	Single Channel Oral/Nasal Thermistor Airflow Sensor, Adult, 38" (96cm) Embla/key connectors, 1/pkg	1
1420600	Piezo Snore Sensor, 23.5" (60cm), Embla/key connectors, 1/pkg	1
1420002	Nasal Cannula, Adult, 15" (38cm), 50/pkg	1
011518	XactTrace Pre-Sized, Single Use, RIP Belts, Medium, 20/box (10 packs of 2)	1
011521	XactTrace Reusable Snap Sensors, Abdomen, 26" (66cm), yellow 2-pin key, 1/pkg	1
011522	XactTrace Reusable Snap Sensors, Thorax, 26" (66cm), blue 2-pin key, 1/pkg	1
1420116	CPAP Pressure Tube, 23.6" (60cm), 1/pkg	1
1431000	Nonin PureLight Reusable FlexSensor, Adult, 3' (1m), 1/pkg	1
1431500	Nonin Disposable FlexiWrap Adhesive Sensors, Adult, 25/pkg	1

021822 - Sleep Supplies Starter Kit with Reusable XactTrace for Embla S4000/S4500		Quantity
F-E5GH-60	Genuine Grass Reusable 10mm Gold Cup Electrodes, 60" (152cm) wire, 10/box	2
1410505	Disposable Ag/AgCl Electrodes, Offset Snap Wet Gel, 1.9" (48mm) diameter, 25/pkg	1
444010	Disposable Ag/AgCl Electrodes, Adhesive Center Snap, 7/8" (22.2mm) square, 30/pkg	1
F-SL60	Reusable Snap Leads, 60" (1.5m) wire, 3/pkg	3
F-SL96	Reusable Snap Leads, 96" (2.4m) wire, 3/pkg	2
EC2	Genuine Grass EC2 Electrode Cream, 3.5oz (100g) tube, 10/box	1
1411003	Ten20 Conductive Paste, 4oz (114g) jar, 3/pkg	1
122-736100	NuPrep Skin Prep Gel, 4oz (114g) tube, 3/pkg	1
101432XL	Natus Retractable Measurement Tape, inches & centimeters, 1/pkg	1
103825	Non-Sterile Gauze Pads, 2" (5.1cm) square, 200/pkg	1
102107	Cotton-tipped Applicator/Swab, 6" (15.2cm) wooden stick, 100/pkg	1
EM3	Sharpie Peel-Off China Electrode Placement Markers, Blue, 12/pkg	1
1420435	Single Channel Oral/Nasal Thermistor, Adult, 78" (200cm), Embla/key connectors, 1/pkg	1
1420605	Piezo Snore Sensor, 78" (200cm), Embla/key connectors, 1/pkg	1
1420013	Nasal Cannula, Adult, 71" (181cm), 50/pkg	1
1421038	XactTrace Reusable Belt, Medium Thorax, 78" (2m) cable length, Embla/key connectors, 1/pkg	1
1421039	XactTrace Reusable Belt, Medium Abdomen, 78" (2m) cable length, Embla/key connectors, 1/pkg	1
1431002	Nonin PureLight Reusable FlexSensor, Adult, 9.3' (3 m), 1/pkg	1
1431500	Nonin Disposable FlexiWrap Adhesive Sensors, Adult, 25/pkg	1
1420117	CPAP Pressure Tube, 23.6" (60cm), 1/pkg	1

021823 - Sleep Supplies Starter Kit with Reusable XactTrace for Embla N7000		Quantity
F-E5GH-60	Genuine Grass Reusable 10mm Gold Cup Electrodes, 60" (152cm) wire, 10/box	3
1410505	Disposable Ag/AgCl Electrodes, Offset Snap Wet Gel, 1.9" (48mm) diameter, 25/pkg	5
444010	Disposable Ag/AgCl Electrodes, Adhesive Center Snap, 7/8" (22.2mm) square, 30/pkg	1
F-SL60	Reusable Snap Leads, 60" (1.5m), 3/pkg	1
1411524	Reusable Snap Lead Pairs, Orange, 78" (2m), 2/pkg	1
1411530	Reusable Snap Lead Pairs, White, 120" (3m), 2/pkg	1
1411535	Reusable Snap Lead Pairs, Black, 120" (3m), 2/pkg	1
EC2	Genuine Grass EC2 Electrode Cream, 3.5oz (100g) tube, 10/box	1
1411003	Ten20 Conductive Paste, 4oz (114g) jar, 3/pkg	1
122-736100	NuPrep Skin Prep Gel, 4oz (114g) tube, 3/pkg	1
101432XL	Natus Retractable Measurement Tape, inches & centimeters, 1/pkg	1
103825	Non-Sterile Gauze Pads, 2" (5.1cm) square, 200/pkg	1
102107	Cotton-tipped Applicator/Swab, 6" (15.2cm) wooden stick, 100/pkg	1
EM3	Sharpie Peel-Off China Electrode Placement Markers, Blue, 12/pkg	1
1420430	Single Channel Oral/Nasal Thermistor Airflow Sensor, Adult, 38" (96cm) Embla/key connectors, 1/pkg	1
1420600	Piezo Snore Sensor, 23.5" (60cm), Embla/key connectors, 1/pkg	1
1420002	Nasal Cannula, Adult, 15" (38cm), 50/pkg	1
1421035	XactTrace Reusable Belt, Medium Thorax, 15.7" (40cm), cable length, Embla/key connectors, 1/pkg	1
1421034	XactTrace Reusable Belt, Medium Abdomen, 27.5" (70cm), cable length, Embla/key connectors, 1/pkg	1
1420116	CPAP Pressure Tube, 23.6" (60cm), 1/pkg	1
1431000	Nonin PureLight Reusable FlexSensor, Adult, 3' (1m), 1/pkg	1
1431500	Nonin Disposable FlexiWrap Adhesive Sensors, Adult, 25/pkg	1

SLEEP SUPPLIES STARTER KITS

018619 - Sleep Supplies Starter Kit for Non-Embla Systems		Quantity
F-E5GH-60	Genuine Grass Reusable 10mm Gold Cup Electrodes, 60" (152cm) wire, 10/box	3
1410500	Disposable Ag/AgCl Electrodes, Adhesive Center Snap Dry Gel, 1-7/8" (48mm) circular, 30/pkg	1
444010	Disposable Ag/AgCl Electrodes, Adhesive Center Snap, 7/8" (22.2mm) square, 30/pkg	3
F-SL60	Reusable Snap Leads, 60" (1.5m) wire, 3/pkg	3
F-SL96	Reusable Snap Leads, 96" (2.4m) wire, 3/pkg	2
EC2	Genuine Grass EC2 Electrode Cream, 3.5oz (100g) tube, 10/box	1
1411003	Ten20 Conductive Paste, 4oz (114g) jar, 3/pkg	1
122-736100	NuPrep Skin Prep Gel, 4oz (114g) tube, 3/pkg	1
101432XL	Natus Retractable Measurement Tape, inches & centimeters, 1/pkg	1
103825	Non-Sterile Gauze Pads, 2" (5.1cm) square, 200/pkg	1
102107	Cotton-tipped Applicator/Swab, 6" (15.2cm) wooden stick, 100/pkg	1
EM3	Sharpie Peel-Off China Electrode Placement Markers, Blue, 12/pkg	1
1401G-H	Single Channel Oral/Nasal Thermocouple Airflow Sensor for Cannula, Adult, 78" (200cm), 1.5mm touchproof connectors	1
1420610	Piezoelectric Snore Sensor, 78" (200cm), 1.5mm touchproof connectors, 1/pkg	1
4140094	AC Pressure Flow/Snore Sensor, 8" (20.3cm), 1.5mm touchproof connectors, 1/pkg	1
1420013	Nasal Cannula, Adult, 71" (181cm), 50/pkg	1
011518	XactTrace Pre-Sized, Single Use, RIP Belts, Medium, 20/box (10 packs of 2)	1
011521	XactTrace Snap Sensor, Abdomen, 26" (66cm), yellow 2-pin connectors, 1/pkg	1
011522	XactTrace Snap Sensor, Thorax, 16" (41cm), blue 2-pin connectors, 1/pkg	1
1421048	XactTrace RIP Processor Sensor, Abdomen, 78" (200cm), 1.5mm touchproof connectors, 1/pkg	1
1421047	XactTrace RIP Processor Sensor, Thorax, 78" (200cm), 1.5mm touchproof connectors, 1/pkg	1
1420117	CPAP Pressure Tube, 23.6" (60cm), 1/pkg	1

021825 - Sleep Supplies Starter Kit with Reusable XactTrace for Non-Embla Systems		Quantity
F-E5GH-60	Genuine Grass Reusable 10mm Gold Cup Electrodes, 60" (152cm) wire, 10/box	3
1410505	Disposable Ag/AgCl Electrodes, Offset Snap Wet Gel, 1.9" (48mm) diameter, 25/pkg	2
444010	Disposable Ag/AgCl Electrodes, Adhesive Center Snap, 7/8" (22.2mm) square, 30/pkg	2
F-SL60	Reusable Snap Leads, 60" (1.5m) wire, 3/pkg	3
F-SL96	Reusable Snap Leads, 96" (2.4m) wire, 3/pkg	2
EC2	Genuine Grass EC2 Electrode Cream, 3.5oz (100g) tube, 10/box	1
1411003	Ten20 Conductive Paste, 4oz (114g) jar, 3/pkg	1
122-736100	NuPrep Skin Prep Gel, 4oz (114g) tube, 3/pkg	1
101432XL	Natus Retractable Measurement Tape, inches & centimeters, 1/pkg	1
103825	Non-Sterile Gauze Pads, 2" (5.1cm) square, 200/pkg	1
102107	Cotton-tipped Applicator/Swab, 6" (15.2cm) wooden stick, 100/pkg	1
EM3	Sharpie Peel-Off China Electrode Placement Markers, Blue, 12/pkg	1
1401G-H	Single Channel Oral/Nasal Thermocouple Airflow Sensor for Cannula, Adult, 78" (200cm), 1.5mm touchproof connectors	1
1420610	Piezoelectric Snore Sensor, 78" (200cm), 1.5mm touchproof connectors, 1/pkg	1
4140094	AC Pressure Flow/Snore Sensor, 8" (20.3cm), 1.5mm touchproof connectors, 1/pkg	1
1420013	Nasal Cannula, Adult, 71" (181cm), 50/pkg	1
1421091	XactTrace Universal Kit - Complete, 1.5mm touch proof connectors, 1/pkg	1
1420117	CPAP Pressure Tube, 23.6" (60cm), 1/pkg	1

012643 - Sleep Supplies Starter Kit for Embletta MPR ST+ Proxy		Quantity
F-E5GH-30	Genuine Grass Reusable 10mm Gold Cup Electrodes, 30" (0.76m) wire, 10/box	2
1410500	Disposable Ag/AgCl Electrodes, Adhesive Center Snap Dry Gel, 1-7/8" (48mm) circular, 30/pkg	2
F-SL48	Reusable Snap Leads, 48" (1.2m) wire, 3/pkg	2
1411541	Reusable Snap Leads, 24" (0.6m), Red, 1/pkg	1
1411542	Reusable Snap Leads, 29.5" (0.75m), Black, 1/pkg	1
1411548	Reusable Snap Leads, 24" (0.6m), Green, 1/pkg	1
122-736100	NuPrep Skin Prep Gel, 4oz (114g) tube, 1/pkg	1
EM3	Sharpie Peel-Off China Electrode Placement Markers, Blue, 12/pkg	1
101432XL	Natus Retractable Measurement Tape, inches & centimeters, 1/pkg	1
103825	Non-Sterile Gauze Pads, 2" (5.1cm) square, 200/pkg	1
016-703000	Alcohol Pads, 1.25" (3.18cm) x 2.5" (6.35cm), 200/pkg	1
102107	Cotton-tipped Applicator/Swab, 6" (15.2cm) wooden stick, 100/pkg	1
123-723900	3M Micropore Surgical Tape, 1" (2.5cm) wide, 30' (9m) roll, 1/pkg	1

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