



Natus Neurology Neurodiagnostic Supplies

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

Global Catalog



Global Technology, Local Expertise

Natus Neurology is a global market leader bringing together leading technology from Dantec, Embla, Grass, Nicolet, Schwarzer and Xitek. We provide medical instruments for disease detection and monitoring, as well as neurodiagnostic supplies and integrated connectivity solutions for neurological and vascular markets. Our mission is to improve outcomes and patient care in these markets through innovative screening, diagnostic and monitoring solutions. Natus Neurology is a trusted brand, recognized for market leadership in EMG, NCS, EP, EEG, LTM, ICU, IOM, TCD, Sleep and Neurodiagnostic Supplies.

Natus Medical Incorporated is a leading manufacturer of medical devices and software, and a service provider for the Newborn Care, Neurology, Sleep, Hearing and Balance markets. Natus products are used in hospitals, clinics and laboratories worldwide. Natus common stock trades on the NASDAQ Exchange using the symbol BABY.

See www.natus.com for additional information.

Ordering Information

Contact your Natus Neurodiagnostic Supply Sales Professional.

Did you know we offer specialized, regionally-based, sales support for your supply needs?

Experienced team members can:

- 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

US & Canada Ordering Information

How to Order-United States & Canada

US and Canadian Customers call Customer Service at 1-800-356-0007 and ask to speak with your Supply Sales Professional

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, provide quotations 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 or e-mail and your order will be processed within 24 hours. 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.

Delivery

We prepay and add shipping charges to orders. Most orders are shipped UPS Ground unless you instruct otherwise. Overnight or second day delivery is available for an additional charge.

Sales Tax

We are required by law to collect all applicable state and local sales taxes. A valid tax exemption certificate is required to avoid applicable fees, and should be provided at time of order.

Damages in Shipment

Despite our best efforts, items may occasionally be damaged in transit. Freight carriers are liable for damages only when damage is indicated on the bill of lading before you sign for shipment. Therefore, we recommend that you inspect the outside and contents of all cartons received. If any damage is found, write details on the bill of lading and ask the delivery carrier to make an inspection immediately. Per ICC regulations, it is the responsibility of the consignee to file a damage claim with the carrier promptly after inspection. For assistance and replacement information, contact our Customer Service Department.

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 Neurology.

International Ordering Information

How to Order-International

Natus Neurology Incorporated maintains a network of representative distribution companies in countries throughout the world. For sales, service or support please contact your local distributor. To find your local distributor go to our website www.natus.com and look under the Contact Tab and then Natus Worldwide.

Natus International office locations:

Natus Neurology Incorporated

3150 Pleasant View Road

Middleton, WI USA 53562

Email: GMB-intlorder.nc@natus.com

Tel: +1 608-829-8500

Customer Service Fax: +1 608-829-8770

Natus Europe GmbH

Robert-Koch-Str. 1

82152 Planegg, Germany

order.europe@natus.com

Tel: +49 89 83942-133

Fax: +49 89 83942-933

Natus France

65 bd Pierre Premier 33110

Le Bouscat, France

order.fr@natus.com

Tel: +33 5 56 08 54 76

Fax: +33 5 56 42 27 62

Natus Terms & Conditions Apply. See our website www.natus.com.

All products may not be available in all distribution centers.

Table of Contents

■ EMG 1-26

EMG Needle Electrodes.....2-8

- Concentric Needle Electrodes2-3
- Monopolar Needle Electrodes.....4-5
- Injectable Needle Electrodes.....6-7
- Single Fiber Needle Electrodes.....8
- Sensory Needle Electrodes.....8

Reusable Stimulating & Recording Electrodes.....9-15

- Bipolar Stimulating Probes9-10
- Hand-Held Stimulating Electrodes11
- Bar Electrodes.....12
- Ground Electrodes13
- Disc Stimulating/Recording Electrodes.....13
- Digital Ring Electrodes.....14
- Finger Clip Electrodes15
- St. Mark's Pudendal NCS Electrode15

Disposable Adhesive Electrodes16-21

- Adhesive Electrode with Lead Wires Attached16-18
- Adhesive Tab Electrodes.....19-20
- Alligator-clip Lead Wires.....20
- Adhesive Snap Electrodes.....21
- Snap Electrode Lead Wires21

Ancillary EMG Items.....22-26

- Optional Cables & Adaptors22-23
- Temperature Probes & Electrodes.....24
- Reflex Hammer24
- Sharps Container24
- EMG Needle Holders25
- Velcro Straps.....25
- Acceleration Sensors.....25

Multi-Media Training Material.....26

■ EP 27-31

Auditory28-30

- Tubal Insert Phones (TIPs) Kits28
- Tubal Insert Phones (TIPs) Supplies29-30

EP Electrodes 30

EP Goggles & Headphones 31

■ EEG 32-42

EEG Electrodes.....33-38

- Grass Gold & Silver Reusable Cup Electrodes.....34
- Other Reusable & Disposable Cup Electrodes.....35-36
- Electrode Caps.....37
- Integrated Head Cap Systems.....38

Cortical Stimulation 39

- Cortical Stimulation Probe.....39

Ancillary EEG Supplies39-41

- Electrode Lead Extensions, Linkers/Jumpers, Adaptors.....39-41

Educational Aids.....42

continued on next page

Table of Contents

IOM..... 43-50

IOM Electrodes 44-47

- Subdermal Needle Electrodes 44-45
- Scalp Electrodes 45
- Corkscrew Electrode 46
- Hook-Wire Electrodes 46
- Strip & Grid Electrodes 46
- Nasopharyngeal Electrodes 47

IOM Probes..... 48-49

- Disposable Probes..... 48
- Stimulating Probes..... 49

Ancillary IOM Items..... 50

SLEEP..... 51-74

Sensors 52-67

- Respiratory Effort..... 52-56
- Piezo Respiratory Effort Belts 57
- Airflow..... 58-60
- Snore Sensors 61
- Body Position Sensors..... 62
- Limb Movement Sensor Kits 63
- Pressure Flow/Snore 63
- Oximetry 64-67

Cannulas 68-70

Ancillary Sleep Supplies 71

- Electrodes 71
- Snap Leads 72-73
- Velcro Straps..... 73

APPLICATION PRODUCTS..... 75-80

Electrode Creams, Pastes, Gels..... 76-77

Skin Preps..... 77-78

Ancillary Application Supplies 78-79

Electrode Placement 80

Cleaners..... 80

NATUS SUPPORT 81

ORDERING INFORMATION 82-83

INDICES 85-93

Part Number Index..... 85-88

Subject Index 89-93

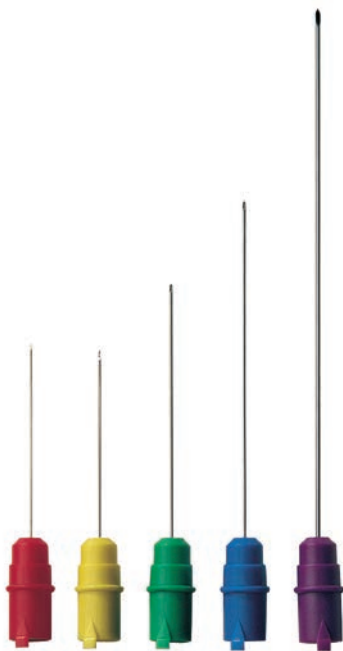


Natus EMG Supplies

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 cannula with optimal sharpness increases patient comfort during insertion
- Cannula is coated to reduce friction and required force while increasing patient comfort
- Stainless steel cannula provides strength for efficient penetration and flexibility for precise adjustments
- Color-coded hub provides a firm grip, orientation-free connection and recording area direction indicator
- Low impedance levels for accurate recordings
- Stainless steel needle features precision-centering (99.9% concentricity) of the inner tungsten core which assures reliable and accurate signal detection
- 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?

In 1987 TECA introduced the first disposable concentric needle!

EMG NEEDLE ELECTRODES

Concentric Needle Electrodes

Dantec DCN™ Disposable Concentric Needle Electrodes

- Consistently sharp for increased patient comfort
- Stainless steel cannula provides strength for efficient penetration and flexibility for precise adjustments
- Each needle has a matching color-coded hub with a raised bevel indicator so the direction of the recording surface is always known
- Ergonomically designed coaxial hub facilitates easy connection into HUSH electrode cables
- Provides low impedances for accurate recordings
- Insulated palladium core within a stainless steel cannula provides accurate, reliable signal detection
- Pre-Sterilized

Part Number	Length	Needle diameter	Recording area (mm ²)	Hub color	Quantity
9013S0012	1" (25mm)	0.30mm (30G)	0.019	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)

HUSH® Shielded Cables for Dantec DCN Electrodes are available in two convenient lengths. Cables fit most EMG instruments.

Part Number	Length	Electrode End	Instrument end
9013C0013	39" (1m)	Coaxial Plug	5-pin DIN
9013C0023	78" (2m)	Coaxial Plug	5-pin DIN



Dantec Autoclavable Concentric Needle Electrodes

- Insulated platinum wire located inside a stainless steel cannula
- Muscle action potentials are picked up by the tip of the platinum wire, with the cannula as the indifferent electrode

Part Number	Length	Needle Diameter	Recording Area (mm ²)	Quantity
9013L0582	0.79" (20mm)	0.30mm (30G)	0.019	1/pkg
9013L0513	0.79" (20mm)	0.45mm (26G)	0.07	1/pkg
9013L0503	1.18" (30mm)	0.45mm (26G)	0.07	1/pkg
9013L0493	1.57" (40mm)	0.45mm (26G)	0.07	1/pkg
9013L0312	1.65" (42mm)	0.65mm (23G)	0.07	1/pkg
9013L0302	2.56" (65mm)	0.65mm (23G)	0.07	1/pkg



Cable for Dantec Autoclavable Concentric Needle Electrodes

Part Number	Length	Electrode End	Instrument end
9013L0014	39" (1m)	Mini-Socket	5-pin DIN



EMG NEEDLE ELECTRODES

Monopolar Needle Electrodes



TECA Elite Disposable Monopolar Needles

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

- Stainless steel needle, manufactured with a cutting edge tip to help aid in trouble-free penetration
- Color-coded by needle size for easy identification
- Consistently low impedance levels for accurate recordings
- Reusable, ultra-flexible rubber coated lead cable included (Part # 902-RLC-TP)
- Coated with a low friction insulator that is designed to facilitate ease of repositioning
- 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

Product Information – TECA Disposable Monopolar needle electrodes are made of stainless steel, coated with an insulator. Individually sealed, sterilized by gamma irradiation.

TECA Disposable Monopolar Needles

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, ultra-flexible rubber coated lead cable included (Part # 902-RLC-TP)
- 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

Product Information – TECA Disposable Monopolar needle electrodes are made of stainless steel, coated with an insulator. Individually sealed, sterilized by gamma irradiation.



Reusable Lead Cable

Included with TECA Disposable Monopolar needles electrodes

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

Dantec DMN™ Disposable Monopolar Needle Electrodes

- Stainless steel needle, conically sharpened and coated for trouble-free penetration
- Color-coded by needle size for easy identification
- Shielded and unshielded cables are available
- Consistently low impedance levels for accurate recordings
- Pre-Sterilized

Part Number	Length	Needle Diameter	Recording Area (mm ²)	Hub Color	Quantity
9013S0612	1" (25mm)	0.33mm / 28G	0.30	Orange	1/pouch - 48/box
9013S0622	1" (25mm)	0.40mm / 26G	0.30	Green	1/pouch - 48/box
9013S0632	1.5" (37mm)	0.33mm / 28G	0.30	Light Blue	1/pouch - 48/box
9013S0642	1.5" (37mm)	0.40mm / 26G	0.30	Blue	1/pouch - 48/box
9013S0652	2" (50mm)	0.40mm / 26G	0.30	Red	1/pouch - 48/box
9013S0662	3" (75mm)	0.40mm / 26G	0.30	Yellow	1/pouch - 48/box



Cables for Dantec Monopolar Needle Electrodes

Part Number	Length	Description	Electrode End	Instrument End
9013C0032	39" (1m)	Shielded Cable	DMN Connector	5-pin DIN
9013C0042	59" (2m)	Unshielded Cable	DMN Connector	1.5mm touchproof

Disposable Monopolar Needle Electrodes with Lead Wire Attached

- Stainless steel needle with consistently sharp tip and Teflon-coating for easy insertion
- 24" 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, purple or gray cap, and lead wire
- Pre-Sterilized

Part Number	Length	Needle Diameter	Cap Color	Quantity
101190	1.5" (37mm)	0.40mm(26G)	Pink	1/pouch - 50/box
101192	1.75" (44mm)	0.36mm(27G)	Purple	1/pouch - 50/box
101193	2" (50mm)	0.40mm(26G)	White	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" 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 & 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



EMG NEEDLE ELECTRODES

Injectable Needle Electrodes

TECA MyoJect Disposable Luer Lock Needle Electrodes

For therapy and nerve block procedures

- Locked needle is more likely to be seepage free
- 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

- Low loss hub reduces serum waste
- Records EMG activity while allowing injection of medication
- Stainless steel hypodermic needle, point stays sharp through multiple injection sites
- Connects with both Luer Lock and Slip Fit syringes
- Color-coded handle/package for easy identification
- Cable length 35.5" (90cm), terminating in 1.5mm female touchproof connector
- Pre-Sterilized

Part Number	Needle Length	Needle Diameter	Package Color	Quantity
9013S0422	1" (25mm)	0.30mm (30G)	Orange	1/Pouch - 12/Pack
9013S0432	1" (25mm)	0.41mm (27G)	Green	1/Pouch - 12/Pack
9013S0442	1.5" (37mm)	0.41mm (27G)	Light Blue	1/Pouch - 12/Pack
9013S0472	1.5" (37mm)	0.46mm (26G)	Blue	1/Pouch - 12/Pack
9013S0452	2" (50mm)	0.46mm (26G)	Red	1/Pouch - 12/Pack
9013S0462	3" (75mm)	0.64mm (23G)	Yellow	1/Pouch - 12/Pack



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



Contact your Natus Neurology sales representative or distributor for information regarding the Clavis™ handheld device, which delivers a fast and easy pathway for injection of medicinal products.



- Provides EMG recording and stimulation with mobility and simplicity
- Combines quality with ease and flexibility

EMG NEEDLE ELECTRODES

Single Fiber Needle Electrodes

Dantec Autoclavable Single Fiber Needle Electrode

- Platinum recording surface presented through a side port opposite the cutting edge bevel
- Core diameter is 25µm



Part Number	Length	Needle Diameter	Quantity
9013K0873	1.57" (40mm)	0.45mm (26G)	1/pkg

Needle Holder

- Cable for Dantec Autoclavable Single Fiber Needle Electrodes



Part Number	Length	Electrode End	Instrument End	Quantity
9013L0014	39" (1m)	Mini-Socket	5-pin DIN	1/pkg

Natus Reusable Indicator Single Fiber Needles

- 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	Type	Length/Diameter	Quantity
019-425900	Indicator Single Fiber Needle	1" (25mm) / 0.35mm (27g)	1/pkg
019-426000	Indicator Single Fiber Needle	1.6" (40mm) / 0.46mm (26g)	1/pkg

Natus Needle Holder

- Kevlar® Cable for Natus Reusable Indicator Single Fiber Needle Electrodes
- 47" (1.2m) cable length with all-plastic DIN connector and gold-plated subminiature electrode connector



Part Number	Length	Quantity
085-444700	47" (1.2m)	1/pkg

Sensory Needle Electrodes

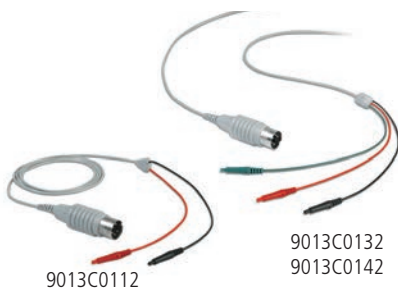
Dantec Disposable Sensory Needle Electrodes

- 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	Quantity
9013R0243	0.59" (15mm)	0.35 mm (28G)	Reference 3.5 mm ²	25/pkg
9013R0213	0.59" (15mm)	0.70 mm (22G)	Reference 8.0 mm ²	25/pkg
9013R0272	0.79" (20mm)	0.35 mm (28G)	Active 2.0 mm ²	25/pkg
9013R0253	1.18" (30mm)	0.35 mm (28G)	Active 2.0 mm ²	25/pkg
9013R0223	1.18" (30mm)	0.70 mm (22G)	Active 5.0 mm ²	25/pkg
9013R0233	1.97" (50mm)	0.70 mm (22G)	Active 5.0 mm ²	25/pkg

Cables for Dantec Disposable Sensory Needle Electrodes



9013C0112

9013C0132
9013C0142

9013C0152

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

STIMULATING & RECORDING ELECTRODES

Bipolar Stimulating Probes

Deluxe Bipolar Stimulating Probe

- Ergonomically designed for quick and easy testing
- Controls for stimulus intensity, stimulus on/off, acquire on/off, next, stimulus duration up/down, polarity switch
- Supplied with straight and angled probe tips

Part Number	Type	Quantity	Compatibility
031K074	Deluxe Bipolar Stimulator Probe	1/pkg	Nicolet Synergy Plinth & Synergy PIU EMG systems
031D067	Straight Probe Tip Replacement Head	1/pkg	
031D068	Angled Probe Tip Replacement Head	1/pkg	
031D035	Adjustable Tip Replacement Head	1/pkg	



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 & Natus UltraPro S100 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

STIMULATING & RECORDING ELECTRODES

Bipolar Stimulating Probes

Advanced Stimulation Handgrip



Part Number	Length	Description	Instrument End	Quantity	Compatibility
9031E0171	98" (2.5m)	Advanced Stimulation Handgrip	6-pin DIN	1/pkg	Dantec Keypoint Focus & Natus UltraPro S100 systems only

Reusable Stimulation 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



Stim Probe Tip with Prongs for 101963XL Probe above

Part Number	Description	Quantity
101284	Stim Probe Tip with prongs	1/pkg

Hand-Held Bipolar Stimulator Probe with Stainless Steel Tips

- Terminates in two 1.5mm touchproof connectors
- 2mm lead length, 12mm spacing between tips



Part Number	Type	Length	Quantity	Compatibility
9523-7-TP	Bipolar Stimulator	79" (2m)	1/pkg	Most EMG systems

Replacement Stainless Steel Tips (not pictured)

- For use with 9523-7-TP Hand-Held Stimulator Probe only
- 12mm spacing between Tips, 2m lead length

Part Number	Quantity
9541-7-TP	1/pkg

Small Stimulating Electrode

- Terminates in two 1.5mm touchproof connectors
- 12.7mm tip spacing, ideal for pediatric studies & blink reflex testing



Part Number	Type	Length	Quantity	Compatibility
019-403800	Bipolar Stimulator	39" (1m)	1/pkg	Most EMG systems

STIMULATING & RECORDING ELECTRODES

Hand-Held 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 6mm felt tips diameter pads 23mm apart	5-pin DIN	1/pkg	Dantec Keypoint, Keypoint Focus & Natus UltraPro S100 EMG systems only
9013L0352	79" (2m)	Two 3mm felt tips diameter pads 10mm apart	5-pin DIN	1/pkg	
9013L0222	79" (2m)	Two 6mm felt tips diameter pads 23mm apart fixed handle	5-pin DIN	1/pkg	



Replacement Felt Tips for the Hand-Held Stimulating Electrodes are available in two sizes.

Part Number	Length	Diameter	Quantity
9013L3522	7mm	7.5mm	100/pkg
9013L3532	8mm	3mm	100/pkg

Hand-Held Felt Pad Stimulating Electrode

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

Part Number	Description	Quantity	Compatibility
102733	Felt Pad stimulator with T-Bar handle & 10 pack of felt pads	1/pkg	Xltek EMG systems only
102227	Felt Pads	50/pkg	
101405	T-Bar Handle	1/pkg	



Important Information - Before use, felt tips should be soaked in a normal saline solution for a few minutes and then coated with a small amount of electrolyte gel and applied to each.



DID YOU KNOW?

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

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-Handle

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

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



HUSH Bipolar Bar Electrode

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

Part Number	Length	Description	Instrument End	Quantity	Compatibility
901350352	39" (1m)	2 x 10mm discs with 30mm spacing	5-pin DIN	1/pkg	Dantec Keypoint, Keypoint Focus & Natus UltraPro S100 EMG systems only



Bipolar Bar Electrode

- Terminates in two 1.5mm touchproof connectors
- 9mm gold plated discs, 30mm spacing
- Coded for polarity

Part Number	Type	Length	Quantity	Compatibility
019-431400	Bipolar Disc	20" (0.5m)	1/pkg	Most EMG systems
019-401400	Bipolar Disc	39" (1m)	1/pkg	



Bipolar Bar Electrode

- Terminates in two 1.5mm touchproof connectors
- 10mm stainless steel discs, 30mm spacing

Part Number	Type	Length	Quantity	Compatibility
019-446700	Bipolar Disc	39" (1m)	1/pkg	Most EMG systems

Important Information - Before use, felt tips should be soaked in a normal saline solution for a few minutes and then coated with a small amount of electrolyte gel and applied to each.

STIMULATING & RECORDING ELECTRODES

Ground Electrodes

Reusable Ground Strap Electrode

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

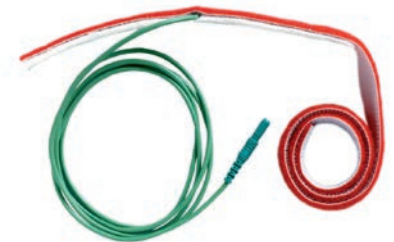
Part Number	Length	Width	Instrument End	Quantity	Compatibility
9013S0714	4" (10cm)	0.6" (15mm)	1.5mm female touchproof	1/pkg	Most EMG systems
9013S0735	7" (18.5cm)	0.8" (20mm)	1.5mm female touchproof	1/pkg	
9013S0775	18" (45cm)	0.8" (20mm)	1.5mm female touchproof	1/pkg	
9013S0745	30" (75cm)	0.8" (20mm)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



Reusable Ground Strap Electrode

- Velcro® wraparound ground electrode designed for soaking in saline solution
- Easy to place and comfortable for patient
- 49" (1.25m) lead wire attached, terminates in touchproof connectors

Part Number	Type	Lead Length	Quantity	Compatibility
019-405900	Adult (54cm)	49" (1.25m)	1/pkg	Most EMG systems
019-415900	Pediatric (24cm)	49" (1.25m)	1/pkg	



Reusable Disc Ground Electrode

- Long-lasting stainless steel disc
- Green lead wire attached, terminating in 1.5mm touchproof connector

Part Number	Type	Lead Length	Diameter	Quantity	Compatibility
019-401200	Stainless Steel	30" (0.75m)	30.5mm	1/pkg	Most EMG systems
9013L0862	Stainless Steel	47" (1.2m)	30mm	1/pkg	



Disc Stimulating/Recording Electrodes

HUSH® Disc Electrodes

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

Part Number	Length	Description	Instrument End	Compatibility
9013S0402	39" (1m)	2 x 10mm discs	5-pin DIN	Dantec Keypoint, 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 Touchproof Connectors	1 pair/pkg	Most EMG systems
6030-3-TP	Separate Leads	39" (1m)	1.5mm Touchproof Connectors	1 pair/pkg	
9013S0412	Adjustable Twisted Leads	39" (1m)	1.5mm Touchproof Connectors	1 pair/pkg	



STIMULATING & RECORDING ELECTRODES

Digital Ring Electrodes



Digital Ring Electrode

- Terminates in 1.5mm touchproof connectors
- Two spring, stainless steel, adjustable rings

Part Number	Type	Lead Length	Quantity	Compatibility
6032-TP	Digital Ring Electrodes	18" (46cm)	1 pair/pkg	Most EMG systems
5032-TP	Digital Ring Electrodes	36" (1m)	1 pair/pkg	



Digital Ring Electrode

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

Part Number	Length	Description	Instrument End	Quantity	Compatibility
9013S0302	39" (1m)	2 x Digital Rings	5-pin DIN	1/ea	Dantec Keypoint, Keypoint Focus & Natus UltraPro S100 EMG systems only



Digital Ring Electrode

- Terminates in 1.5mm touchproof connectors
- Two adjustable rings

Part Number	Length	Description	Instrument End	Quantity	Compatibility
9013S0312	39" (1m)	2 x Digital Rings	2 x 1.5mm female touchproof	1/ea	Most EMG systems



Large Digital Ring Electrode

- Terminates in 1.5mm touchproof connectors
- Two large adjustable rings provide optimal results for pudendal studies

Part Number	Length	Description	Instrument End	Quantity	Compatibility
9013S0332	47" (1.2m)	2 x Digital Rings	2 x 1.5mm female touchproof	1/ea	Most EMG systems



Velcro® Digital Ring Electrode

- Saline soak electrodes to eliminate electrolyte gel; reusable

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

*Includes cable

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

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

STIMULATING & RECORDING ELECTRODES

Finger Clip Electrodes

Finger Clip Electrode

- Terminates in 1.5mm touchproof connectors
- Reusable stainless steel finger clip electrodes
- Easy-to-use spring-action for quick placement

Part Number	Type	Lead Length	Quantity	Compatibility
019-429300	Finger Clip Electrodes	24" (60cm)	1/pkg	Most EMG systems



St. Mark's Pudental NCS Electrode

St. Mark's Pudental NCS Electrode

- Diagnostic tool for evaluation of patients with pelvic floor disorders
- Combined stimulation and recording electrode used with EMG systems for determination of pudental 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	10/pkg	Most EMG systems



Cable for St. Mark's Pudental NCS Electrode

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

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

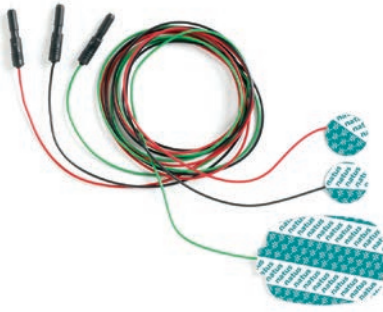


DID YOU KNOW?

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

ADHESIVE ELECTRODES

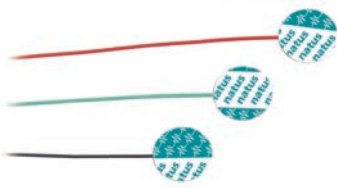
Adhesive Electrodes with Lead Wires Attached



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

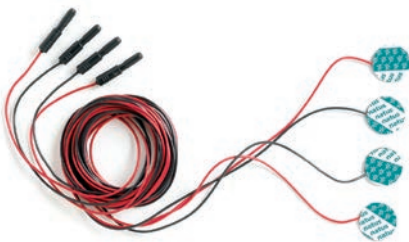
Part Number	Type	Lead Length	Quantity	Compatibility
019-439400	Disc	20" (0.5m)	24 sets/pkg	Most EMG systems
019-414200	Disc	39" (1m)	24 sets/pkg	



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

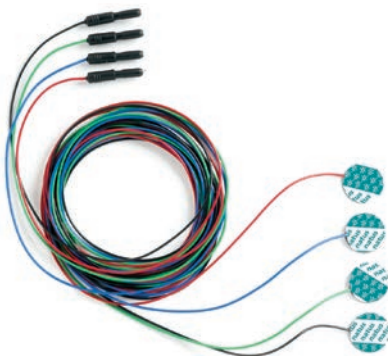
Part Number	Type	Lead Length	Quantity	Compatibility
019-406600	Tab	39" (1m)	24 pair/pkg	Most EMG systems



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	

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 Electrodes

- 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 Ag/AgCl electrodes per set
- Overall electrode size 0.474mm²; recording area 0.54mm²
- 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; 2"x 4" surface area
- Ideal for ICU or electrically challenging environment

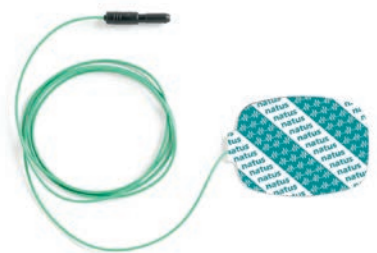
Part Number	Type	Lead Length	Quantity	Compatibility
019-422200	2X4 Ground	59" (1.5m)	24 pouches/pkg	Most EMG systems



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	4" (10cm)	0.7mm male touchproof	12/pkg	Dantec Keypoint, Keypoint Focus & Natus UltraPro S100 EMG systems only
9013S0242	9mm x 6mm	3" (8cm)	0.7mm male touchproof	12/pkg	
9013L0453	9mm x 6mm	20" (50cm)	1.5mm female touchproof	12/pkg	
9021S0235	20mm x 25mm	9" (20cm)	0.7mm male touchproof	12/pkg	



Non-Gelled Surface Electrodes

- 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, Keypoint Focus & Natus UltraPro S100 EMG systems only



DID YOU KNOW?

Both humans and long-necked giraffes have seven cervical vertebrae

ADHESIVE ELECTRODES

Adhesive Tab Electrodes

Disposable Ground/Tab Electrodes

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

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



Disposable Wide Version Ring Electrodes

- 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 Electrodes

- 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 Electrodes

- 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 Electrodes

- 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	1 pack of 10 sheets	Most EMG systems

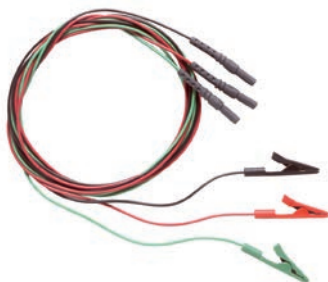


Care 310® Disposable Ground Electrodes

- Pre-gelled Ag/AgCl 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	1 pack of 10 sheets	Most EMG systems

Alligator-clip Lead Wires



Alligator-clip Lead Wire Kits

- Lead wires terminate in 1.5mm touchproof connectors
- 1.25m, 49" lead wire length
- 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
- 61cm, 24" lead wire length
- Designed for use with disposable tab electrodes without lead wires
- One set per pack

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

ADHESIVE ELECTRODES

Adhesive Snap Electrodes

Disposable Dual-Surface EMG Electrode

- Wet gel and foam conductive area are 20mm center-to-center
- Platinum four-contact strip; Ag/AgCl coated eyelet insert
- Ideal for surface EMG and NCV studies or electrical stimulation
- Requires reusable alligator-clip lead wires

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



Snap Electrode Lead Wires

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



ANCILLARY EMG ITEMS

Optional Cables & Adaptors



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 electrode and active lead terminating in a female touchproof connector

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



Shielded 3-in-1 Extension Cable

- Shielded monopolar acquisition extension cable with 5-pin DIN to ground and reference clips plus active lead female 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



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



9013C0232

HUSH® 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	
9013P0622	Unshielded	31" (80cm)	Clip Connector - Black	1.5mm Touchproof Connector	1/pkg	
9013P0642	Unshielded	31" (80cm)	Clip Connector - Red	1.5mm Touchproof Connector	1/pkg	



9013P0602

9013P0642

9013P0622

ANCILLARY EMG ITEMS

Optional Cables & Adaptors

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
- All yoke cables include 3 color-coded 1.5 male touchproof connectors (red, green, black) plus a 5-pin DIN female connector

Part Number	Length	Instrument End	Quantity	Compatibility
9013C0302	59" (1.5m)	5-pin DIN - Right Angle	1/ea	Most EMG amplifiers
9013C0312	59" (1.5m)	5-pin DIN - Straight	1/ea	
9013C0402	4" (0.1m)	5-pin DIN - Straight	1/ea	
9013C0422	157" (4m)	5-pin DIN - Right Angle	1/ea	



Touchproof to DIN Adaptor Cable

- 5-pin DIN female connector to touchproof connectors

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



Extension Cable for Monopolar Needles

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

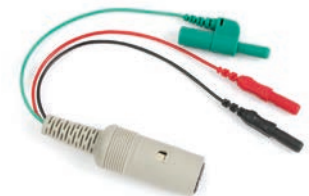
Part Number	Length	Quantity	Compatibility
902-EX-TP	24" (61cm)	6/pkg	Most EMG systems



Natus Concentric Cable Adaptor

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

Part Number	Description	Length	Quantity	Compatibility
085-417401	Adaptor Cable	6" (15.2cm)	1/ea	Pudendal, bar & hend held stimulating electrodes



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
- 72" cable length with 4mm male phone plug
- For use with children and adults

Part Number	Type	Length	Quantity	Compatibility
268-411800	Flexible Surface Temp Probe	48" (1.2m)	1/pkg	Nicolet Viking & EDX systems only
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

Reflex Hammer



Tendon (Reflex) Hammer

- For mechanical triggering in reflex studies
- Length of hammer: 24cm
- Cable terminates in 1/8" mini-phone plug

Part Number	Type	Lead Length	Quantity	Compatibility
842-116700	Tendon Hammer	120" (3.0m)	1/pkg	Nicolet Viking & EDX 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 machine 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

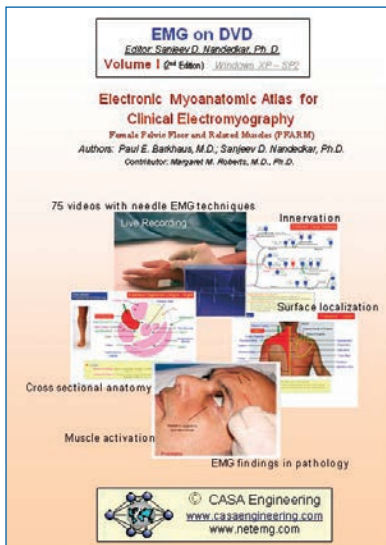
Order #	Description	Quantity	Compatibility
9013L0241	Acceleration transducer with 200cm cable	1/ea	Dantec Keypoint only

*Not for sale in USA



DID YOU KNOW?

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



Electronic Myoanatomic Atlas for Clinical Electromyography (3 Volumes)

Second Edition by Paul E. Barkhaus, MD, and Sanjeev D. Nandedkar, PhD.

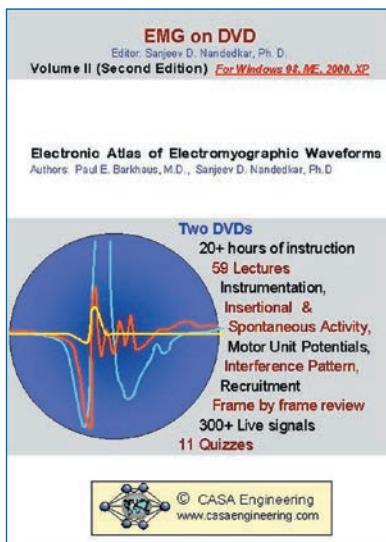
EMG on DVD Series Editor: Sanjeev D. Nandedkar, PhD

Volume 1 includes:

- Demonstrations of muscle localization and activation techniques for EMG examinations
- 70 digital video clips of commonly tested muscles with needle EMG techniques
- 300+ still images with anatomical landmarks
- Compatible with Windows® XP and Windows® 7

Volume 2 includes:

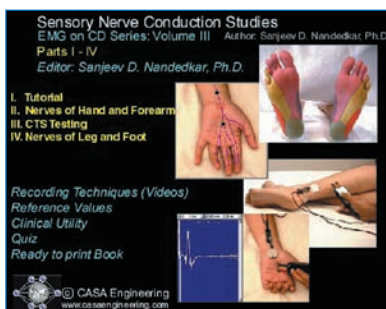
- Detailed lectures describing physiology, pathology, waveform recognition and characterization, methods for capturing the potential interpretation and reporting
- Workshops demonstrating EMG techniques using signals recorded in normal subjects and in patients with a variety of neuromuscular diseases
- Quizzes test knowledge, provide feedback and aid preparation for Board examinations
- Overall, over 20 hours of instruction are provided, including 59 lectures and analysis of 227 signals in workshops
- Compatible with Windows® 98/ME/2000/XP/Vista/Windows® 7



Volume 3 includes:

- Videos teach good technique to help produce reliable and reproducible results with sensory nerve conduction studies
- Videos feature simultaneous display of a patient and a recording signal as in real workshops
- Emphasis is on electrode placement, improving signal quality and minimizing technical artifacts
- Increases the learner's confidence with sensory nerve conduction studies
- Compatible with Windows® 95/98/ME/XP/Windows® 7

Part Number	Description	Quantity
017W082	Volume 1 (Second Edition) Electronic Myoanatomic Atlas for Clinical Electromyography (DVD)	1/pkg
017W076	Volume 2 (Second Edition) Electronic Atlas of Electromyographic Waveforms (9 CD-ROMs)	1/pkg
017W077	Volume 2 (Second Edition) Electronic Atlas of Electromyographic Waveforms (2 DVD-ROMs)	1/pkg
CD-SNT&P	Volume 3 Sensory Nerve Conduction Studies (DVD)	1/pkg





Natus EP Supplies

Auditory • EP Electrodes • EP Goggles & Headphones

AUDITORY

Tubal Insert Phones (TIPs) Kits

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



Reusable Left & Right Tubal Insert Phones with Cable

- Three red & 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 adaptors

Part Number	Description	Quantity	Compatibility
041-704000	TIP 300 Kit	1 kit/pkg	Nicolet systems Tubal Insert Phone (TIPs) Kit

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 & 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 adaptors

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

AUDITORY

Tubal Insert Phones (TIPs) Supplies

Disposable Polyurethane Foam Ear Tips

- Single patient use only

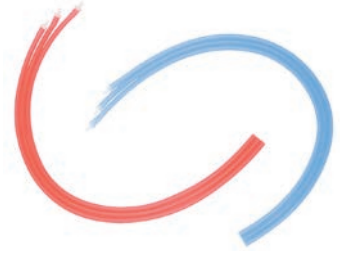
Part Number	Type	Quantity	Compatibility
103342	18mm, yellow	24/pkg	All Natus Tubal Insert Phones
1700-9604	13mm, yellow	50/pkg	
1700-9605	10mm, beige	50/pkg	



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 Adaptor Tip

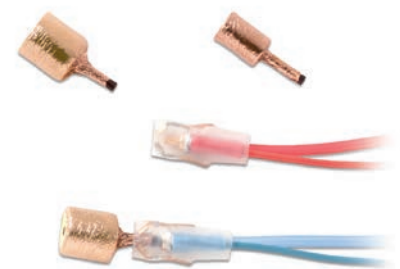
Part Number	Type	Quantity	Compatibility
019-428400	Adaptor Tip	4/pkg	Nicolet TIPs system 041-704000



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	1pair/pkg	



Replacement Ear Tips

- For use with 019-428400 Impedance Adaptor 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

- Pre-gelled Ag/AgCl foam-backed electrode with 15mm recording area
- Requires reusable snap lead wires which can be found in the EEG 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, 1" x 1" contact/recording area
- Requires reusable snap lead wires which can be found in the EEG and EMG sections of this catalog

Part Number	Type	Quantity	Compatibility
019-767700	Rectangle Snap	25 pkg/box	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 touchproof connectors

Part Number	Type	Lead Length	Quantity	Compatibility
842-216700	Contact Lens	28" (70cm)	12/pkg	Most EP systems

EP GOGGLES & HEADPHONES

Goggles

Nicolet® Viking™ Goggles

Part Number	Description	Compatibility
842-106504	LED Goggles	Any Nicolet Viking system & Synergy 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® Viking™ Headphones

Part Number	Description	Compatibility
828-202700	Unshielded Headphones, 300 Ohm	Any Nicolet Viking & Synergy EDX with auditory stimulator
828-202300	Shielded Headphones, 300 Ohm	



828-202700



828-202300

Dantec™ Keypoint® Headphones

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



Natus Neurology Service

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.

Natus Neurology 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



natus[®]
neurology

At Natus Neurology, 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



FH Series hand-crafted touchproof connector



FD Series extra-width touchproof connector



F and FS Series molded plastic touchproof connector

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 deep, 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: brown, red, orange, yellow, green, blue, violet, gray, white, tan

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

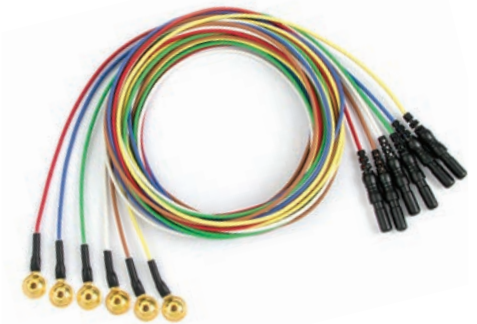
EEG ELECTRODES

Other Reusable & Disposable Cup Electrodes

Grass Reusable "Tangle Free" 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 – green, blue, yellow, gray, pink and purple

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 – green, blue, yellow, gray, pink and purple

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 – green, blue, yellow, gray, pink and purple

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

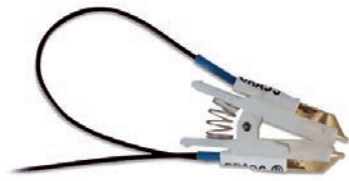
Other Reusable & Disposable Cup Electrodes



Grass Disposable EEG Cup Electrodes

- Ag/AgCl coated ABS cup with 2mm hole
- Single use eliminates the risk of cross-contamination
- No cleaning & maintenance; use once and throw away
- Tangle free lead wires terminating in 1.5mm touchproof connectors
- Compatible with popular gels, creams and adhesives
- Five lead wire colors: two each – red, green, white, yellow, blue

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 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
019-405100	10mm Silver	39" (1m)	1 pair/pkg
019-405500	10mm Ag/AgCl	39" (1m)	1 pair/pkg
019-405200	6mm Gold	39" (1m)	1 pair/pkg
019-405000	6mm Silver	39" (1m)	1 pair/pkg
019-405400	6mm Ag/AgCl	39" (1m)	1 pair/pkg



Natus Reusable Ear Clip Electrode

- Pair of electrodes mounted on a spring-steel clamp
- Two ear clip electrodes per package
- 1.5mm touchproof connectors

Part Number	Type	Lead Length	Quantity
103095	9.5mm Gold	48" (1.22m)	1 pair/pkg

EEG ELECTRODES

Electrode Caps

Electro-Caps, Cables & Related Supplies

- EEG electrode application technique
- Caps made of an elastic fabric with recessed, pure tin electrodes attached to the fabric
- Electrodes are positioned to the International 10-20 Electrode Placement
- Patients should always be measured to determine proper cap size

Part Number	Type/Description	Quantity
122-409400	Electro-Cap E1-L Large (58-62cm), Blue	1/pkg
122-409500	Electro-Cap E1-M Medium (54-58cm), Red	1/pkg
122-409600	Electro-Cap E1-SM Small (50-54cm), Yellow	1/pkg
ACE313	Electro-Cap E1-XSM Extra Small (46-50cm), Green	1/pkg
ACE322	Infa-Cap I I1-1 (42-46cm), Blue, 10/20	1/pkg
ACE323	Infa-Cap II I1-2 (38-42cm), Pink, modified	1/pkg
ACE324	Infa-Cap III I1-3, (34-38cm), Brown, modified	1/pkg
ACE332	Custom Cap 21 electrodes Large Blue (20 electrodes+Oz)	1/pkg
ACE333	Custom Cap 21 electrodes Medium Red (20 electrodes+Oz)	1/pkg
ACE334	Custom Cap 21 electrodes Small Yellow (20 electrodes+Oz)	1/pkg
ACE335	Custom Cap 21 electrodes Extra Small Green (20 electrode+Oz)	1/pkg
ACE339	Custom Infa-Cap I (42-46cm) Blue (20 electrodes+Oz)	1/pkg
ACE340	Custom Infa-Cap II (38-42cm) Pink (10 electrodes+Oz)	1/pkg
ACE341	Custom Infa-Cap III (34-38cm) Brown (10 electrodes+Oz)	1/pkg
635546NED	Custom Infa-Cap 1/2 (40-44cm)Blue/Pink with reference 21 flat electrodes 25-pol(I1-1/2FR-21-25)	1/pkg
635547NED	Custom Infa-Cap 2/3(36-40cm) Pink/Brown with reference 21 flat electrodes 25-pol (I1-2/3FR-21-25)	1/pkg
635583NED	Electrode Board Adaptor with 1.5mm touchproof, 20 ports (E-2-2520-26)	1/pkg
635584NED	Electrode Board Adaptor with 1.5mm touchproof, 21 ports (E-2-2521-26)	1/pkg
635585NED	Electrode Board Adaptor 25/37 Schwarzer EPAS (E-2-2537-S-D)	1/pkg
685022	Electrode Board Adaptor 50-pol for Schwarzer (E-2-2550-SN-D)	1/pkg
637038NE	Electrode Board Adaptor for EEG 1042 (31BA)	1/pkg
637039NE	32BA 40-pin flat cable assembly, short, approx. 15cm (32BA)	1/pkg
ADE011	Body Harness, Large (44-52") E3-L	1/pkg
ADE012	Body Harness, Medium (30-44") E3-M	1/pkg
ADE013	Body Harness, Small (21-30") E3-SM	1/pkg
ADE020	Infa-Body Harness I2	1/pkg
AEE112	Quick Insert Electrode with 1.5mm touchproof E45	1/pkg
635582NED	Quick Insert Electrode with 1.5mm touchproof E-4-Z-26	1/pkg
ADE016	Disposable Sponge Discs (100/pkg) E6	1/pkg
635550NED	Needle/Syringe Kit (2-16g blunted needles, 1 syringe sterile) E7	1 kit/pkg
635593NED	Syringe, 5cc (125/pkg) sterile E7B	1/pkg
635551NED	Special Blunted Needle, 16g (100/pkg) sterile E8B	1/pkg
635595NED	Electro-Gel (16oz) E9	1/pkg
635578NED	Special Head Measuring Tape E12	1/pkg
635579NED	Infa-Head Measuring Tape I3	1/pkg
635558NED	Cap Strap, Large E13-L	1/pkg
635564NED	Cap Strap, Medium E13-M	1/pkg
635565NED	Cap Strap, Medium/Small E13-MS	1/pkg
635560NED	Cap Strap, Small E13-S	1/pkg
635568NED	Cap Straps, Small, for Infa-Cap I, I13-1	1 pair
635569NED	Cap Straps, Small, for Infa-Cap II, I13-2	1 pair
635570NED	Cap Straps, Small, for Infa-Cap III, I13-3	1 pair
635574NED	Chin Strap, 5"(12.7cm) E23-5	1/pkg
635575NED	Chin Strap, 7"(17.8cm) E23-7	1/pkg



Electro-Cap Systems

The Electro-Cap System I includes the following:

- One each: medium cap; electrode board adaptor; medium body harness; quick insert electrode; pair of ear electrodes; needle/syringe kit; Electro-Gel 16oz; special head measuring tape; Ivory Liquid 14oz; instruction manual

- One pack of 100 Disposable Sponge Discs

The Electro-Cap System III includes the following:

- One each: large, medium, small and extra small caps; electrode board adaptor; one small & one medium body harness; special head measuring tape; Ivory Liquid 14oz; instruction manual
- Four Quick Insert Electrodes; two pairs of ear electrodes; four needle/syringe kits; three 16oz jars of Electro-Gel
- Two packs of 100 Disposable Sponge Discs

Part Number	Type/Description	Quantity
ACE336	Electro-Cap System I	1/pkg
122-409000	Electro-Cap System III	1/pkg

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
019-438200	BraiNet Template/Adult/Child 46-54cm	1/pkg
019-438300	BraiNet Template/Adult/Child 54-62cm	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
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
105589	Disposable EEG Disc Electrodes for BraiNet EEG 10/20 Templates	24/pkg
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

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, Adaptors

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
901580282	Jumpers/Linkers	3" (8cm)	3/pkg



4" & 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

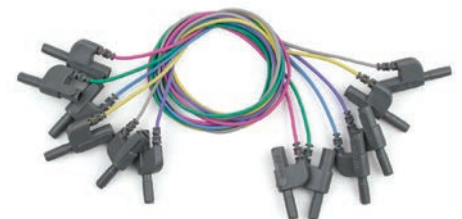
Part Number	Type	Lead Length	Quantity
102108	Jumpers/Linkers	6" (15cm)	1 set/pkg
6035-TP	Jumpers/Linkers	4" (10cm)	1 set/pkg



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/pkg



ANCILLARY EEG ITEMS

Electrode Lead Extensions, Linkers/Jumpers, Adaptors



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



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



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" between following five male touchproof connectors; 24" (cm) overall length

Part Number	Type	Lead Length	Quantity
11224	Jumpers/Linkers	24" (23cm)	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
019-425000	Jumpers/Linkers	11" (28cm)	1/pkg

ANCILLARY EEG ITEMS

Electrode Lead Extensions, Linkers/Jumpers, Adaptors

Touchproof Adaptors

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

Part Number	Type	Quantity
019-773100	2mm male pin to 1.5 female touchproof	1/pkg
1451010	2mm male pin to 1.5 female touchproof	10/pkg



Touchproof Adaptors

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

Part Number	Type	Quantity
019-406400	1.5 female touchproof to 2mm male pin	1/pkg
140420	1.5 female touchproof to 2mm male pin	10/pkg



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



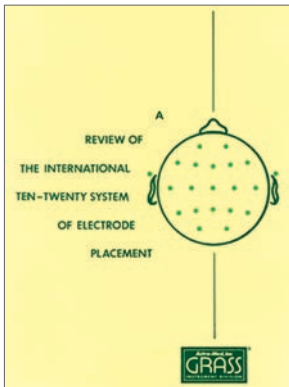
The Electrode Claw

- 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



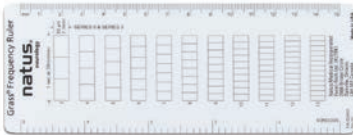
EDUCATIONAL AIDS



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



Grass Frequency Ruler

Part Number	Type	Quantity
EDAID1	Frequency Ruler	1/pkg



DID YOU KNOW?

Ludwig van Beethoven, Vincent Van Gogh
Isaac Newton, Julius Caesar and Joan of Arc
were all known to have epilepsy



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

Part Number	Type	Needle Length/Diameter	Lead Wire Length	Quantity
019-476600	Stainless Steel, 6-color	13mm, 27g (0.38mm)	39" (1m)	1/pouch, 24/box
019-476800	Stainless Steel, 6-color	13mm, 27g (0.38mm)	59" (1.5m)	1/pouch, 24/box
019-477000	Stainless Steel, 6-color	13mm, 27g (0.38mm)	96" (2.5m)	1/pouch, 24/box
019-476700	Stainless Steel, 12-color	13mm, 27g (0.38mm)	39" (1m)	1/pouch, 24/box
019-476900	Stainless Steel, 12-color	13mm, 27g (0.38mm)	59" (1.5m)	1/pouch, 24/box
019-477100	Stainless Steel, 12-color	13mm, 27g (0.38mm)	96" (2.5m)	1/pouch, 24/box

4 each of 6 Lead Wire Colors:

Red, Green, White, Black, Blue, Yellow

2 each of 12 Lead Wire Colors:

Red, Green, White, Black, Blue, Yellow, Gray, Orange, Brown, Purple, Light Blue, Pink

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

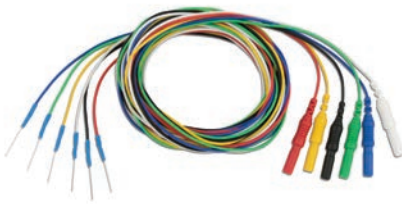
Part Number	Type	Needle Length/Diameter	Lead Wire Length	Quantity
019-475800	Stainless Steel, 6-color	12mm, 27g (0.40mm)	39" (1m)	1/pouch, 24/box
019-475900	Stainless Steel, 6-color	12mm, 27g (0.40mm)	59" (1.5m)	1/pouch, 24/box
019-476000	Stainless Steel, 6-color	12mm, 27g (0.40mm)	96" (2.5m)	1/pouch, 24/box
019-476100	Stainless Steel, 12-color	12mm, 27g (0.40mm)	39" (1m)	1/pouch, 24/box
019-476200	Stainless Steel, 12-color	12mm, 27g (0.40mm)	59" (1.5m)	1/pouch, 24/box
019-476300	Stainless Steel, 12-color	12mm, 27g(0.40mm)	96" (2.5m)	1/pouch, 24/box

4 each of 6 Lead Wire Colors:

Red, Green, White, Black, Blue, Yellow

2 each of 12 Lead Wire Colors:

Red, Green, White, Black, Blue, Yellow, Gray, Orange, Brown, Purple, Light Blue, Pink



Precision cut,
gently tapered,
ultra-sharp
lancet tip

0.38mm
diameter



Consistently
sharp lancet tip

0.40mm
diameter

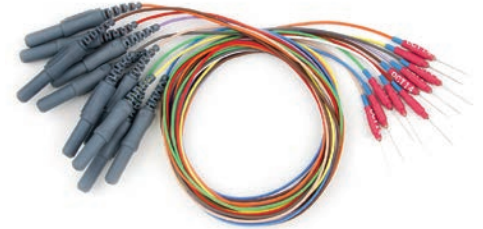
IOM ELECTRODES

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
- Compatible with steam and EtO sterilization
- Ten lead wire colors: brown, red, orange, yellow, green, blue, violet, gray, white, tan

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



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 - Two sets of blue, orange, yellow, green and red lead wires paired with black and white lead wires provide you with twenty twisted pairs, one twisted pair per pouch
- 019-475700 - Red, blue, yellow, green, orange and purple lead wires paired with black and white lead wires provide you with twelve twisted pairs; one twisted pair per pouch

Part Number	Type	Length/Diameter	Lead Length	Quantity
103031	Stainless Steel	13mm/27g	59" (1.5m)	20 pouches/pkg
019-475700	Stainless Steel	12mm/27g	79" (2m)	12 pouches/pkg



Scalp Needle Electrodes

Disposable Scalp Needle Electrodes

- Pre-sterilized stainless steel needle electrode

Part Number	Length	Diameter	Electrode End	Quantity	Compatible Cables
9013R0313	0.4" (10mm)	0.03mm (30g)	0.7mm male touchproof	40/pkg	9013C0112, 9013C0122, 9013C0152, 9013C0242 (see page 8)



IOM ELECTRODES

Corkscrew Electrodes



Disposable Corkscrew Electrode

- 47" (1.2m) lead wire length, 1cm hub
- Lead wires terminate in 1.5mm touchproof connectors
- Six lead wire colors: Two each – red, white, green, blue, black, yellow
- One electrode per pouch, 12 pouches per package

Part Number	Type	Lead Length	Quantity
019-476400	Corkscrew	47" (1.2m)	12/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

Part Number	Type	Length	Diameter	Quantity	Compatible Cables
019-475300	Single	30mm	27g	20/pkg	085-416800 Micrograbbers (see page 50)
019-475400	Paired	30mm	27g	20/pkg	085-416800 Micrograbbers (see page 50)

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-OJF	1X8 Strip	59" (1m)	1/pkg
MS04N-LP10X-OJF	1X4 Strip	59" (1m)	1/pkg
FG08A-LP10X-OJF	2X4 Grid	59" (1m)	1/pkg



IOM ELECTRODES

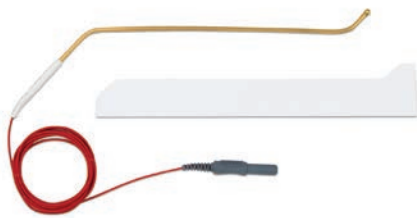
Nasopharyngeal Electrodes



Ball/Pedicle Screw Electrode

- Applications include: nasopharyngeal recordings, peripheral motor nerves, spinal nerves and assessing pedicle screw placement
- 3mm ball-tip, plated with gold or silver, 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



Natus Genuine Grass Nasopharyngeal Electrode

- For recording temporal lobe activity
- Insulated, flexible silver wire terminates in a 3mm gold plated ball; maintains shape when flexed
- Electrode can be shaped to conform with nasal dimensions; template supplied to reform electrode to original shape
- Lead wire terminates in 1.5mm touchproof connector
- Sterilize prior to use

Part Number	Type	Shaft	Lead Length	Quantity
F-EPG-G-15CM-48	Gold plated silver	5.75" (146mm)	48" (122cm)	2/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 PROBES

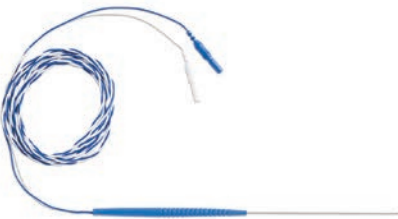
Probes-Disposable



Disposable Epidural Spinal Electrode

- Intended as a recording electrode for monitoring intra-operative 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	Type	Lead Length	Quantity
CEDL-1PDINX-000	Stainless Steel	39" (1m)	1/pkg



Disposable Concentric Probe

- Ideal for exposed nerve sites, accuracy to 0.5mm
- Shaft length 100mm, diameter 1mm
- 75" (1.9m) cable length, terminates in 1.5mm touchproof connectors
- Sterile; individually packaged

Part Number	Type	Lead Length	Quantity
900X570	Disposable Concentric Probe	75" (1.9m)	10/pkg



Disposable Bipolar Probe

- Capable of accurately stimulating through a small amount of tissue
- Shafts are 0.75mm in diameter, 100mm long and insulated to 2mm from tip; 2mm between tips
- 75" (1.9m) cable length, terminates in 1.5mm touchproof connectors
- Sterile; individually packaged

Part Number	Type	Lead Length	Quantity
900X571	Disposable Bipolar Probe	75" (1.9m)	10/pkg



Disposable Monopolar Probe

- For stimulating across the bulk of a tumor to determine if a nerve is behind a structure
- Probe accuracy may be improved by inserting the ground electrode near the surgical area while controlling the current level
- Shaft diameter 0.75mm, length 100mm; insulated 202mm from tip
- 75" (1.9m) cable length; terminates in 1.5mm touchproof connectors
- Sterile; individually packaged

Part Number	Type	Lead Length	Quantity
900X572	Disposable Monopolar Probe	75" (1.9m)	10/pkg



Disposable Pedicle Screw Probe

- Ideal for testing pedicle integrity after drilling, reaming, tapping and screw insertion
- 3mm ball-tip connects to Teflon coated shaft with attached handle
- 75" (1.9m) lead wire terminating in a 1.5mm touchproof connector
- Sterilized; individually packaged

Part Number	Shank	Lead Length	Quantity
105233	4" (100mm)	75" (1.9m)	10/box

IOM PROBES

Stimulating Probes

PolarProbe Handle

- Directly stimulates a nerve or record its electrical activity
- Reusable handle and cable ready for sterilization
- Requires disposable tips (listed below)
- Leadwire terminates in two 1.5mm touchproof connectors

Part Number	Type	Lead Length	Quantity
019-400800	Tapered Handle	79" (2m)	1/pkg



PolarProbe Disposable Ball Tips

- Pre-sterilized, rigid, stainless steel wire terminating in ball tips

Part Number	Tip Type	Spacing	Length	Quantity
019-408600	Ball	8mm	3.3" (85mm)	5/pkg



PolarProbe Disposable Flush Tips

- Pre-sterilized, rigid, stainless steel wire terminating in flush tips

Part Number	Tip Type	Spacing	Length	Quantity
019-408700	Flush	6mm	3.3" (85mm)	5/pkg



PolarProbe Disposable Right-Angle Tips

- Pre-sterilized, rigid, stainless steel wire terminating in right-angle tips with 4mm exposed area

Part Number	Tip Type	Spacing	Length	Quantity
019-408800	Right-Angle	6mm	3.2" (80mm)	5/pkg



PolarProbe Disposable Hooked Tips

- Pre-sterilized, rigid, stainless steel wire terminating in hooked tips

Part Number	Tip Type	Spacing	Length	Quantity
019-400900	Hooked	10mm	2.5" (64mm)	5/pkg



ANCILLARY IOM ITEMS

Electrode Lead Extensions & Adaptors



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	Type	Lead Length	Quantity
019-408400	Extension Cable	39" (1m)	1/pkg
019-432200	Extension Cable	79" (2m)	1/pkg



Micrograbbers

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

Part Number	Type	Lead Length	Quantity
085-416800	Micrograbbers	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	Type	Lead Length	Quantity
085-460000	Stainless Steel	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	Type	Lead Length	Quantity
019-421500	RF Filter	9" (22cm)	2/pkg

SLEEP



Natus Sleep Supplies

Sensors • Cannulas • Ancillary Sleep Supplies

SENSORS

Respiratory Effort

Natus XactTrace™ Respiratory Effort Systems

XactTrace is a comprehensive, respiratory inductance plethysmography (RIP) effort belt system, providing solutions sized for neonates through bariatric patients.

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



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



DID YOU KNOW?

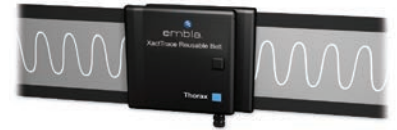
Ducks at risk of attack by predators are able to balance the need for sleep and survival, keeping one half of the brain awake while the other slips into sleep mode

SENSORS

Respiratory Effort

XactTrace Reusable Belts

- Plugs directly into Embla PSG systems; no additional modules required
- Low profile lock assures patient comfort
- Available in multiple sizes



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
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 Pre-Sized Single Use Belts & Components

- 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 sold separately)



XactTrace Pre-Sized Single Use Belts				
Part Number	Size	Connector	Quantity	Compatibility
011516	Pediatric	XactTrace Snap Sensors in this table	20/box	Embla N7000, Embletta MPR, Embletta Gold*, Embla S4000/S4500 systems
011517	Small	XactTrace Snap Sensors in this table	20/box	
011518	Medium	XactTrace Snap Sensors in this table	20/box	
011520	Large	XactTrace Snap Sensors in this table	20/box	
Snap Sensors for XactTrace Pre-Sized Single Use 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	Embla S4000/S4500 systems
013225	Thorax	78" (200cm), blue 2-pin key	1/pkg	Embla S4000/S4500 systems

*013382 Embletta Gold Inline Inductor required, one snap per sensor.

SENSORS

Respiratory Effort

XactTrace Cut-to-Fit Single Use Belts & Components

- Configurations for Embla PSG systems only (see Universal cut-to-fit options on Page 55)
- 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

XactTrace Cut-to-Fit Single Use Belt Rolls

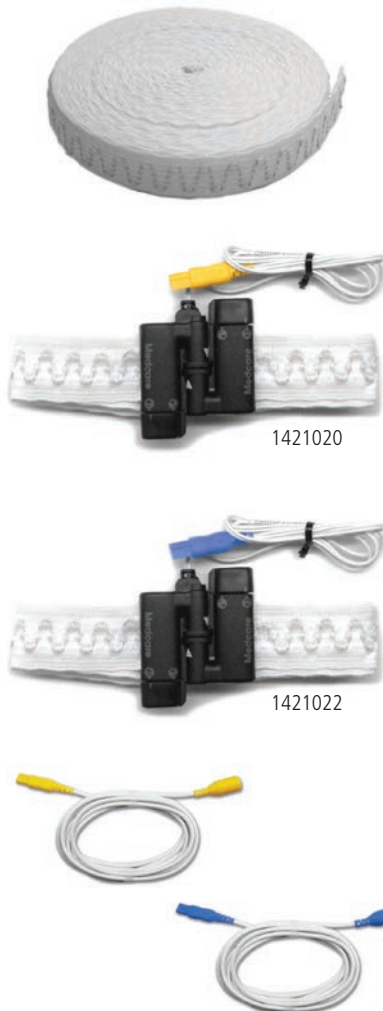
Part Number	Type	Roll Length	Quantity	Compatibility
1421000	XactTrace Single Use Cut-to-Fit Belt Material	65.5' (20m)	1 roll/pkg	XactTrace Single Use Locks

Locks for XactTrace Cut-to-Fit Single Use 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 Cut-to-Fit Single Use 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



DID YOU KNOW?

Humans are the only mammals that willingly delay sleep

SENSORS

Respiratory Effort

XactTrace Universal Cut-to-Fit Single Use 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)

XactTrace Cut-to-Fit Single Use 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 Cut-to-Fit Single Use 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 Cut-to-Fit Single Use 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	

*Also compatible with Embla SD32 system



1421048

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 PSG systems
9102G*	Chest	78" (200cm)	1.5mm touchproof	1/pkg	Grass Comet 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 019-481200 belts, 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
019-481200	Adjustable RIP Belt Only, Adult	23.6" (60cm) minimum to 55" (140cm) maximum	1/pkg	Most systems that accept 1.5mm touchproof connectors & RIP Interface Cables listed above

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
1330A-KIT	Chest or Abdomen	Large - 1" (2.5cm) x 67" (170.2cm)	78" (200cm)	1/pkg	Key connector for Grass AURA PSG & AURA PSG LITE
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



Large Double Buckle Replacement Belt

Part Number	Size	Compatibility
AIE071	Large - 1" (2.5cm) x 67" (170.2cm)	Replacement belt for these kits: 1421101, 1421102, 1421100, 1370G-KIT, 1330A-KIT



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
ACE116	Chest or Abdomen	Small 1" (2.5cm) x 35" (88.2cm) Pediatric 1" (2.5cm) x 18" (45.7cm)	78" (200cm)	1 kit/pkg	Most systems that accept 1.5mm touchproof connectors.
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 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	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
019-479800	Chest or Abdomen	Large 1.5" (3.8cm) x 52" (132.1cm) XL 1.5" (3.8cm) x 75" (190.5cm)	78" (200cm)	1 kit/pkg	Reduced output signal for Grass PSG systems that accept 1.5mm touchproof connectors
ACE114	Chest or Abdomen	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



L and XL belts included with all three kits

Infant Piezo Beltless Effort Sensor

- Apply with adhesive tape

Part Number	Size	Lead Wire Length	Quantity	Compatibility
005732	Infant	7' (2.1m)	1 kit/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
1420431	Single Channel Oral/Nasal	Adult	78" (200cm)	1/pkg	Embla SD32
1420435	Single Channel Oral/Nasal	Adult	78" (200cm)	1/pkg	Embla systems with key connectors
1420430	Single Channel Oral/Nasal	Adult	23.5" (60cm)	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



Thermistor Airflow Sensor

- Comfortable design does not use nasal prongs

Part Number	Type	Size	Lead Wire Length	Quantity	Compatibility
005890	Single Channel Oral/Nasal	Adult	7' (210cm)	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
1421	Single Channel Oral/Nasal	Adult	30" (75cm)	1/pkg	Key - for Grass AURA PSG & AURA PSG LITE
019-480200	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



SENSORS

Airflow

Thermistor Airflow Sensor for Cannula

- Works with any adult nasal cannulas
- Comfortable design does not use nasal prongs

Part Number	Type	Size	Lead Wire Length	Quantity	Compatibility
005891	Single Channel Oral/Nasal	Adult	7' (210cm)	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



Thermocouple Airflow Sensor for Cannula

- Attaches to any adult nasal cannula

Part Number	Type	Size	Lead Wire Length	Quantity	Compatibility
1413G	Single Channel Oral	Adult	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors



Pediatric Thermocouple Airflow Sensor

- Stiff bendable prongs allow optimal patient comfort and signal quality

Part Number	Type	Size	Lead wire Length	Quantity	Compatibility
ACE131	Single Channel Oral/Nasal	Pediatric	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors
1420406	Single Channel Oral/Nasal	Pediatric	78" (200cm)	1/pkg	Embla systems with key connectors



Infant Thermocouple Airflow Sensor

- Placed on the bridge of the infant's nose with the elements positioned under the nostrils

Part Number	Type	Size	Lead Wire Length	Quantity	Compatibility
ACE176	Single Channel Nasal	Infant-Preemies	71" (180cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors



SENSORS

Airflow



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
4140069	78" (200cm)	1.5mm touchproof	1/pkg	Embla SD32; most systems that accept 1.5mm touchproof connectors
4140064	78" (200cm)	3-pin key connector	1/pkg	Embla SD20 only



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/pkg	Cannulas designed for CannuTherm, All systems that accept 1.5mm touchproof connectors
105750	Replacement Cannula	7' (213.4cm) cannula length	25/pkg	



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" (213.4m)	84" (213.4cm)	1/pkg	Embla systems with key connectors
1420129	Adult	30" (76.2cm)	84" (213.4cm)	1/pkg	
1420126	Pediatric	30" (76.2cm)	84" (213.4cm)	1/pkg	
1420127	Pediatric	84" (213.4cm)	84" (213.4cm)	1/pkg	

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
1200	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	



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

Body Position Sensors



DC Body Position Sensor Kit

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

Part Number	Type	Lead Wire Length	Quantity	Compatibility*
ACE119	DC Body Position, Voltage Type	78" (200cm)	1/pkg	Most systems that accept DC 1.5mm touchproof connectors
1440011	DC Body Position, Resistance Type	78" (200cm)	1/pkg	Most systems that accept a DC 1.5mm touchproof connectors
1574-KIT	DC Body Position, Voltage Type	12" (30cm)	1/pkg	Key - Grass AURA PSG & AURA PSG LITE
1440021	DC Body Position, Resistance Type	78" (200cm)	1/pkg	Key connector - Embla S4500
4140073*	DC Body Position, Resistance Type	78" (200cm)	1/pkg	Key - Embla Sandman SD20
019-481300	DC Body Position, Voltage Type	78" (200cm)	1/pkg	1/8" Male Plug - Grass Comet, Comet-PLUS, & AURA PSG
019-479900	DC Body Position, Voltage Type	78" (200cm)	1/pkg	1/8" Female Plug - Sandman SD32

*Sensor only, can be attached to most effort sensor belts



AC Body Position Sensor Kit

- Indicates prone, supine, left, right or sitting up positions
- 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 AC 1.5mm touchproof connectors
019-406500	AC Body Position	78" (200cm)	1/pkg	



Large Body Position Buckle Belt

Part Number	Size	Compatibility
1421241	Large - 1" (2.5cm) x 67" (170.2cm)	Replacement belt for these kits: ACE119, 1440011, 1574-KIT, 1440021, 4140073, 019-481300, 019-479900, 1440010, 019-406500

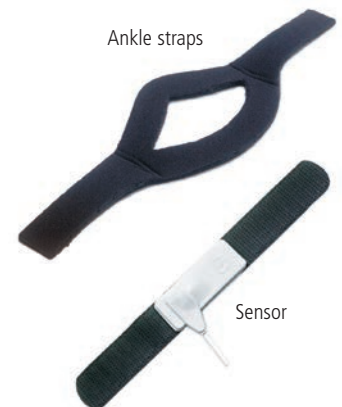
SENSORS

Limb Movement Sensor Kits

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
ACE146	Limb Movement	112" (285cm)	2 sensors & 2 bands/pkg	Most systems that accept 1.5mm touchproof connectors



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



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	<ul style="list-style-type: none"> - Most systems that accept 1.5mm touchproof and 1/8" male plugs - Most Nicolet, Grass & Xitek systems are compatible - Embla & Schwarzer systems require adaptors



CPAP Pressure Tubing

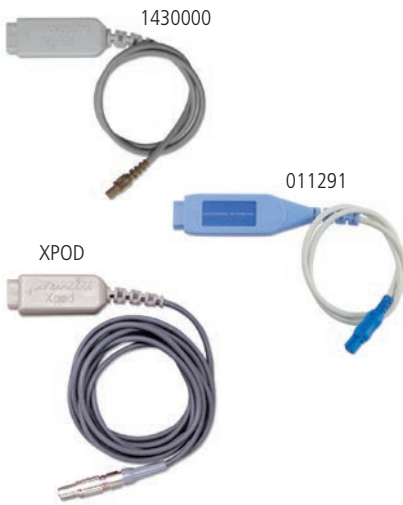
- Tube with a Luer Lock connector to measure CPAP mask pressure

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



SENSORS

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	80" (2m)	1/pkg	Embla N7000, S4500, Embletta Gold, titanium, S4000, S7000, Embletta PDS
011291	Nonin Xpod Oximeter	18" (45.7cm)	1/pkg	Embletta MPR
XPOD	Nonin Xpod Oximeter	80" (2m)	1/pkg	Grass Comet and Comet-PLUS



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

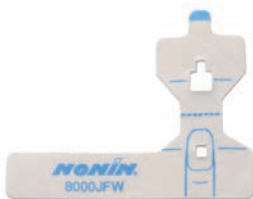
Part Number	Type	Quantity	Compatibility
013400	Xpod sensor clip	1/pkg	Nonin Xpod (tapered)



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

SENSORS

Oximetry

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
105591	Soft Sensor, Small	9.8' (3m)	1/pkg	
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

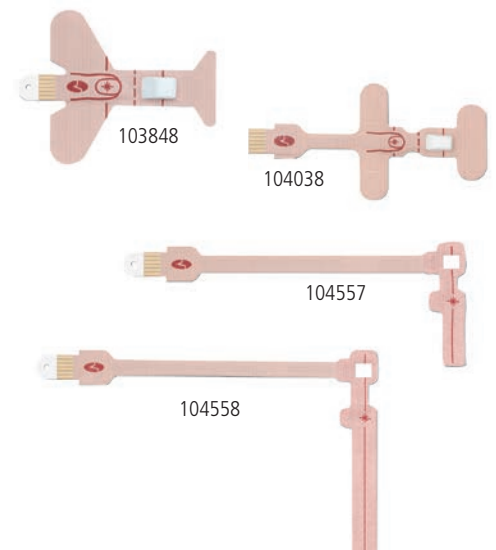
Part Number	Type	Cable Length	Quantity	Compatibility
105720XL	Disposable Sensor, Adult	3' (1m)	24/pkg	Nonin oximeter



Masimo LNOP® Disposable Adhesive Sensors

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

Part Number	Type	Quantity	Compatibility
103848	LNOP Adhesive Sensor, Adult	20/pkg	Xitek PSG systems with 103847 cable
104038	LNOP Adhesive Sensor, Pediatric	20/pkg	
104557	LNOP Adhesive L-shaped Sensor, Infant	20/pkg	
104558	LNOP Adhesive L-shaped Sensor, Neonate	20/pkg	



SENSORS

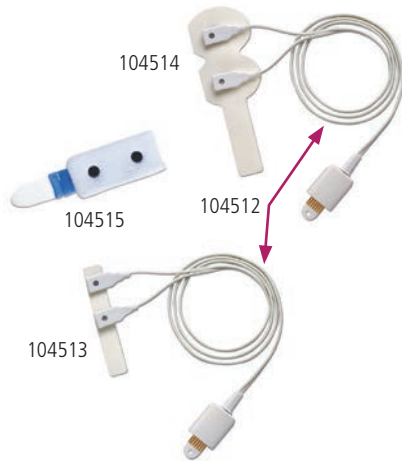
Oximetry



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 PSG systems 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)

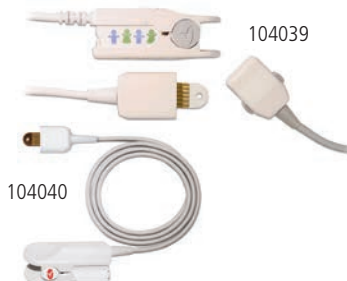
Part Number	Type	Cable Length	Quantity	Compatibility
104512	LNOP Y-I Reusable Sensor	3' (0.9m)	1/pkg	Xltek with 103847 cable
008786	LNCS Y-I Reusable Sensor	3' (0.9m)	1/pkg	Xltek with 008776 cable
104514	Disposable Standard Wrap	n/a	100/pkg	Y-I Reusable Sensor
104513	Disposable Petite Wrap	n/a	100/pkg	Y-I Reusable Sensor
104515	Disposable Foam Wrap	n/a	12/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
104039	LNOP finger clip sensor, pediatric	3' (0.9m)	1/pkg	Xltek with 103847 cable
104040	LNOP finger clip sensor, adult	3' (0.9m)	1/pkg	Xltek with 103847 cable
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 LNOP 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 Oxygen Saturation Sensor, Two Piece

- Combines reusable cable with sterile, disposable adhesive sensor
- Cost-effective alternative for patients with adequate peripheral pulses

Part Number	Type	Cable Length	Quantity	Compatibility
4140186	Disposable Sensor/reusable cable, Adult	36" (91.4cm)	1 cable & 24 sensors/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 Reusable Clip Sensor

- Convenient clip design assures quality and durability

Part Number	Type	Cable Length	Quantity	Compatibility
4140189	Reusable Clip Sensor, Adult, Finger	36" (91.4cm)	1/pkg	Embla/Nellcor OxiMax



Nellcor Sensor Extension Cable

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



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	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	Device to Patient Length	Quantity	Compatibility
1420002	Nasal	Adult	1.75' (0.53m) Tubing terminates in male Luer Lock connector without filter	50/pkg	Most pressure flow/snore sensors with standard Luer Lock connectors
1420011	Nasal	Adult	4' (1.2m) Tubing terminates in male Luer Lock connector without filter	50/pkg	
1420013	Nasal	Adult	6' (1.8m) 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



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

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	



Nasal Pressure & Gas Sampling Cannulas

- Disposable

Part Number	Type	Size	Supply Tube Lengths	Quantity	Compatibility
005923	Nasal	Adult	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	Most pressure flow/snore sensors with standard Luer Lock connectors
005925	Nasal	Pediatric	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 Pressure Cannulas with Filter

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

Part Number	Type	Supply Tube 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

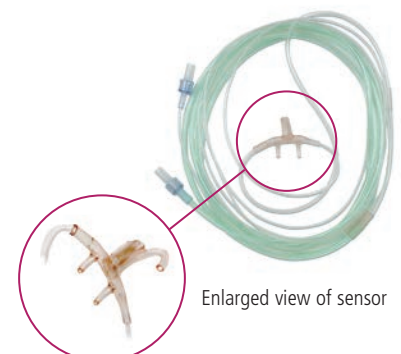
Part Number	Type	Supply Tube Length	Quantity	Compatibility
1420111	Nasal	7' (2.1m) Tubing terminates in male Luer Lock connector without filter	25/pkg	Adult ThermiSense nasal/oral flow sensors
1420112	Nasal	2" (0.61m) Tubing terminates in male Luer Lock connector without filter	25/pkg	



Adult ThermiSense Nasal/Oral Pressure Cannulas

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

Part Number	Type	Supply Tube 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



Enlarged view of sensor

CANNULAS



Pediatric ThermiSense Nasal Pressure & Gas Sampling Cannulas

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

Part Number	Type	Supply Tube 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	Supply Tube 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



Disposable Cannula Filters

- Luer Lock connectors

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



DID YOU KNOW?

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

ANCILLARY SLEEP SUPPLIES

Electrodes

Disposable Small Electrodes with Cable Attached

- Pre-gelled Ag/AgCl discs, contact area 22mm x 28mm
- Comfortable foam backing

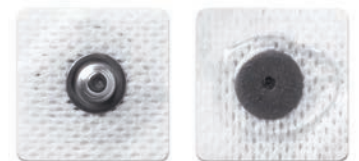
Part Number	Type	Lead Length	Quantity	Compatibility
1410514	Surface	39" (1m)	10/pkg	Most systems that accept 1.5mm touchproof connectors
1410515	Surface	59" (1.5m)	10/pkg	Most systems that accept 1.5mm touchproof connectors



Disposable Adhesive Center Snap Square Electrodes

- Solid gel Ag/AgCl electrodes, 1" x 1" cloth-backed contact area with robust adhesive
- Ideal for sleep studies

Part Number	Type	Quantity	Compatibility
019-427000	Square Snap	15/pkg	Most systems that accept 1.5mm touchproof connectors; requires reusable snap leads



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 reusable 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 reusable snap leads



ANCILLARY SLEEP SUPPLIES

Snap Leads



Reusable Snap Lead Pairs

- Designed for use with disposable snap electrodes
- Two lead wires per pack
- 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
1411535	Snap Leads	120" (3m)	2/pkg	Most systems that accept 1.5mm touchproof connectors



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



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
1411509	Snap Leads	120" (3m)	1/pkg	Most systems that accept 1.5mm touchproof connectors



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	
1411520	Snap Lead	60" (1.5m) / Black	2/pkg	

ANCILLARY SLEEP SUPPLIES

Snap Leads

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 18" (0.46m); total lead length 28" (0.71m)
- Twisted green, orange and blue lead wires/button snaps breakout at 30" (0.76m); total lead length 40" (1m)
- Lead wires terminate in 1.5mm touchproof connectors

Part Number	Type	Lead Length	Quantity	Compatibility
1411546	Snap Lead Breakout Cable	28" (0.71m) / 40" (1m)	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



CPAP EQUIPMENT PASTEURIZATION

Olympic Mini-Pasteurmatic CPAP Equipment Pasteurization – High-Level Disinfection



Proven Value: Safety, Efficacy and Cost

- Uses only hot water
- Meets CDC Guidelines for high-level disinfection
- No fume, residue or spill concerns
- No test strips or sterile water rinse required
- Less than \$10 monthly cost to operate and maintain



Natus Application Products

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

APPLICATION PRODUCTS

ELECTRODE CREAMS, PASTES, GELS



Genuine Grass® EC2® 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



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	1/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	1/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



SKIN PREPS



Electrode Prep Pads

- Use to cleanse electrode site and lower impedance
- Pad is formulated with pumice and 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



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"	15' roll	1/pkg
123-723900	3M Micropore Surgical Tape	1"	30' roll	1/pkg
101917	3M Transpore Surgical Tape	1"	30' roll	12/pkg
AT15	3M Blenderm Surgical Tape	1"	15' 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) x 3" (7.6cm)	12.3' (3.75m) roll	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



Surgilast® Tubular Elastic Dressing Retainer

- Applies gentle pressure to secure electrodes during sleep studies without adhesive tape
- Customizable; easily cut to size
- Allows maximum air flow

Part Number	Type	Size	Quantity
1450051	Head Net, Adult	75' (23m) roll	1/pkg
1450052	Head Net, Pediatric	75' (23m) roll	1/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
270-401000	Wet Erase Marker	Blue	1/pkg
103035	Surgical Skin Marker, Wet, highly visible, non-tattooing, sterile	Violet	25/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 – USA ONLY



Zymit® Enzyme Cleaner

- Unique formulation of enzymes and detergents
- Removes blood, tissue, mucous or other body fluids from reusable electrodes and instruments

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



PROTEX™ 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 Disinfectant Wipes	60 wipes/pkg



Service

Excellence in customer service and support is a core Natus 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.

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.

At Natus Neurology, 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 Neurology Essential Support Elements

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

Education

Natus Nerve Center

The Natus Nerve Center is an exclusive portal dedicated to providing clinicians with information and resources to promote best clinical practices and optimal device utility. Whether you're seeking a policy or procedure, self-paced learning tutorial or a product quick guide, you'll find them and a host of other tools simply a click away at nervecenter.natus.com.

Natus Neurology Training Academy

The Natus Neurology Training Academy is an onsite training facility with locations in Middleton, WI and Munich, Germany. The Training Academy provides service training for biomedical engineers, as well as onsite training and support for clinicians, specialists and distribution partners on a variety of Natus Neurology equipment and software.

Natus Sleep Academy

The Natus Neurology Sleep Academy is an online program that guides Embla users through a variety of sleep training videos to enhance their understanding of the field of sleep medicine.

Natus Terms & Conditions Apply. See our website www.natus.com.

All products may not be available in all distribution centers.

Ordering Information

Contact your Natus Neurodiagnostic Supply Sales Professional.

Did you know we offer specialized, regionally-based, sales support for your supply needs?

Experienced team members can:

- 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

US & Canada Ordering Information

How to Order-United States & Canada

US and Canadian Customers call Customer Service at 1-800-356-0007 and ask to speak with your Supply Sales Professional

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, provide quotations 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 or e-mail and your order will be processed within 24 hours. 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.

Delivery

We prepay and add shipping charges to orders. Most orders are shipped UPS Ground unless you instruct otherwise. Overnight or second day delivery is available for an additional charge.

Sales Tax

We are required by law to collect all applicable state and local sales taxes. A valid tax exemption certificate is required to avoid applicable fees, and should be provided at time of order.

Damages in Shipment

Despite our best efforts, items may occasionally be damaged in transit. Freight carriers are liable for damages only when damage is indicated on the bill of lading before you sign for shipment. Therefore, we recommend that you inspect the outside and contents of all cartons received. If any damage is found, write details on the bill of lading and ask the delivery carrier to make an inspection immediately. Per ICC regulations, it is the responsibility of the consignee to file a damage claim with the carrier promptly after inspection. For assistance and replacement information, contact our Customer Service Department.

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 Neurology.

International Ordering Information

How to Order-International

Natus Neurology Incorporated maintains a network of representative distribution companies in countries throughout the world. For sales, service or support please contact your local distributor. To find your local distributor go to our website www.natus.com and look under the Contact Tab and then Natus Worldwide.

Natus International office locations:

Natus Neurology Incorporated

3150 Pleasant View Road

Middleton, WI USA 53562

Email: GMB-intlorder.nc@natus.com

Tel: +1 608-829-8500

Customer Service Fax: +1 608-829-8770

Natus Europe GmbH

Robert-Koch-Str. 1

82152 Planegg, Germany

order.europe@natus.com

Tel: +49 89 83942-133

Fax: +49 89 83942-933

Natus France

65 bd Pierre Premier 33110

Le Bouscat, France

order.fr@natus.com

Tel: +33 5 56 08 54 76

Fax: +33 5 56 42 27 62

Natus Terms & Conditions Apply. See our website www.natus.com.

All products may not be available in all distribution centers.

PART NUMBER INDEX

Part Number	Description	Page	Part Number	Description	Page	Part Number	Description	Page
1200	Dynamic Microphone Snoring Sensor	61	104517	Conform Stretch Gauze Rolls	79	1421032	XactTrace Reusable Belt - Small Abdomen	53
1421	Thermocouple Airflow Sensor, 1 channel, Grass Key	58	104557	Masimo LNOP Adhesive Sensor, Infant, L Shape	65	1421033	XactTrace Reusable Belt - Small Thorax	53
005732	Piezo Resp Effort Sensor, Infant, Beltless	57	104558	Masimo LNOP Adhesive Sensor, Neonate, L Shape	65	1421034	XactTrace Reusable Belt - Medium Abdomen	53
005890	Thermistor Airflow Sensor, 1 channel	58	105189	ElectroBoot Sleeve, 30"	41	1421035	XactTrace Reusable Belt - Medium Thorax	53
005891	Thermistor Airflow Sensor for Cannula	59	105190	ElectroBoot Sleeve, 48"	41	1421036	XactTrace Reusable Belt - Large Abdomen	53
005923	Nasal Pressure & Gas Sampling Cannula, Adult	69	105233	Disposable Pedicle Screw Probe	48	1421037	XactTrace Reusable Belt - Large Thorax	53
005925	Nasal Pressure & Gas Sampling Cannula, Pediatric	69	104515	Masimo Disposable Foam Wrap	66	1421038	XactTrace Reusable Belt - Medium Thorax	53
008776	Masimo LNCS Patient Cable	66	105589	Disposable Disc Electrode Set for BraiNet 10/20 Template	38	1421039	XactTrace Reusable Belt - Medium Abdomen	53
008777	Masimo LNCS Soft Sensor	66	105590	Disposable Disc Electrode Set for BraiNet Original Template	38	1421040	XactTrace Universal Belt	52
008781	Masimo LNCS Adhesive Sensor w/Cable, Adult	66	105591	Nonin Soft Sensor, Small, 3m	65	1421041	XactTrace Reusable Belt - Small Thorax	53
008782	Masimo LNCS Adhesive Sensor w/Cable, Pediatric	66	105592	Nonin Soft Sensor, Medium, 3m	65	1421042	XactTrace Reusable Belt - Small Abdomen	53
008783	Masimo LNCS Adhesive Sensor w/Cable, Infant	66	105593	Nonin Soft Sensor, Large, 3m	65	1421043	XactTrace Reusable Belt - Large Thorax	53
008784	Masimo LNCS Finger Clip Sensor, Adult	66	105750	CannuTherm Replacement Cannula	60	1421044	XactTrace Reusable Belt - Large Abdomen	53
008785	Masimo LNCS Finger Clip Sensor, Pediatric	66	105778	CannuThermTM Integrated Thermal/Pressure Sensor	60	1421047	XactTrace RIP Processor, Thorax	55
008786	Masimo LNCS Y-I Multisite Sensor	66	105808	The Electrode Claw	41	1421048	XactTrace RIP Processor, Abdomen	55
9131	RIP Interface Cable, Abdomen, Grass Key	56	140420	Touchproof Adaptor, 1.5mm F to 2mm M	41	1421050	XactTrace Universal Cut-To-Fit Kit, Abdomen	55
9132	RIP Interface Cable, Chest, Grass Key	56	685022	Electrode Board Adaptor for Schwarzer, 50 Pin	37	1421051	XactTrace Universal Cut-To-Fit Kit, Thorax	55
10250	Tubal Insert Phones (TIPs) Kit, Xltek	28	1410505	Disposable Adhesive Electrode, Round, Center Snap	71	1421052	XactTrace Universal Cut-To-Fit Kit, Complete	55
11224	Jumper/Linker Cable, 24"	40	1410510	Disposable Adhesive Electrode, Oval, Offset Snap	71	1421080	XactTrace Universal Kit - Abdomen	52
11250	Jumper/Linker Cable, 18"	40	1410514	Adhesive Disposable Electrode w/39" Lead	71	1421081	XactTrace Universal Kit - Thorax	52
011291	Nonin Xpod Oximeter, Embletta MPR	64	1410515	Adhesive Disposable Electrode w/59" Lead	71	1421091	XactTrace Universal Kit - Complete	52
011516	XactTrace Pre-Sized Single Use Belt, Pediatric	53	1411003	Ten20® Conductive Paste, 4oz Jar	76	1421100	Piezo Resp Effort Belt, Large, Double Buckle, Embla	57
011517	XactTrace Pre-Sized Single Use Belt, Small	53	1411509	Snap Electrode Leads, 3m, Black	72	1421101	Piezo Resp Effort Belt, Large, Double Buckle Embla	57
011518	XactTrace Pre-Sized Single Use Belt, Medium	53	1411516	Snap Electrode Leads, 1m, Green	72	1421102	Piezo Resp Effort Belt, Large, Double-Buckle Velcro Strap Kit	57
011520	XactTrace Pre-Sized Single Use Belt, Large	53	1411517	Snap Electrode Leads, 1m, Orange	72	1421230	Velcro Strap, 76 cm Length	73
011521	XactTrace Snap Sensor for Pre-Sized Single Use Belt, Abdomen	53	1411520	Snap Electrode Leads, 1.5m, Black	72	1421236	Velcro Strap, 114 cm Length	73
011522	XactTrace Snap Sensor for Pre-Sized Single Use Belt, Thorax	53	1411524	Snap Electrode Leads, 2m, Orange	72	1421238	Velcro Strap, 183 cm Length	73
013224	XactTrace Snap Sensor Cable, Abdomen	53	1411530	Snap Electrode Leads, 3m, Black/White	72	1421241	Body Position Belt	62
013225	XactTrace Snap Sensor Cable, Thorax	53	1411535	Snap Electrode Leads, 3m, Black	72	1430000	Nonin Xpod Oximeter, Embla	64
013400	Nonin Xpod Sensor Belt Clip	64	1411541	Snap Electrode Leads, 0.6m, Red	72	1430500	Nonin Sensor Extension Cable, 1m	65
14832	DC Pressure/AC Snore Sensor, Grass Key	63	1411542	Snap Electrode Leads, 0.75m, Black	72	1431000	Nonin Flex Sensor, Adult, 1m	64
15809	Disposable Cannula Filter	70	1411546	Snap Electrode Breakout Cable 40"	73	1431002	Nonin Flex Sensor, Adult, 3m	64
51019	Eartips, Neonatal	30	1411548	Snap Electrode Leads, 0.6m, Green	72	1431003	Nonin Soft Sensor, Small, 1m	65
51020	Eartips, Infant	30	1412002	Cotton Tipped Applicators/Swabs, 3"	79	1431004	Nonin Soft Sensor, Medium, 1m	65
51021	Eartips, Child	30	1412006	Cotton Tipped Applicators/Swabs, 4"	79	1431005	Nonin Soft Sensor, Large, 1m	65
51022	Eartips, Adult	30	1420002	Nasal Pressure Cannula, Adult, 1.75'	68	1431010	Nonin Flex Sensor, Neonatal	64
51023	Eartips, Premature	30	1420011	Nasal Pressure Cannula, Adult, 4'	68	1431011	Nonin Flex Sensor, Pediatric	64
101086	SIGNACREME® Electrode Cream	76	1420013	Nasal Pressure Cannula, Adult, 6'	68	1431020	Nonin Finger Clip Sensor, Adult	65
101169	Disposable Adhesive Nutab™ Tab Electrode	20	1420020	Nasal Pressure Cannula, Pediatric, 1'	69	1431500	Nonin FlexiWraps, Adult	64
101190	Disposable Monopolar Needle Electrode w/61cm Lead, 37mm, 26G, Pink	5	1420030	Nasal Pressure Cannula, Intermediate Infant	68	1431501	Nonin FlexiWraps, Neonatal	64
101192	Disposable Monopolar Needle Electrode w/61cm Lead, 44mm, 27G, Purple	5	1420040	Nasal Pressure Cannula, Infant	68	1431502	Nonin FlexiWraps, Pediatric	64
101193	Disposable Monopolar Needle Electrode w/61cm Lead, 50mm, 26G, White	5	1420050	Nasal Pressure Cannula, Pediatric, 7'	69	1431503	Nonin Xpod Sensor Clip	64
101194	Disposable Monopolar Needle Electrode w/61cm Lead, 75mm, 25G, Gray	5	1420100	Nasal/Oral Pressure Cannula, Adult, 1'	68	1440010	AC Body Position Sensor	62
101226	Disposable Adhesive Care 310® Ground Electrode	20	1420101	Nasal/Oral Pressure Cannula, Adult, 7'	68	1440011	DC Body Position Sensor	62
101284	Replacement Stim Probe Tip w/Prongs for Reusable Stimulation Probe	10	1420110	ThermiSense Nasal Cannula w/Filter, 7'	69	1440021	DC Body Position Sensor, Embla Key	62
101405	T-Bar Handle Replacement for Hand-Held Felt Pad Stimulating Electrode	11	1420111	ThermiSense Nasal Cannula, 7'	69	1450021	Velcro Cable Wraps	73
101917	3M™ Transpore™ Surgical Tape	78	1420112	ThermiSense Nasal Cannula, 2'	69	1450051	Head Net, Gauze - Adult	79
102107	Cotton Tipped Applicators/Swabs, 6"	79	1420113	ThermiSense Nasal Cannula, 2'	69	1450052	Head Net, Gauze - Pediatric	79
102108	Stackable Jumper/Linker Cables, 6"	39	1420114	ThermiSense Nasal & Gas Sampling Cannula	70	1451010	Touchproof Adaptor, 2mm M to 1.5mm F	41
102227	Felt Pad Replacement for Hand-Held Felt Pad Stimulating Electrode	11	1420116	ThermiSense Nasal/Oral & Gas Sampling Cannula	70	1451020	Stackable Jumper/Linker Cables, 3"	39
102608	Shielded 3-in-1 Monopolar Acquisition Cable, 0.6m	22	1420124	CPAP Pressure Tube	63	1451034	Jumper/Linker Cable, 5"	40
102733	Hand-Held Felt Pad Stimulating Electrode, 30mm Spacing	11	1420126	ThermiSense Sensor Kit, Adult	60	1451055	Jumper/Linker Cable, 10"	40
103031	Natus Disposable Subdermal Needle Electrodes, Twisted Pair, 1.5m	45	1420127	ThermiSense Sensor Kit, Pediatric	60	1451070	XactTrace Extension Cable, Abdomen	54
103035	Marking Pen, Surgical Skin Marker, Violet	80	1420129	ThermiSense Sensor Kit, Adult	60	1451072	XactTrace Extension Cable, Thorax	54
103095	Natus Ear Clip Electrode, 9.5mm Gold, 48" Lead	36	1420406	Thermocouple Flow Sensor, Pediatric	59	1451080	XactTrace Universal Cable	52
103342	Disposable Foam Ear Tips, 18mm	29	Thermistor Airflow Sensor, 1 channel, Embla Key	58	4140064	BreathSensor Cable, Embla	60	
103825	Gauze Squares, 2"X2"	79	1420430	Thermistor Airflow Sensor, 1 channel, Embla Key	58	4140069	BreathSensor Cable	60
103847	Masimo LNOP Patient Cable	66	1420431	Thermistor Airflow Sensor, 1 channel, Embla Key	58	4140073	DC Body Position Sensor, Embla Key	62
103848	Masimo LNOP Adhesive Sensor, Adult	65	1420435	Thermistor Airflow Sensor, 1 channel, Embla Key	58	4140087	RIP Belt, Adult XL	56
104038	Masimo LNOP Adhesive Sensor, Pediatric	65	1420446	BreathSensor Cable, Embla Key	60	4140088	RIP Belt, Adult Large	56
104039	Masimo LNOP Finger Clip Sensor, Pediatric	66	1420600	Piezo Snore Sensor, Embla Key	61	4140089	RIP Belt, Pediatric Medium	56
104040	Masimo LNOP Finger Clip Sensor, Adult	66	1420605	Piezo Snore Sensor, Embla Key	61	4140090	RIP Belt, Infant Small	56
104513	Masimo Disposable Petite Wrap	66	1420610	Piezo Snore Sensor	61	4140094	AC Pressure/Snore Sensor	63
104514	Masimo Disposable Standard Wrap	66	1421000	Piezo Snore Sensor	61	4140095	RIP Interface Cable, Abdomen	56
104512	Masimo LNOP Y-I Multisite Sensor	66	1421000	XactTrace Cut-To-Fit Belt Material	54, 55	4140096	RIP Interface Cable, Chest	56
			1421020	XactTrace Lock - Abdomen	54, 55	4140114	RIP Belt, Adult XXL	56
			1421021	XactTrace Lock - Abdomen EBG	54	4140118	Disposable BreathSensor Airflow Thermistor, Adult	60
			1421022	XactTrace Lock - Thorax	54, 55	4140119	Disposable BreathSensor Airflow Thermistor, Child & Small Adult	60
			1421023	XactTrace Lock - Thorax EBG	54	4140120	Disposable BreathSensor Airflow Thermistor, Premie	60
			1421026	XactTrace Universal Snap Sensor - Abdomen	52	4140121	Disposable BreathSensor Airflow Thermistor, Infant	60
			1421027	XactTrace Universal Snap Sensor - Thorax	52	4140184	Nellcor Sensor Extension Cable	67
						4140186	Nellcor Pulse Sensor w/Cable, Adult	67
						4140188	Nellcor Pulse Sensor w/Wraps, Adult/Neonatal	67
						4140189	Nellcor Clip sensor, Adult	67
						4140190	Nellcor OxiMax Pulse Sensor, Adult	67
						9031E0171	Advanced Stimulation Handgrip Electrical Stimulating Probe	10

PART NUMBER INDEX

Part Number	Description	Page
9031E0223	Dantec Keypoint Goggles	31
9031E0258	Dantec Keypoint Calibrated Headphones	31
9031E0277	Left & Right Tubal Insert Phones (TIPS), Dantec	28
016-400000	3M™ One Step Red Dot Skin Prep Abrader Tape	78
016-400700	Electrode/Cable Holder	41
016-400800	Gauze squares, 3" X3"	79
016-401000	LemonPrep™ Abrasive Skin Prepping Lotion, 4oz Tube	77
016-401600	TENSIVE™ Conductive Adhesive Gel	76
016-401800	SPECTRA™ 360 Electrode Gel	77
016-402900	Waveprep™ Mildly Abrasive Skin Prep, 0.3oz Cup	77
016-403300	LemonPrep™ Abrasive Skin Prepping Lotion, 0.35oz Cup	77
016-703200	Electrode Prep Pads	78
016-703700	Ten20™ Conductive Paste, 8oz Jar	76
016-703800	Synapse Conductive Electrode Cream	76
017W076	EMG on DVD, Volume 2 (2nd Edition), Electronic Atlas of EMG Waveforms, CD	26
017W077	EMG on DVD, Volume 2 (2nd Edition), Electronic Atlas of EMG Waveforms, DVD	26
017W082	EMG on DVD, Volume 1 (2nd Edition), Electronic Myoanatomic Atlas for Clinical EMG, DVD	26
019-400400	Disposable Adhesive Electrode Set, 4 Discs w/1m Leads	16
019-400500	Disposable Adhesive Ground Plate Electrode w/1m Lead	17
019-400800	PolarProbe Handle, 2m Cable	49
019-400900	PolarProbe Disposable Hooked Tips	49
019-401100	Touchproof Extension Cables, 79"	39
019-401200	Disc Ground Electrode, 0.75m Lead	13
019-401400	Bipolar Bar Electrode, 9mm Dia., 30mm Spacing, 1.0m Lead	12
019-401500	Bipolar Felt Pad Bar Electrode, 30mm Spacing	12
019-403800	Small Stimulating Electrode, 1m Lead	10
019-404800	Ball/Pedicle Screw Electrode, 100mm, Gold	47
019-404900	Ball/Pedicle Screw Electrode, 150mm, Gold	47
019-405000	Natus Ear Clip Electrode, 6mm Silver, 39" Lead	36
019-405100	Natus Ear Clip Electrode, Silver, 39" Lead	36
019-405200	Natus Ear Clip Electrode, 6mm Gold, 39" Lead	36
019-405400	Natus Ear Clip Electrode, 6mm Ag/AgCl, 39" Lead	36
019-405500	Natus Ear Clip Electrode, Ag/AgCl, 39" Lead	36
019-405900	Ground Velcro Strap Electrode, Adult, 54cm x 20mm, 1.25m Lead	13
019-406000	Disposable Adhesive Temperature Electrode	24
019-406400	Touchproof Adaptor, 1.5mm F to 2mm M	41
019-406500	AC Body Position Sensor	62
019-406600	Disposable Adhesive Tab Electrodes, 2/pouch w/1m Leads	16
019-406700	Felt Pad Replacement for Bipolar Felt Pad Bar Electrode	12
019-408400	Touchproof Cable Extension, 1m	50
019-408500	Disposable Adhesive Electrode w/1m Lead	17
019-408600	PolarProbe Disposable Ball Tips	49
019-408700	PolarProbe Disposable Flush Tips	49
019-408800	PolarProbe Disposable Right Angle Tips	49
019-409000	Disposable Adhesive Electrode Set, 4 Discs w/2m Leads	16
019-409100	Disposable Adhesive Ground Plate Electrode w/2m Lead	17
019-411200	Replacement Clear Silicone Tubes	29
019-413900	Cup Electrode, Gold, 1.5m Tangle Free Lead	35
019-414100	Cup Electrode, Silver, 1.5m Tangle Free Lead	35
019-414200	Disposable Adhesive Electrode Set, 3 Discs w/1m Leads	16
019-414400	Cup Electrode, Gold, 1m Tangle Free Lead	35
019-414600	Cup Electrode, Silver, 1m Tangle Free Lead	35
019-415000	Disposable Adhesive Electrode 2x2 Set, 4 Discs w/1.5m Leads	16
019-415200	Disposable Adhesive Electrode, NCV Test Kit: 2 Disc 1 Ground, 1m	16
019-415900	Ground Velcro Strap Electrode, Pediatric, 24cm x 20mm, 1.25m Lead	13
019-416500	Ball/Pedicle Screw Electrode, 150mm, Silver	47
019-416700	Ball/Pedicle Screw Electrode, 150mm, Ag/AgCl	47
019-417000	Alligator Clip Lead Wire Kit, 1.25m Leads (Red & Black)	20
019-417200	Alligator Clip Lead Ground, 1.25m Lead (Green)	20
019-417600	Cup Electrode, Ag/AgCl, 1m Tangle Free Lead	35
019-417700	Cup Electrode, Ag/AgCl, 1.5m Tangle Free Lead	35

Part Number	Description	Page
019-419000	Snap Electrode Lead Wire Set, 1.0m	21
019-419100	Snap Electrode Lead Wire Set, 1.4m	21
019-419200	Snap Electrode Lead Wire Set, 2.0m	21
019-419300	Snap Electrode Lead Wire Set, 3.0m	21
019-420100	Jumper/Linker Cable, 4"	40
019-420800	Disposable Adhesive Electrode 2x2 Set, 4 Discs w/3m Leads	16
019-421000	Snap On T-Handle For Bar Electrodes	12
019-421500	Inline RF Filter	50
019-422200	Disposable Adhesive Ground Plate Electrode w/1.5m Lead	17
019-424500	Snap Electrode Lead Wire pair, 1.5m	21
019-425000	Jumper/Linker Cable, 11"	40
019-425900	Natus Reusable Indicator Single Fiber Needles, 25mm, 27G	8
019-426000	Natus Reusable Indicator Single Fiber Needles, 40mm, 26G	8
019-427000	Disposable Adhesive Electrode, Square, Center Snap	71
019-428400	Replacement Impedance Adaptor Tip	29
019-429300	Finger Clip Electrode, 60cm Lead	15
019-429400	Disposable Adhesive Snap Dual-Surface Electrode	21
019-431400	Bipolar Bar Electrode, 9mm Dia., 30mm Spacing, 0.5m Lead	12
019-431500	Touchproof Extension Cables, 39"	39
019-432200	Touchproof Cable Extension, 2m	50
019-433000	Stackable Jumper/Linker Cables, 20"	39
019-433800	Cup Electrode, Gold, 2.5m Tangle Free Lead	35
019-434600	Disposable Adhesive Transparent Electrode Set, 3 Discs w/0.5m Leads	17
019-434700	Disposable Adhesive Transparent Electrode Set, 3 Discs w/0.8m Leads	17
019-434800	Disposable Adhesive Transparent Electrode Set, 3 Discs w/1.2m Leads	17
019-435300	Disposable Adhesive Ground Tab Electrode	19
019-435500	Disposable Adhesive Ring Tab Electrode	19
019-437300	DVD BraiNet Template Set-Up ICU	38
019-437400	DVD BraiNet Continuous EEG in ICU	38
019-438200	BraiNet Template, Original, Adult/Child, 46-54cm	38
019-438300	BraiNet Template, Original, Adult/Child, 54-62cm	38
019-438400	BraiNet Template, Baby, 25-29cm	38
019-438500	BraiNet Template, Baby, 29.5-33cm	38
019-438600	BraiNet Template, Baby, 33.5-37cm	38
019-438700	BraiNet Template, Baby, 37.5-41cm	38
019-438800	BraiNet Template, Baby, 41.5-45cm	38
019-438900	BraiNet Template, 10/20, XSmall, 45.5-49cm	38
019-439000	BraiNet Template, 10/20, Small, 49.5-54cm	38
019-439100	BraiNet Template, 10/20, Child, 54.5-57cm	38
019-439200	BraiNet Template, 10/20, Adult, 57.5-62cm	38
019-439300	Disposable Adhesive Ring Electrode w/0.5m Leads	17
019-439400	Disposable Adhesive Electrode Set, 3 Discs w/0.5m Leads	16
019-444000	BraiNet 10/20 Headbox Overlay	38
019-446700	Bipolar Bar Electrode, 10mm Dia, 30mm Spacing, 1.0m Lead	12
019-451400	Luer Lock Syringe 1ml	7
019-451600	Luer Lock Syringe 3ml	7
019-473000	PROTEX™ Disinfectant Wipes	80
019-474800	Disposable Monopolar Needle Electrode w/74cm Lead, 20mm, 28G, Red	5
019-474900	Disposable Monopolar Needle Electrode w/74cm Lead, 25mm, 27G, Yellow	5
019-475000	Disposable Monopolar Needle Electrode w/74cm Lead, 37mm, 27G, Green	5
019-475100	Disposable Monopolar Needle Electrode w/74cm Lead, 37mm, 26G, White	5
019-475200	Disposable Monopolar Needle Electrode w/74cm Lead, 50mm, 26G, Blue	5
019-475300	Disposable Hook-Wire Electrode, Single	46
019-475400	Disposable Hook-Wire Electrode, Paired	46
019-475700	Natus Disposable Subdermal Needle Electrodes, Twisted Pair, 2m	45
019-475800	Natus Classic Disposable Subdermal Needle Electrode, 6 Color, 1m	44
019-475900	Natus Classic Disposable Subdermal Needle Electrode, 6 Color, 1.5m	44
019-476000	Natus Classic Disposable Subdermal Needle Electrode, 6 Color, 2.5m	44
019-476100	Natus Classic Disposable Subdermal Needle Electrode, 12 Color, 1m	44

Part Number	Description	Page
019-476200	Natus Classic Disposable Subdermal Needle Electrode, 12 Color, 1.5m	44
019-476300	Natus Classic Disposable Subdermal Needle Electrode, 12 Color, 2.5m	44
019-476400	Disposable Corkscrew Electrode, 1.2m	46
019-476600	Natus Ultra Disposable Subdermal Needle Electrode, 6 Color, 1m	44
019-476700	Natus Ultra Disposable Subdermal Needle Electrode, 12 Color, 1m	44
019-476800	Natus Ultra Disposable Subdermal Needle Electrode, 6 Color, 1.5m	44
019-476900	Natus Ultra Disposable Subdermal Needle Electrode, 12 Color, 1.5m	44
019-477000	Natus Ultra Disposable Subdermal Needle Electrode, 6 Color, 2.5m	44
019-477100	Natus Ultra Disposable Subdermal Needle Electrode, 12 Color, 2.5m	44
019-477200	Grass® Disposable Cup Electrode, Ag/AgCl, 1m Tangle Free Lead	36
019-477300	Grass® Disposable Cup Electrode, Ag/AgCl, 1.5m Tangle Free Lead	36
019-477400	Grass® Disposable Cup Electrode, Ag/AgCl, 2m Tangle Free Lead	36
019-477500	Grass® Stamped Cup Electrode, Gold, 1m Tangle Free Lead	35
019-477600	Grass® Stamped Cup Electrode, Gold, 1.5m Tangle Free Lead	35
019-477700	Grass® Stamped Cup Electrode, Gold, 2.5m Tangle Free Lead	35
019-477800	Grass® Stamped Cup Electrode, Silver, 1m Tangle Free Lead	35
019-477900	Grass® Stamped Cup Electrode, Silver, 1.5m Tangle Free Lead	35
019-478400	Grass® Stamped Cup Electrode, Ag/AgCl, 1m Tangle Free Lead	35
019-478500	Grass® Stamped Cup Electrode, Ag/AgCl, 1.5m Tangle Free Lead	35
019-478600	Grass® Stamped Cup Electrode, Gold, 2m Tangle Free Lead	35
019-478700	Grass® Stamped Cup Electrode, Silver, 2m Tangle Free Lead	35
019-478800	Grass® Stamped Cup Electrode, Silver, 2.5m Tangle Free Lead	35
019-478900	Grass® Stamped Cup Electrode, Ag/AgCl, 2m Tangle Free Lead	35
019-479000	Grass® Stamped Cup Electrode, Ag/AgCl, 2.5m Tangle Free Lead	35
019-479100	Grass® Stamped 6mm Cup Electrode, Gold, 1.5m Tangle Free Lead	35
019-479200	Grass® Disposable Cup Electrode, Ag/AgCl, 2.5m Tangle Free Lead	36
019-479500	Multi-Press AC/DC Pressure Flow/Snore Sensor	63
019-479600	Piezo Resp Effort Belt, Large/XL, Double Loop	57
019-479700	Piezo Snore Sensor, Xitek	61
019-479800	Piezo Resp Effort Belt, Large/XL, Double Loop, Grass	57
019-479900	DC Body Position Sensor, Embla 1/8" Plug	62
019-480200	Thermocouple Airflow Sensor, 1 channel	58
019-480300	Dynamic Microphone Snoring Sensor	61
019-480400	Thermistor Airflow Sensor, 1 channel, Embla	58
019-480600	Thermistor Airflow Sensor, 1 channel	58
019-480800	Thermocouple Airflow Sensor, 2 channel	58
019-480900	Thermocouple Airflow Sensor, Pediatric, 2 channel	58
019-481000	Thermistor Airflow Sensor, 2 channel	58
019-481100	Adjustable RIP Kit, Adult	56
019-481200	Adjustable RIP Belt, Adult	56
019-481300	DC Body Position Sensor, Grass 1/8" Plug	62
019-741901	Gold TIPtrode, 13mm	29
019-746802	Gold TIPtrode, 10mm	29
019-767700	Disposable Adhesive Electrode Center Snap, Rectangular	30
019-768500	Disposable Adhesive Ground Plate Tab Electrode	19
019-772100	Cup Electrode, Silver, 6mm Cup, 1m Tangle Free Lead	35
019-772200	Cup Electrode, Silver, 6mm Cup, 1.5m Tangle Free Lead	35
019-772500	Cup Electrode, Gold, 6mm Cup, 1m Tangle Free Lead	35
019-772600	Cup Electrode, Gold, 6mm Cup, 1.5m Tangle Free Lead	35
019-773100	Touchproof Adaptor, 2mm M to 1.5mm F	41
031D035	Adjustable Probe Tip Head for Deluxe Stimulating Probe	9
031D067	Straight Probe Tip Head for Deluxe Stimulating Probe	9

PART NUMBER INDEX

Part Number	Description	Page	Part Number	Description	Page	Part Number	Description	Page
031D068	Angled Probe Tip Head for Deluxe Stimulating Probe	9	635546NED	Infra-Cap I-1/2 Custom, Blue/Pink, 21 Electrodes	37	9013L0352	Hand-Held Felt Pad Stimulating Electrode, 10mm Spacing	11
031K074	Deluxe Bipolar Stimulating Probe w/adjustment controls	9	635547NED	Infra-Cap I- 2/3, Custom, Pink/Brown, 21 Electrodes	37	9013L0362	Hand-Held Felt Pad Stimulating Electrode, 23mm Spacing, Removable Handle	11
040D040	Temperature Probe with Ferrite	24	635550NED	Needle/Syringe Kit	37	9013L0453	Disposable Adhesive Electrode w/50cm Lead	18
041-704000	Tubal Insert Phones (TIPs) Kit, Nicolet	28	635551NED	Blunted Needle	37	9013L0493	Dantec Autoclavable (Reusable) Concentric Needle, 40mm, 26G	3
071-423500	Comfort Probe & Comfort Probe Plus Adult Straight Probe Head	9	635558NED	Cap Strap, Large	37	9013L0503	Dantec Autoclavable (Reusable) Concentric Needle, 30mm, 26G	3
071-423600	Comfort Probe & Comfort Probe Plus Adult Angled Probe Head	9	635560NED	Cap Strap, Small	37	9013L0513	Dantec Autoclavable (Reusable) Concentric Needle, 20mm, 26G	3
071-423700	Comfort Probe & Comfort Probe Plus Pediatric Straight Probe Head	9	635564NED	Cap Strap, Medium	37	9013L0582	Dantec Autoclavable (Reusable) Concentric Needle, 20mm, 30G	3
071-423800	Comfort Probe & Comfort Probe Plus Pediatric Angled Probe Head	9	635565NED	Cap Strap, Medium/Small	37	9013L0692	Velcro Digital Ring Electrodes w/Cable	14
071-500600	Comfort Probe & Comfort Probe Plus Touchproof Probe Head	9	635568NED	Cap Strap, Small for Infra-Cap I	37	9013L0862	Disc Ground Electrode, 1.25m Lead	13
085-415000	TIPProbe Cable, 250mm	29	635569NED	Cap Straps, Small for Infra-Cap II	37	9013L1702	Velcro Digital Ring Electrodes	14
085-416800	Micrograbber Cable, 2m	50	635570NED	Cap Straps Small for Infra-Cap III	37	9013L3522	Felt Pad Replacement for Hand-Held Felt Pad Stimulating Electrode, 7.5 mm	11
085-417401	Natus Concentric Cable Adaptor, 15.2cm	23	635574NED	Chin Strap, 5"	37	9013L3532	Felt Pad Replacement for Hand-Held Felt Pad Stimulating Electrode, 3 mm	11
085-444700	Natus Needle Holder for Single Fiber Needles	8	635575NED	Chin Strap, 7"	37	9013L4402	St. Mark's Pudendal NCS Electrode	15
085-452500	Snap Electrode Shielded Cable, 2 Snap, 1.5m	21	635578NED	Head Measuring Tape	37	9013P0283	Touchproof to 5-Pin DIN Adaptor Cable	23
085-460000	Rhizotomy Hook Cable, 3m	50	635579NED	Infra-Head Measuring Tape for Infants	37	9013P0602	HUSH Alligator Clip Lead, 80cm Lead (Green)	22
085-746400	Replacement TIPs Cable, Nicolet	28	635582NED	Quick Insert Electrode w/1.5mm TP	37	9013P0622	HUSH Alligator Clip Lead, 80cm Lead (Black)	22
101432XL	Measurement Tapes, Retractable	80	635583NED	Electrode Board Adaptor w/20 1.5mm TP	37	9013P0642	HUSH Alligator Clip Lead, 80cm Lead (Red)	22
101963XL	Reusable Stimulation Probe with Start/Stop Switch	10	635584NED	Electrode Board Adaptor w/21 1.5mm TP	37	9013P0733	Touchproof Lead Extension, 1m	23
102340XL	SIGNAGEL® Electrode Gel	76	635585NED	Electrode Board Adaptor for Schwarzer EPAS	37	9013R0213	Dantec Disposable Sensory Needle Electrode, 15mm, 22G	8
105720XL	Nonin Disposable Sensor, Adult	65	635593NED	Syringe	37	9013R0223	Dantec Disposable Sensory Needle Electrode, 30mm, 22G	8
117-401900	Alligator Clip Lead Wire Kit, 1.25m Leads (Red/Black/Green)	20	637038NE	Electrode Board Adaptor for EEG 1042	37	9013R0233	Dantec Disposable Sensory Needle Electrode, 50mm, 22G	8
122-409000	Electro-Cap System III	37	637039NE	Flat Cable Assembly, 40-pin	37	9013R0243	Dantec Disposable Sensory Needle Electrode, 15mm, 28G	8
122-409400	Electro-Cap, Large, Blue	37	698-621400	Velcro Strap, 55cm Length	25	9013R0253	Dantec Disposable Sensory Needle Electrode, 30mm, 28G	8
122-409500	Electro-Cap, Medium, Red	37	828-202300	Nicolet Viking Shielded Headphones	31	9013R0272	Dantec Disposable Sensory Needle Electrode, 20mm, 28G	8
122-409600	Electro-Cap, Small, Yellow	37	828-202700	Nicolet Viking Unshielded Headphones	31	9013R0313	Disposable Scalp Needle Electrodes	45
122-412700	Zymit® Enzyme Cleaner	80	842-106504	Nicolet Viking Goggles	31	9013S0012	Dantec DCN Disposable Concentric Needle Electrodes, 25mm, 30G, Orange	3
122-736000	Ten20® Conductive Paste, 4oz Tube	76	842-116700	Tendon (Reflex) Hammer	24	9013S0022	Dantec DCN Disposable Concentric Needle Electrodes, 25mm, 26G, Green	3
122-736100	NuPrep® Skin Prep Gel	77	842-122600	EMG Needle Holder	25	9013S0032	Dantec DCN Disposable Concentric Needle Electrodes, 37mm, 26G, Blue	3
122-737200	ACQASONIC® 100 Ultrasound Transmission Gel	77	842-202600	Bone Vibrator Transducer	30	9013S0042	Dantec DCN Disposable Concentric Needle Electrodes, 50mm, 26G, Red	3
122-739000	Sharps Container, Small, 1 Quart	24	842-216700	Contact Lens Electrode	30	9013S0052	Dantec DCN Disposable Concentric Needle Electrodes, 75mm, 23G, Yellow	3
122-739100	Sharps Container, Large, 2 Quart	24	842-507300	Replacement Ear Tips, 3.5mm	29	9013S0212	Disposable Adhesive Electrode w/10cm Lead	18
123-401600	Disposable Adhesive Mini-Temp Hearts for Flexible Surface Temp. Probe	24	842-507400	Replacement Ear Tips, 4.0mm	29	9013S0242	Disposable Adhesive Electrode w/8cm Lead	18
123-402000	3M™ Coban™ Self-Adherent Wrap	78	842-507500	Replacement Ear Tips, 5.0mm	29	9013S0302	Digital Ring Electrode, 1m Cable	14
123-723900	3M™ Micropore™ Surgical Tape	78	842-507900	Disposable Adhesive Electrode Center Snap, Round	30	9013S0312	Digital Ring Electrode, 1m Leads	14
1330A-KIT	Piezo Resp Effort Belt, Large, Double Buckle, Grass Key	57	900X570	Disposable Concentric Probe	48	9013S0332	Digital Ring Electrode, Large, 1.2m Leads	14
1370G-KIT	Piezo Resp Effort Belt, Large, Double Buckle, Grass	57	900X571	Disposable Bipolar Probe	48	9013S0352	HUSH Bipolar Bar Electrode, 1m Lead	12
1388G-KIT	Piezo Resp Effort Belt, Small/Pediatric, Velcro Tab, Grass	57	900X572	Disposable Monopolar Probe	48	9013S0402	HUSH Disc Electrodes, 1m Lead	13
1401G	Thermocouple Airflow Sensor, 1 channel	58	9013C0013	Dantec DCN Concentric Needle Holder Cable, 1m, 5-Pin DIN Connector	3	9013S0412	Stainless Steel Disc Electrodes, 1m Adjustable Twisted Leads	13
1401G-H	Thermistor Airflow Sensor for Cannula	59	9013C0023	Dantec DCN Concentric Needle Holder Cable, 2m, 5-Pin DIN Connector	3	9013S0422	Bo-ject DHN Disposable Hypodermic Needle Electrode, 25mm, 30G, Orange	6
1413G	Thermocouple Airflow Sensor for Cannula	59	9013C0032	Dantec Cable for Disposable Monopolar Needles, 39"(1m), 5-Pin DIN	5	9013S0432	Bo-ject DHN Disposable Hypodermic Needle Electrode, 25mm, 27G, Green	6
1421-H	Thermistor Airflow Sensor for Cannula, Grass Key	59	9013C0042	Dantec Cable for Disposable Monopolar Needles, 59"(2m), TP Connectors	5	9013S0442	Bo-ject DHN Disposable Hypodermic Needle Electrode, 37mm, 27G, Light Blue	6
14838-KIT	AC Pressure/Snore Sensor, Grass Key	63	9013C0112	HUSH Shielded cable for Velcro Digital Ring Electrodes, 1m	8, 14	9013S0452	Bo-ject DHN Disposable Hypodermic Needle Electrode, 50mm, 25G, Red	6
1574-KIT	DC Body Position Sensor, Grass Key	62	9013C0122	HUSH Shielded Cable for Sensory Needle Electrode, 2m	8, 14	9013S0462	Bo-ject DHN Disposable Hypodermic Needle Electrode, 75mm, 22G, Yellow	6
1700-9604	Disposable Foam Ear Tips, 13mm	29	9013C0132	Dantec Shielded Cable for Disposable Sensory Needle Electrodes, 1m	8	9013S0472	Bo-ject DHN Disposable Hypodermic Needle Electrode, 37mm, 26G, Blue	6
1700-9605	Disposable Foam Ear Tips, 10mm	29	9013C0142	Dantec Shielded Cable for Disposable Sensory Needle Electrodes, 2m	8	9013S0612	Dantec DMN Monopolar Needles: 25mm, 0.33mm (28G), Orange	5
1700-9686	Nubbies for Replacement Tubes	29	9013C0152	Dantec Electrode Cable, Unshielded, 80cm	8	9013S0622	Dantec DMN Monopolar Needles: 25mm, 0.40mm (26G), Green	5
1700-9688	Replacement Red/Blue Silicone Tubes	29	9013C0232	HUSH 3-in-1 Shielded Alligator Clip Cable, 1m	22	9013S0632	Dantec DMN Monopolar Needles: 37mm, 0.33mm (28G), Light Blue	5
1770G-KIT	Limb Movement Sensor	63	9013C0242	Dantec Electrode Cable, Unshielded, 2m	8	9013S0642	Dantec DMN Monopolar Needles: 37mm, 0.40mm (26G), Blue	5
1773-KIT	Limb Movement Sensor, Grass Key	63	9013C0302	HUSH Yoke Cable, 1.5m, 5-Pin Right-Angle DIN Connector	23	9013S0652	Dantec DMN Monopolar Needles: 50mm, 0.40mm (26G), Red	5
2002-TP	Shuttle Cable, 61 cm	22	9013C0312	HUSH Yoke Cable, 1.5m	23	9013S0662	Dantec DMN Monopolar Needles: 75mm, 0.40mm (26G), Orange	5
222-490300	Nonin Sensor Extension Cable, 3m	65	9013C0402	HUSH Yoke Cable, 10cm	23	9013S0714	Ground Velcro Strap Electrode, 10cm x 15mm	13
222-490400	Nonin Sensor Extension Cable, 6m	65	9013C0422	HUSH Yoke Cable, 4m, 5-Pin Right Angle DIN Connector	23			
222-496100	Natus Disposable Cortical Stimulation Probe	39	9013K0873	Dantec Autoclavable (Reusable) Single Fiber Needle Electrode 40mm, 26G	8			
268-411800	Flexible Surface Temperature Probe w/1.2m Cable	24	9013L0014	Dantec Lead Cable for Single Fiber & Autoclavable Concentric Needles, 1m	3			
270-401000	Marking Pen, Wet Erase, Blue	80	9013L0014	Dantec Cable for Single Fiber & Autoclavable Concentric Needles, 39"(1m)	8			
500-P	BraiNet Original/Baby Headbox Overlay	38	9013L0203	Disposable Adhesive Non-Gelled Electrode w/8cm Lead	18			
5032-TP	Digital Ring Electrode, 1m Leads	14	9013L0222	Hand-Held Felt Pad Stimulating Electrode, 23mm Spacing, Fixed Handle	11			
515-016300	Comfort Probe Electrical Stimulating Probe	9	9013L0241	Acceleration Transducer for Tremor Analysis	25			
515-018300	EMG Needle Holder	25	9013L0302	Dantec Autoclavable (Reusable) Concentric Needle, 65mm, 23G	3			
515-018800	Comfort Probe Plus Electrical Stimulating Probe w/ adjustment controls	9	9013L0312	Dantec Autoclavable (Reusable) Concentric Needle, 42mm, 23G	3			
6030-3-TP	Stainless Steel Disc Electrodes, 1m Separate Leads	13	9013L0322	St. Mark's Pudendal NCS Electrode Cable, 2m	15			
6030-TP	Stainless Steel Disc Electrodes, 1m Twisted Leads	13						
6032-TP	Digital Ring Electrode, 46cm Leads, TP	14						
6035-TP	Stackable Jumper/Linker Cables, 4"	39						

PART NUMBER INDEX

Part Number	Description	Page
9013S0735	Ground Velcro Strap Electrode, 18.5cm x 20mm	13
9013S0745	Ground Velcro Strap Electrode, 75cm x 20mm	13
9013S0775	Ground Velcro Strap Electrode, 45cm x 20mm	13
9015B0282	Stackable Jumper/Linker Cables, 3"	39
9021S0235	Disposable Adhesive Electrode w/20cm Lead	18
902-DMF25-S	TECA Elite Disposable Monopolar Needle, 25mm, 28G, Red	4
902-DMF25-TP	TECA Disposable Monopolar Needle, 25mm, 28G, Red	4
902-DMF37-S	TECA Elite Disposable Monopolar Needle, 37mm, 28G, Orange	4
902-DMF37-TP	TECA Disposable Monopolar Needle, 37mm, 28G, Orange	4
902-DMG25-S	TECA Elite Disposable Monopolar Needle, 25mm, 26G, Yellow	4
902-DMG25-TP	TECA Disposable Monopolar Needle, 25mm, 26G, Yellow	4
902-DMG37-S	TECA Elite Disposable Monopolar Needle, 37mm, 26G, Green	4
902-DMG37-TP	TECA Disposable Monopolar Needle, 37mm, 26G, Green	4
902-DMG50-S	TECA Elite Disposable Monopolar Needle, 50mm, 26G, Blue	4
902-DMG50-TP	TECA Disposable Monopolar Needle, 50mm, 26G, Blue	4
902-DMG75-S	TECA Elite Disposable Monopolar Needle, 75mm, 26G, Violet	4
902-DMG75-TP	TECA Disposable Monopolar Needle, 75mm, 26G, Violet	4
902-EX-TP	Extension Cable for Monopolar Needles, 61cm	23
902-RLC-TP	TECA Lead Cable for Disposable Monopolar Needles, 24" (61cm)	4
902-SLC	Shielded Monopolar Cable, 61cm	22
9101G	RIP Interface Cable, Abdomen, Grass TP	56
9102G	RIP Interface Cable, Chest, Grass TP	56
9523-7-TP	Hand-Held Bipolar Stimulator Probe with Stainless Steel Tips	10
9541-7-TP	Replacement Stainless Steel Tips for Hand-Held Bipolar Stimulator Probe	10
ACE114	Piezo Resp Effort Belt, Large/XL, Double Loop	57
ACE116	Piezo Resp Effort Belt, Small/Pediatric, Velcro Tab	57
ACE119	DC Body Position Sensor	62
ACE131	Thermocouple Flow Sensor, Pediatric	59
ACE146	Limb Movement Sensor	63
ACE176	Thermocouple Flow Sensor, Infant	59
ACE313	Electro-Cap, Extra Small, Green	37
ACE322	Infa-Cap I, Blue (10/20 system)	37
ACE323	Infa-Cap II, Pink (modified system)	37
ACE324	Infa-Cap III, Brown (modified system)	37
ACE332	Electro-Cap, Custom, Large, Blue (20 Electrodes + Oz)	37
ACE333	Electro-Cap, Custom, Medium, Red (20 Electrodes + Oz)	37
ACE334	Electro-Cap, Custom, Small, Yellow (20 Electrodes + Oz)	37
ACE335	Electro-Cap, Custom, Extra Small, Green (20 Electrodes + Oz)	37
ACE336	Electro-Cap System I	37
ACE339	Infa-Cap I, Custom, Blue (20 Electrodes + Oz)	37
ACE340	Infa-Cap II, Custom, Pink (10 Electrodes + Oz)	37
ACE341	Infa-Cap III, Custom, Brown (10 Electrodes + Oz)	37
ADE011	Body Harness, Large	37
ADE012	Body Harness, Medium	37
ADE013	Body Harness, Small	37
ADE016	Disposable Sponge Discs	37
ADE020	Infa-Body Harness	37
AEE112	Quick Insert Electrode w/1.5mm TP	37
AIE071	Large Buckle Replacement Belt	57
AT15	3M™ Blenderm™ Surgical Tape	78
CANNULA FILTER	Disposable Cannula Filter	70
CB0102	Alligator Clip Lead Wire Set, 61cm Leads (Red/Black/Green)	20
CD-SNT&P	EMG on DVD, Volume 3, Sensory Nerve Conduction Studies, DVD	26
CEDL-1PDINX-000	Disposable Epidural Spinal Electrode	48
EC2	Genuine Grass® EC2® Electrode Cream	76
EDAID1	Grass® Frequency Ruler	42
EDAID2	Grass® Head Measurement Tapes	80
EDBOOK1	International 10-20 System of Electrode Placement Book	42
EDCHART1	International 10-20 System of Electrode Placement Chart	42

Part Number	Description	Page
EM1	Marking Pen, China Marker, Red	80
EM2	Marking Pen, China Marker, White	80
EM3	Marking Pen, China Marker, Blue	80
FD-E5GH-48	Genuine Grass® Cup Electrode, Gold, 48" Lightweight Lead, Red TP	34
FD-E5GH-60	Genuine Grass® Cup Electrode, Gold, 60" Lightweight Lead, Red TP	34
FD-E5GH-72	Genuine Grass® Cup Electrode, Gold, 72" Lightweight Lead, Red TP	34
FD-E5GH-96	Genuine Grass® Cup Electrode, Gold, 96" Lightweight Lead, Red TP	34
F-E2-12	Genuine Grass® Platinum Subdermal Needle Electrode, 10 Color, 12"	45
F-E2-24	Genuine Grass® Platinum Subdermal Needle Electrode, 10 Color, 24"	45
F-E2-30	Genuine Grass® Platinum Subdermal Needle Electrode, 10 Color, 30"	45
F-E2-48	Genuine Grass® Platinum Subdermal Needle Electrode, 10 Color, 48"	45
F-E2-72	Genuine Grass® Platinum Subdermal Needle Electrode, 10 Color, 72"	45
F-E34DG-48	Genuine Grass® Ear Clip Electrode, Gold, 48" Lead	36
F-E34DG-72	Genuine Grass® Ear Clip Electrode, Gold, 72" Lead	36
F-E34DS-48	Genuine Grass® Ear Clip Electrode, Silver, 48" Lead	36
F-E5GH-12	Genuine Grass® Cup Electrode, Gold, 12" Lightweight Lead	34
F-E5GH-120	Genuine Grass® Cup Electrode, Gold, 120" Lightweight Lead	34
F-E5GH-24	Genuine Grass® Cup Electrode, Gold, 24" Lightweight Lead	34
F-E5GH-30	Genuine Grass® Cup Electrode, Gold, 30" Lightweight Lead	34
F-E5GH-48	Genuine Grass® Cup Electrode, Gold, 48" Lightweight Lead	34
F-E5GH-60	Genuine Grass® Cup Electrode, Gold, 60" Lightweight Lead	34
F-E5GH-72	Genuine Grass® Cup Electrode, Gold, 72" Lightweight Lead	34
F-E5GH-96	Genuine Grass® Cup Electrode, Gold, 96" Lightweight Lead	34
F-E5SH-48	Genuine Grass® Cup Electrode, Silver, 48" Lightweight Lead	34
F-E5SH-72	Genuine Grass® Cup Electrode, Silver, 72" Lightweight Lead	34
F-E6GH-48	Genuine Grass® 6mm Cup Electrode, Gold, 48" Lightweight Lead	34
F-EPG-G-15CM-48	Genuine Grass® Nasopharyngeal Electrode	47
FG08A-LP10X-0JF	Disposable 8-Contact Grid Electrodes	46
FH-E5GH-48	Genuine Grass® Cup Electrode, Gold, 48" Lightweight Lead, Yellow TP	34
FH-E5GH-60	Genuine Grass® Cup Electrode, Gold, 60" Lightweight Lead, Yellow TP	34
FH-E5GH-72	Genuine Grass® Cup Electrode, Gold, 72" Lightweight Lead, Yellow TP	34
FH-E5GH-96	Genuine Grass® Cup Electrode, Gold, 96" Lightweight Lead, Yellow TP	34
FH-E5SH-48	Genuine Grass® Cup Electrode, Silver, 48" Lightweight Lead, Yellow TP	34
FS-E5GH-120	Genuine Grass® Cup Electrode, Gold, 120" No-Tangle Lead	34
FS-E5GH-48	Genuine Grass® Cup Electrode, Gold, 48" No-Tangle Lead	34
FS-E5GH-60	Genuine Grass® Cup Electrode, Gold, 60" No-Tangle Lead	34
FS-E5GH-72	Genuine Grass® Cup Electrode, Gold, 72" No-Tangle Lead	34
FS-E5GH-96	Genuine Grass® Cup Electrode, Gold, 96" No-Tangle Lead	34
FS-E5SH-48	Genuine Grass® Cup Electrode, Silver, 48" No-Tangle Lead	34
FS-E5SH-60	Genuine Grass® Cup Electrode, Silver, 60" No-Tangle Lead	34
F-SL120	Snap Electrode Leads, 120"	73
F-SL48	Snap Electrode Leads, 48"	73
F-SL60	Snap Electrode Leads, 60"	73
F-SL72	Snap Electrode Leads, 72"	73
F-SL96	Snap Electrode Leads, 96"	73

Part Number	Description	Page
MJT-2527-LL	TECA MyoJect Disposable Injectable Needle Electrode, 25mm, 27G, Yellow	6
MJT-2530-LL	TECA MyoJect Disposable Injectable Needle Electrode, 25mm, 30G, Red	6
MJT-3726-LL	TECA MyoJect Disposable Injectable Needle Electrode, 37mm, 26G, Green	6
MJT-3727-LL	TECA MyoJect Disposable Injectable Needle Electrode, 37mm, 27G, Orange	6
MJT-5025-LL	TECA MyoJect Disposable Injectable Needle Electrode, 50mm, 25G, Blue	6
MJT-7522-LL	TECA MyoJect Disposable Injectable Needle Electrode, 75mm, 22G, Violet	6
MS04N-LP10X-0JF	Disposable 4-Contact Strip Electrodes	46
MS08N-LP10X-0JF	Disposable 8-Contact Strip Electrodes	46
N2025	30 Patient Kit, Disposable Adhesive Bar, Ring & Ground Tab Electrodes	19
N6003	Disposable Adhesive Bar/Disc Tab Electrode	19
S53153	TECA ELITE Disposable Concentric Needle Electrodes, 25mm, 30G, Red	2
S53155	TECA ELITE Disposable Concentric Needle Electrodes, 25mm, 26G, Yellow	2
S53156	TECA ELITE Disposable Concentric Needle Electrodes, 37mm, 26G, Green	2
S53158	TECA ELITE Disposable Concentric Needle Electrodes, 50mm, 26G, Blue	2
S53159	TECA ELITE Disposable Concentric Needle Electrodes, 75mm, 23G, Violet	2
W6179H	Shielded 3-in-1 Extension Cable	22
X21001	TECA ELITE Concentric Needle Holder Cable, 1m, 5-Pin DIN Connector	2
XPOD	Nonin Xpod Oximeter, Grass	64

SUBJECT INDEX

Part Number	Description	Page
ACCELERATION SENSORS		
9013L0241	Acceleration Transducer for Tremor Analysis	25
ADHESIVE ELECTRODES - DISPOSABLE		
1410505	Disposable Adhesive Electrode, Round, Center Snap	71
1410510	Disposable Adhesive Electrode, Oval, Offset Snap	71
019-427000	Disposable Adhesive Electrode, Square, Center Snap	71
019-767700	Disposable Adhesive Electrode Center Snap, Rectangular	30
842-507900	Disposable Adhesive Electrode Center Snap, Round	30
ADHESIVE ELECTRODES - DISPOSABLE W/LEAD WIRE ATTACHED		
1410514	Adhesive Disposable Electrode w/39" Lead	71
1410515	Adhesive Disposable Electrode w/59" Lead	71
019-400400	Disposable Adhesive Electrode Set, 4 Discs w/1m Leads	16
019-400500	Disposable Adhesive Ground Plate Electrode w/1m Lead	17
019-406600	Disposable Adhesive Tab Electrodes, 2/pouch w/1m Leads	16
019-408500	Disposable Adhesive Electrode w/1m Lead	17
019-409000	Disposable Adhesive Electrode Set, 4 Discs w/2m Leads	16
019-409100	Disposable Adhesive Ground Plate Electrode w/2m Lead	17
019-414200	Disposable Adhesive Electrode Set, 3 Discs w/1m Leads	16
019-415000	Disposable Adhesive Electrode 2x2 Set, 4 Discs w/1.5m Leads	16
019-415200	Disposable Adhesive Electrode, NCV Test Kit: 2 Disc 1 Ground, 1m	16
019-420800	Disposable Adhesive Electrode 2x2 Set, 4 Discs w/3m Leads	16
019-422200	Disposable Adhesive Ground Plate Electrode w/1.5m Lead	17
019-434600	Disposable Adhesive Transparent Electrode Set, 3 Discs w/0.5m Leads	17
019-434700	Disposable Adhesive Transparent Electrode Set, 3 Discs w/0.8m Leads	17
019-434800	Disposable Adhesive Transparent Electrode Set, 3 Discs w/1.2m Leads	17
019-439300	Disposable Adhesive Ring Electrode w/0.5m Leads	17
019-439400	Disposable Adhesive Electrode Set, 3 Discs w/0.5m Leads	16
9013L0203	Disposable Adhesive Non-Gelled Electrode w/8cm Lead	18
9013L0453	Disposable Adhesive Electrode w/50cm Lead	18
9013S0212	Disposable Adhesive Electrode w/10cm Lead	18
9013S0242	Disposable Adhesive Electrode w/8cm Lead	18
9021S0235	Disposable Adhesive Electrode w/20cm Lead	18
ADHESIVE SNAP ELECTRODES - DISPOSABLE		
019-429400	Disposable Adhesive Snap Dual-Surface Electrode	21
ADHESIVE TAB ELECTRODES - DISPOSABLE		
101169	Disposable Adhesive Nutab™ Tab Electrode	20
101226	Disposable Adhesive Care 310° Ground Electrode	20
019-435300	Disposable Adhesive Ground Tab Electrode	19
019-435500	Disposable Adhesive Ring Tab Electrode	19
019-768500	Disposable Adhesive Ground Plate Tab Electrode	19
N2025	30 Patient Kit, Disposable Adhesive Bar, Ring & Ground Tab Electrodes	19
N6003	Disposable Adhesive Bar/Disc Tab Electrode	19
ALLIGATOR-CLIP LEADS		
019-417000	Alligator Clip Lead Wire Kit, 1.25m Leads (Red & Black)	20
019-417200	Alligator Clip Lead Ground, 1.25m Lead (Green)	20
117-401900	Alligator Clip Lead Wire Kit, 1.25m Leads (Red/Black/Green)	20
CB0102	Alligator Clip Lead Wire Set, 61cm Leads (Red/Black/Green)	20

Part Number	Description	Page
APPLICATION PRODUCTS - ANCILLARY		
101917	3M™ Transpore™ Surgical Tape	78
102107	Cotton Tipped Applicators/Swabs, 6"	79
103035	Marking Pen, Surgical Skin Marker, Violet	80
103825	Gauze Squares, 2"X2"	79
104517	Conform Stretch Gauze Rolls	79
1412002	Cotton Tipped Applicators/Swabs, 3"	79
1412006	Cotton Tipped Applicators/Swabs, 4"	79
1450051	Head Net, Gauze - Adult	79
1450052	Head Net, Gauze - Pediatric	79
016-400800	Gauze squares, 3"X3"	79
101432XL	Measurement Tapes, Retractable	80
123-402000	3M™ Coban™ Self-Adherent Wrap	78
123-723900	3M™ Micropore™ Surgical Tape	78
270-401000	Marking Pen, Wet Erase, Blue	80
AT15	3M™ Blenderm™ Surgical Tape	78
EDAID2	Grass™ Head Measurement Tapes	80
EM1	Marking Pen, China Marker, Red	80
EM2	Marking Pen, China Marker, White	80
EM3	Marking Pen, China Marker, Blue	80
APPLICATION PRODUCTS - CREAMS, PASTES & GELS		
101086	SIGNACREME® Electrode Cream	76
1411003	Ten20® Conductive Paste, 4oz Jar	76
016-401600	TENSIVE® Conductive Adhesive Gel	76
016-401800	SPECTRA® 360 Electrode Gel	77
016-703700	Ten20® Conductive Paste, 8oz Jar	76
016-703800	Synapse Conductive Electrode Cream	76
102340XL	SIGNAGEL® Electrode Gel	76
122-736000	Ten20® Conductive Paste, 4oz Tube	76
122-737200	AQUASONIC® 100 Ultrasound Transmission Gel	77
EC2	Genuine Grass™ EC2® Electrode Cream	76
APPLICATION PRODUCTS - SKIN PREPS		
016-400000	3M™ One Step Red Dot Skin Prep Abrader Tape	78
016-401000	LemonPrep™ Abrasive Skin Prepping Lotion, 4oz Tube	77
016-402900	Waveprep™ Mildly Abrasive Skin Prep, 0.3oz Cup	77
016-403300	LemonPrep™ Abrasive Skin Prepping Lotion, 0.35oz Cup	77
016-703200	Electrode Prep Pads	78
122-736100	NuPrep® Skin Prep Gel	77
BAR ELECTRODES		
019-401400	Bipolar Bar Electrode, 9mm Dia., 30mm Spacing, 1.0m Lead	12
019-401500	Bipolar Felt Pad Bar Electrode, 30mm Spacing	12
019-406700	Felt Pad Replacement for Bipolar Felt Pad Bar Electrode	12
019-421000	Snap On T-Handle For Bar Electrodes	12
019-431400	Bipolar Bar Electrode, 9mm Dia., 30mm Spacing, 0.5m Lead	12
019-446700	Bipolar Bar Electrode, 10mm Dia., 30mm Spacing, 1.0m Lead	12
9013S0352	HUSH Bipolar Bar Electrode, 1m Lead	12
BIPOLAR STIMULATING PROBES		
101284	Replacement Stim Probe Tip w/Prongs for Reusable Stimulation Probe	10
9031E0171	Advanced Stimulation Handgrip Electrical Stimulating Probe	10
019-403800	Small Stimulating Electrode, 1m Lead	10
031D035	Adjustable Probe Tip Head for Deluxe Stimulating Probe	9
031D067	Straight Probe Tip Head for Deluxe Stimulating Probe	9
031D068	Angled Probe Tip Head for Deluxe Stimulating Probe	9
031K074	Deluxe Bipolar Stimulating Probe w/ adjustment controls	9
071-423500	Comfort Probe & Comfort Probe Plus Adult Straight Probe Head	9
071-423600	Comfort Probe & Comfort Probe Plus Adult Angled Probe Head	9
071-423700	Comfort Probe & Comfort Probe Plus Pediatric Straight Probe Head	9
071-423800	Comfort Probe & Comfort Probe Plus Pediatric Angled Probe Head	9
071-500600	Comfort Probe & Comfort Probe Plus Touchproof Probe Head	9
101963XL	Reusable Stimulation Probe with Start/Stop Switch	10
515-016300	Comfort Probe Electrical Stimulating Probe	9
515-018800	Comfort Probe Plus Electrical Stimulating Probe w/ adjustment controls	9
9523-7-TP	Hand-Held Bipolar Stimulator Probe with Stainless Steel Tips	10
9541-7-TP	Replacement Stainless Steel Tips for Hand-Held Bipolar Stimulator Probe	10

Part Number	Description	Page
CANNULAS		
005923	Nasal Pressure & Gas Sampling Cannula, Adult	69
005925	Nasal Pressure & Gas Sampling Cannula, Pediatric	69
15809	Disposable Cannula Filter	70
1420002	Nasal Pressure Cannula, Adult, 1.75'	68
1420011	Nasal Pressure Cannula, Adult, 4'	68
1420013	Nasal Pressure Cannula, Adult, 6'	68
1420020	Nasal Pressure Cannula, Pediatric, 1'	69
1420030	Nasal Pressure Cannula, Intermediate Infant	68
1420040	Nasal Pressure Cannula, Infant	68
1420050	Nasal Pressure Cannula, Pediatric, 7'	69
1420100	Nasal/Oral Pressure Cannula, Adult, 1'	68
1420101	Nasal/Oral Pressure Cannula, Adult, 7'	68
1420110	ThermiSense Nasal Cannula w/Filter, 7'	69
1420111	ThermiSense Nasal Cannula, 7'	69
1420112	ThermiSense Nasal Cannula, 2'	69
1420113	ThermiSense Nasal & Gas Sampling Cannula	70
1420114	ThermiSense Nasal/Oral & Gas Sampling Cannula	70
1420125	ThermiSense Nasal & Gas Sampling Cannula, Pediatric	69
CANNULA FILTER	Disposable Cannula Filter	70
CONCENTRIC NEEDLE ELECTRODES - DISPOSABLE		
9013C0013	Dantec DCN Concentric Needle Holder Cable, 1m, 5-Pin DIN Connector	3
9013C0023	Dantec DCN Concentric Needle Holder Cable, 2m, 5-Pin DIN Connector	3
9013S0012	Dantec DCN Disposable Concentric Needle Electrodes, 25mm, 30G, Orange	3
9013S0022	Dantec DCN Disposable Concentric Needle Electrodes, 25mm, 26G, Green	3
9013S0032	Dantec DCN Disposable Concentric Needle Electrodes, 37mm, 26G, Blue	3
9013S0042	Dantec DCN Disposable Concentric Needle Electrodes, 50mm, 26G, Red	3
9013S0052	Dantec DCN Disposable Concentric Needle Electrodes, 75mm, 23G, Yellow	3
5S3153	TECA ELITE Disposable Concentric Needle Electrodes, 25mm, 30G, Red	2
5S3155	TECA ELITE Disposable Concentric Needle Electrodes, 25mm, 26G, Yellow	2
5S3156	TECA ELITE Disposable Concentric Needle Electrodes, 37mm, 26G, Green	2
5S3158	TECA ELITE Disposable Concentric Needle Electrodes, 50mm, 26G, Blue	2
5S3159	TECA ELITE Disposable Concentric Needle Electrodes, 75mm, 23G, Violet	2
X21001	TECA ELITE Concentric Needle Holder Cable, 1m, 5-Pin DIN Connector	2
CONCENTRIC NEEDLE ELECTRODES - REUSABLE		
9013L0014	Dantec Lead Cable for Single Fiber & Autoclavable Concentric Needles, 1m	3
9013L0302	Dantec Autoclavable (Reusable) Concentric Needle, 65mm, 23G	3
9013L0312	Dantec Autoclavable (Reusable) Concentric Needle, 42mm, 23G	3
9013L0493	Dantec Autoclavable (Reusable) Concentric Needle, 40mm, 26G	3
9013L0503	Dantec Autoclavable (Reusable) Concentric Needle, 30mm, 26G	3
9013L0513	Dantec Autoclavable (Reusable) Concentric Needle, 20mm, 26G	3
9013L0582	Dantec Autoclavable (Reusable) Concentric Needle, 20mm, 30G	3
CONTACT LENS ELECTRODE		
842-216700	Contact Lens Electrode	30
CORKSCREW ELECTRODE		
019-476400	Disposable Corkscrew Electrode, 1.2m	46
CORTICAL STIMULATION PROBE		
222-496100	Natus Disposable Cortical Stimulation Probe	39
CUP ELECTRODES - DISPOSABLE		
019-477200	Grass® Disposable Cup Electrode, Ag/AgCl, 1m Tangle Free Lead	36
019-477300	Grass® Disposable Cup Electrode, Ag/AgCl, 1.5m Tangle Free Lead	36
019-477400	Grass® Disposable Cup Electrode, Ag/AgCl, 2m Tangle Free Lead	36
019-479200	Grass® Disposable Cup Electrode, Ag/AgCl, 2.5m Tangle Free Lead	36

SUBJECT INDEX

Part Number	Description	Page
CUP ELECTRODES - REUSABLE		
103095	Natus Ear Clip Electrode, 9.5mm Gold, 48" Lead	36
019-405000	Natus Ear Clip Electrode, 6mm Silver, 39" Lead	36
019-405100	Natus Ear Clip Electrode, Silver, 39" Lead	36
019-405200	Natus Ear Clip Electrode, 6mm Gold, 39" Lead	36
019-405400	Natus Ear Clip Electrode, 6mm Ag/AgCl, 39" Lead	36
019-405500	Natus Ear Clip Electrode, Ag/AgCl, 39" Lead	36
019-413900	Cup Electrode, Gold, 1.5m Tangle Free Lead	35
019-414100	Cup Electrode, Silver, 1.5m Tangle Free Lead	35
019-414400	Cup Electrode, Gold, 1m Tangle Free Lead	35
019-414600	Cup Electrode, Silver, 1m Tangle Free Lead	35
019-417600	Cup Electrode, Ag/AgCl, 1m Tangle Free Lead	35
019-417700	Cup Electrode, Ag/AgCl, 1.5m Tangle Free Lead	35
019-433800	Cup Electrode, Gold, 2.5m Tangle Free Lead	35
019-477500	Grass® Stamped Cup Electrode, Gold, 1m Tangle Free Lead	35
019-477600	Grass® Stamped Cup Electrode, Gold, 1.5m Tangle Free Lead	35
019-477700	Grass® Stamped Cup Electrode, Gold, 2.5m Tangle Free Lead	35
019-477800	Grass® Stamped Cup Electrode, Silver, 1m Tangle Free Lead	35
019-477900	Grass® Stamped Cup Electrode, Silver, 1.5m Tangle Free Lead	35
019-478400	Grass® Stamped Cup Electrode, Ag/AgCl, 1m Tangle Free Lead	35
019-478500	Grass® Stamped Cup Electrode, Ag/AgCl, 1.5m Tangle Free Lead	35
019-478600	Grass® Stamped Cup Electrode, Gold, 2m Tangle Free Lead	35
019-478700	Grass® Stamped Cup Electrode, Silver, 2m Tangle Free Lead	35
019-478800	Grass® Stamped Cup Electrode, Silver, 2.5m Tangle Free Lead	35
019-478900	Grass® Stamped Cup Electrode, Ag/AgCl, 2m Tangle Free Lead	35
019-479000	Grass® Stamped Cup Electrode, Ag/AgCl, 2.5m Tangle Free Lead	35
019-479100	Grass® Stamped 6mm Cup Electrode, Gold, 1.5m Tangle Free Lead	35
019-772100	Cup Electrode, Silver, 6mm Cup, 1m Tangle Free Lead	35
019-772200	Cup Electrode, Silver, 6mm Cup, 1.5m Tangle Free Lead	35
019-772500	Cup Electrode, Gold, 6mm Cup, 1m Tangle Free Lead	35
019-772600	Cup Electrode, Gold, 6mm Cup, 1.5m Tangle Free Lead	35
FD-E5GH-48	Genuine Grass® Cup Electrode, Gold, 48" Lightweight Lead, Red TP	34
FD-E5GH-60	Genuine Grass® Cup Electrode, Gold, 60" Lightweight Lead, Red TP	34
FD-E5GH-72	Genuine Grass® Cup Electrode, Gold, 72" Lightweight Lead, Red TP	34
FD-E5GH-96	Genuine Grass® Cup Electrode, Gold, 96" Lightweight Lead, Red TP	34
F-E34DG-48	Genuine Grass® Ear Clip Electrode, Gold, 48" Lead	36
F-E34DG-72	Genuine Grass® Ear Clip Electrode, Gold, 72" Lead	36
F-E34DS-48	Genuine Grass® Ear Clip Electrode, Silver, 48" Lead	36
F-E5GH-12	Genuine Grass® Cup Electrode, Gold, 12" Lightweight Lead	34
F-E5GH-120	Genuine Grass® Cup Electrode, Gold, 120" Lightweight Lead	34
F-E5GH-24	Genuine Grass® Cup Electrode, Gold, 24" Lightweight Lead	34

Part Number	Description	Page
CUP ELECTRODES - REUSABLE (continued)		
F-E5GH-30	Genuine Grass® Cup Electrode, Gold, 30" Lightweight Lead	34
F-E5GH-48	Genuine Grass® Cup Electrode, Gold, 48" Lightweight Lead	34
F-E5GH-60	Genuine Grass® Cup Electrode, Gold, 60" Lightweight Lead	34
F-E5GH-72	Genuine Grass® Cup Electrode, Gold, 72" Lightweight Lead	34
F-E5GH-96	Genuine Grass® Cup Electrode, Gold, 96" Lightweight Lead	34
F-E5SH-48	Genuine Grass® Cup Electrode, Silver, 48" Lightweight Lead	34
F-E5SH-72	Genuine Grass® Cup Electrode, Silver, 72" Lightweight Lead	34
F-E6GH-48	Genuine Grass® 6mm Cup Electrode, Gold, 48" Lightweight Lead	34
FH-E5GH-48	Genuine Grass® Cup Electrode, Gold, 48" Lightweight Lead, Yellow TP	34
FH-E5GH-60	Genuine Grass® Cup Electrode, Gold, 60" Lightweight Lead, Yellow TP	34
FH-E5GH-72	Genuine Grass® Cup Electrode, Gold, 72" Lightweight Lead, Yellow TP	34
FH-E5GH-96	Genuine Grass® Cup Electrode, Gold, 96" Lightweight Lead, Yellow TP	34
FH-E5SH-48	Genuine Grass® Cup Electrode, Silver, 48" Lightweight Lead, Yellow TP	34
FS-E5GH-120	Genuine Grass® Cup Electrode, Gold, 120" No-Tangle Lead	34
FS-E5GH-48	Genuine Grass® Cup Electrode, Gold, 48" No-Tangle Lead	34
FS-E5GH-60	Genuine Grass® Cup Electrode, Gold, 60" No-Tangle Lead	34
FS-E5GH-72	Genuine Grass® Cup Electrode, Gold, 72" No-Tangle Lead	34
FS-E5GH-96	Genuine Grass® Cup Electrode, Gold, 96" No-Tangle Lead	34
FS-E5SH-48	Genuine Grass® Cup Electrode, Silver, 48" No-Tangle Lead	34
FS-E5SH-60	Genuine Grass® Cup Electrode, Silver, 60" No-Tangle Lead	34
DIGITAL RING ELECTRODES		
5032-TP	Digital Ring Electrode, 1m Leads	14
6032-TP	Digital Ring Electrode, 46cm Leads, TP	14
9013C0112	HUSH Shielded cable for Velcro Digital Ring Electrodes, 1m	8, 14
9013C0122	HUSH Shielded cable for Velcro Digital Ring Electrodes, 2m	8, 14
9013L0692	Velcro Digital Ring Electrodes w/Cable	14
9013L1702	Velcro Digital Ring Electrodes	14
9013S0302	Digital Ring Electrode, 1m Cable	14
9013S0312	Digital Ring Electrode, 1m Leads	14
9013S0332	Digital Ring Electrode, Large, 1.2m Leads	14
DISC STIMULATING/RECORDING ELECTRODES		
6030-3-TP	Stainless Steel Disc Electrodes, 1m Separate Leads	13
6030-TP	Stainless Steel Disc Electrodes, 1m Twisted Leads	13
9013S0402	HUSH Disc Electrodes, 1m Lead	13
9013S0412	Stainless Steel Disc Electrodes, 1m Adjustable Twisted Leads	13
DISINFECTANT WIPES & CLEANERS		
019-473000	PROTEX® Disinfectant Wipes	80
122-412700	Zymit® Enzyme Cleaner	80
EEG ANCILLARY ITEMS		
016-400700	Electrode/Cable Holder	41
105189	ElectroBoot Sleeve, 30"	41
105190	ElectroBoot Sleeve, 48"	41
105808	The Electrode Claw	41

Part Number	Description	Page
ELECTRODE CAPS		
105589	Disposable Disc Electrode Set for BraiNet 10/20 Template	38
105590	Disposable Disc Electrode Set for BraiNet Original Template	38
685022	Electrode Board Adaptor for Schwarzer, 50 Pin	37
019-437300	DVD BraiNet Template Set-Up ICU	38
019-437400	DVD BraiNet Continuous EEG in ICU	38
019-438200	BraiNet Template, Original, Adult/Child, 46-54cm	38
019-438300	BraiNet Template, Original, Adult/Child, 54-62cm	38
019-438400	BraiNet Template, Baby, 25-29cm	38
019-438500	BraiNet Template, Baby, 29.5-33cm	38
019-438600	BraiNet Template, Baby, 33.5-37cm	38
019-438700	BraiNet Template, Baby, 37.5-41cm	38
019-438800	BraiNet Template, Baby, 41.5-45cm	38
019-438900	BraiNet Template, 10/20, XSmall, 45.5-49cm	38
019-439000	BraiNet Template, 10/20, Small, 49.5-54cm	38
019-439100	BraiNet Template, 10/20, Child, 54.5-57cm	38
019-439200	BraiNet Template, 10/20, Adult, 57.5-62cm	38
019-444000	BraiNet 10/20 Headbox Overlay	38
122-409000	Electro-Cap System III	37
122-409400	Electro-Cap, Large, Blue	37
122-409500	Electro-Cap, Medium, Red	37
122-409600	Electro-Cap, Small, Yellow	37
500-P	BraiNet Original/Baby Headbox Overlay	38
635546NED	Infra-Cap I-1/2 Custom, Blue/Pink, 21 Electrodes	37
635547NED	Infra-Cap I- 2/3, Custom, Pink/Brown, 21 Electrodes	37
635550NED	Needle/Syringe Kit	37
635551NED	Blunted Needle	37
635558NED	Cap Strap, Large	37
635560NED	Cap Strap, Small	37
635564NED	Cap Strap, Medium	37
635565NED	Cap Strap, Medium/Small	37
635568NED	Cap Strap, Small for Infra-Cap I	37
635569NED	Cap Straps, Small for Infra-Cap II	37
635570NED	Cap Straps Small for Infra-Cap III	37
635574NED	Chin Strap, 5"	37
635575NED	Chin Strap, 7"	37
635578NED	Head Measuring Tape	37
635579NED	Infra-Head Measuring Tape for Infants	37
635582NED	Quick Insert Electrode w/1.5mm TP	37
635583NED	Electrode Board Adaptor w/20 1.5mm TP	37
635584NED	Electrode Board Adaptor w/21 1.5mm TP	37
635585NED	Electrode Board Adaptor for Schwarzer EPAS	37
635593NED	Syringe	37
635595NED	Electro-Gel	37
637038NE	Electrode Board Adaptor for EEG 1042	37
637039NE	Flat Cable Assembly, 40-pin	37
ACE313	Electro-Cap, Extra Small, Green	37
ACE322	Infra-Cap I, Blue (10/20 system)	37
ACE323	Infra-Cap II, Pink (modified system)	37
ACE324	Infra-Cap III, Brown (modified system)	37
ACE332	Electro-Cap, Custom, Large, Blue (20 Electrodes + Oz)	37
ACE333	Electro-Cap, Custom, Medium, Red (20 Electrodes + Oz)	37
ACE334	Electro-Cap, Custom, Small, Yellow (20 Electrodes + Oz)	37
ACE335	Electro-Cap, Custom, Extra Small, Green (20 Electrodes + Oz)	37
ACE336	Electro-Cap System I	37
ACE339	Infra-Cap I, Custom, Blue (20 Electrodes + Oz)	37
ACE340	Infra-Cap II, Custom, Pink, (10 Electrodes + Oz)	37
ACE341	Infra-Cap III, Custom, Brown (10 Electrodes + Oz)	37
ADE011	Body Harness, Large	37
ADE012	Body Harness, Medium	37
ADE013	Body Harness, Small	37
ADE016	Disposable Sponge Discs	37
ADE020	Infra-Body Harness	37
AEE112	Quick Insert Electrode w/1.5mm TP	37

SUBJECT INDEX

Part Number	Description	Page
ELECTRODE LEAD EXTENSIONS, LINKERS/JUMPERS & ADAPTORS		
11224	Jumper/Linker Cable, 24"	40
11250	Jumper/Linker Cable, 18"	40
102108	Stackable Jumper/Linker Cables, 6"	39
140420	Touchproof Adaptor, 1.5mm F to 2mm M	41
1451010	Touchproof Adaptor, 2mm M to 1.5mm F	41
1451020	Stackable Jumper/Linker Cables, 3"	39
1451034	Jumper/Linker Cable, 5"	40
1451055	Jumper/Linker Cable, 10"	40
019-401100	Touchproof Extension Cables, 79"	39
019-406400	Touchproof Adaptor, 1.5mm F to 2mm M	41
019-408400	Touchproof Cable Extension, 1m	50
019-420100	Jumper/Linker Cable, 4"	40
019-425000	Jumper/Linker Cable, 11"	40
019-431500	Touchproof Extension Cables, 39"	39
019-432200	Touchproof Cable Extension, 2m	50
019-433000	Stackable Jumper/Linker Cables, 20"	39
019-773100	Touchproof Adaptor, 2mm M to 1.5mm F	41
085-416800	Micrograbber Cable, 2m	50
085-460000	Rhizotomy Hook Cable, 3m	50
6035-TP	Stackable Jumper/Linker Cables, 4"	39
9015B0282	Stackable Jumper/Linker Cables, 3"	39
EMG ANCILLARY ITEMS		
122-739000	Sharps Container, Small, 1 Quart	24
122-739100	Sharps Container, Large, 2 Quart	24
515-018300	EMG Needle Holder	25
698-621400	Velcro Strap, 55cm Length	25
842-122600	EMG Needle Holder	25
EP GOGGLES & HEADPHONES		
828-202300	Nicolet Viking Shielded Headphones	31
828-202700	Nicolet Viking Unshielded Headphones	31
842-106504	Nicolet Viking Goggles	31
9031E0223	Dantec Keypoint Goggles	31
9031E0258	Dantec Keypoint Calibrated Headphones	31
FINGER CLIP ELECTRODE		
019-429300	Finger Clip Electrode, 60cm Lead	15
GROUND ELECTRODES - REUSABLE		
019-401200	Disc Ground Electrode, 0.75m Lead	13
019-405900	Ground Velcro Strap Electrode, Adult, 54cm x 20mm, 1.25m Lead	13
019-415900	Ground Velcro Strap Electrode, Pediatric, 24cm x 20mm, 1.25m Lead	13
9013L0862	Disc Ground Electrode, 1.25m Lead	13
9013S0714	Ground Velcro Strap Electrode, 10cm x 15mm	13
9013S0735	Ground Velcro Strap Electrode, 18.5cm x 20mm	13
9013S0745	Ground Velcro Strap Electrode, 75cm x 20mm	13
9013S0775	Ground Velcro Strap Electrode, 45cm x 20mm	13

Part Number	Description	Page
HAND-HELD STIMULATING ELECTRODES		
101405	T-Bar Handle Replacement for Hand-Held Felt Pad Stimulating Electrode	11
102227	Felt Pad Replacement for Hand-Held Felt Pad Stimulating Electrode	11
102733	Hand-Held Felt Pad Stimulating Electrode, 30mm Spacing	11
9013L0222	Hand-Held Felt Pad Stimulating Electrode, 23mm Spacing, Fixed Handle	11
9013L0352	Hand-Held Felt Pad Stimulating Electrode, 10mm Spacing	11
9013L0362	Hand-Held Felt Pad Stimulating Electrode, 23mm Spacing, Removable Handle	11
9013L3522	Felt Pad Replacement for Hand-Held Felt Pad Stimulating Electrode, 7.5 mm	11
9013L3532	Felt Pad Replacement for Hand-Held Felt Pad Stimulating Electrode, 3 mm	11
HOOK-WIRE ELECTRODES		
019-475300	Disposable Hook-Wire Electrode, Single	46
019-475400	Disposable Hook-Wire Electrode, Paired	46
INJECTABLE NEEDLE ELECTRODES		
019-451400	Luer Lock Syringe 1ml	7
019-451600	Luer Lock Syringe 3ml	7
9013S0422	Bo-ject DHN Disposable Hypodermic Needle Electrode, 25mm, 30G, Orange	6
9013S0432	Bo-ject DHN Disposable Hypodermic Needle Electrode, 25mm, 27G, Green	6
9013S0442	Bo-ject DHN Disposable Hypodermic Needle Electrode, 37mm, 27G, Light Blue	6
9013S0452	Bo-ject DHN Disposable Hypodermic Needle Electrode, 50mm, 25G, Red	6
9013S0462	Bo-ject DHN Disposable Hypodermic Needle Electrode, 75mm, 22G, Yellow	6
9013S0472	Bo-ject DHN Disposable Hypodermic Needle Electrode, 37mm, 26G, Blue	6
MJT-2527-LL	TECA Myoject Disposable Injectable Needle Electrode, 25mm, 27G, Yellow	6
MJT-2530-LL	TECA Myoject Disposable Injectable Needle Electrode, 25mm, 30G, Red	6
MJT-3726-LL	TECA Myoject Disposable Injectable Needle Electrode, 37mm, 26G, Green	6
MJT-3727-LL	TECA Myoject Disposable Injectable Needle Electrode, 37mm, 27G, Orange	6
MJT-5025-LL	TECA Myoject Disposable Injectable Needle Electrode, 50mm, 25G, Blue	6
MJT-7522-LL	TECA Myoject Disposable Injectable Needle Electrode, 75mm, 22G, Violet	6
INLINE RF FILTER		
019-421500	Inline RF Filter	50

Part Number	Description	Page
MONOPOLAR NEEDLE ELECTRODES - DISPOSABLE		
101190	Disposable Monopolar Needle Electrode w/61cm Lead, 37mm, 26G, Pink	5
101192	Disposable Monopolar Needle Electrode w/61cm Lead, 44mm, 27G, Purple	5
101193	Disposable Monopolar Needle Electrode w/61cm Lead, 50mm, 26G, White	5
101194	Disposable Monopolar Needle Electrode w/61cm Lead, 75mm, 25G, Gray	5
019-474800	Disposable Monopolar Needle Electrode w/74cm Lead, 20mm, 28G, Red	5
019-474900	Disposable Monopolar Needle Electrode w/74cm Lead, 25mm, 27G, Yellow	5
019-475000	Disposable Monopolar Needle Electrode w/74cm Lead, 37mm, 27G, Green	5
019-475100	Disposable Monopolar Needle Electrode w/74cm Lead, 37mm, 26G, White	5
019-475200	Disposable Monopolar Needle Electrode w/74cm Lead, 50mm, 26G, Blue	5
9013C0032	Dantec Cable for Disposable Monopolar Needles, 39" (1m), 5-Pin DIN	5
9013C0042	Dantec Cable for Disposable Monopolar Needles, 59" (2m), TP Connectors	5
9013S0612	Dantec DMN Monopolar Needles: 25mm, 0.33mm (28G), Orange	5
9013S0622	Dantec DMN Monopolar Needles: 25mm, 0.40mm (26G), Green	5
9013S0632	Dantec DMN Monopolar Needles: 37mm, 0.33mm (28G), Light Blue	5
9013S0642	Dantec DMN Monopolar Needles: 37mm, 0.40mm (26G), Blue	5
9013S0652	Dantec DMN Monopolar Needles: 50mm, 0.40mm (26G), Red	5
9013S0662	Dantec DMN Monopolar Needles: 75mm, 0.40mm (26G), Orange	5
902-DMF25-S	TECA Elite Disposable Monopolar Needle, 25mm, 28G, Red	4
902-DMF25-TP	TECA Disposable Monopolar Needle, 25mm, 28G, Red	4
902-DMF37-S	TECA Elite Disposable Monopolar Needle, 37mm, 28G, Orange	4
902-DMF37-TP	TECA Disposable Monopolar Needle, 37mm, 28G, Orange	4
902-DMG25-S	TECA Elite Disposable Monopolar Needle, 25mm, 26G, Yellow	4
902-DMG25-TP	TECA Disposable Monopolar Needle, 25mm, 26G, Yellow	4
902-DMG37-S	TECA Elite Disposable Monopolar Needle, 37mm, 26G, Green	4
902-DMG37-TP	TECA Disposable Monopolar Needle, 37mm, 26G, Green	4
902-DMG50-S	TECA Elite Disposable Monopolar Needle, 50mm, 26G, Blue	4
902-DMG50-TP	TECA Disposable Monopolar Needle, 50mm, 26G, Blue	4
902-DMG75-S	TECA Elite Disposable Monopolar Needle, 75mm, 26G, Violet	4
902-DMG75-TP	TECA Disposable Monopolar Needle, 75mm, 26G, Violet	4
902-RLC-TP	TECA Lead Cable for Disposable Monopolar Needles, 24" (61cm)	4
MULTI-MEDIA TRAINING MATERIAL & EDUCATIONAL AIDS		
017W076	EMG on DVD, Volume 2 (2nd Edition), Electronic Atlas of EMG Waveforms, CD	26
017W077	EMG on DVD, Volume 2 (2nd Edition), Electronic Atlas of EMG Waveforms, DVD	26
017W082	EMG on DVD, Volume 1 (2nd Edition), Electronic Myoanatomic Atlas for Clinical EMG, DVD	26
CD-SNT&P	EMG on DVD, Volume 3, Sensory Nerve Conduction Studies, DVD	26
EDAID1	Grass® Frequency Ruler	42
EDBOOK1	International 10-20 System of Electrode Placement Book	42
EDCHART1	International 10-20 System of Electrode Placement Chart	42

SUBJECT INDEX

Part Number	Description	Page
NASOPHARYNGEAL-BALL/PEDICLE SCREW ELECTRODES		
019-404800	Ball/Pedicle Screw Electrode, 100mm, Gold	47
019-404900	Ball/Pedicle Screw Electrode, 150mm, Gold	47
019-416500	Ball/Pedicle Screw Electrode, 150mm, Silver	47
019-416700	Ball/Pedicle Screw Electrode, 150mm, Ag/AgCl	47
F-EPG-G-15CM-48	Genuine Grass® Nasopharyngeal Electrode	47
OPTIONAL CABLES & ADAPTORS		
102608	Shielded 3-in-1 Monopolar Acquisition Cable, 0.6m	22
085-417401	Natus Concentric Cable Adaptor, 15.2cm	23
2002-TP	Shuttle Cable, 61cm	22
9013C0232	HUSH 3-in-1 Shielded Alligator Clip Cable, 1m	22
9013C0302	HUSH Yoke Cable, 1.5m, 5-Pin Right-Angle DIN Connector	23
9013C0312	HUSH Yoke Cable, 1.5m	23
9013C0402	HUSH Yoke Cable, 10cm	23
9013C0422	HUSH Yoke Cable, 4m, 5-Pin Right Angle DIN Connector	23
9013P0283	Touchproof to 5-Pin DIN Adaptor Cable	23
9013P0602	HUSH Alligator Clip Lead, 80cm Lead (Green)	22
9013P0622	HUSH Alligator Clip Lead, 80cm Lead (Black)	22
9013P0642	HUSH Alligator Clip Lead, 80cm Lead (Red)	22
9013P0733	Touchproof Lead Extension, 1m	23
902-EX-TP	Extension Cable for Monopolar Needles, 61cm	23
902-SLC	Shielded Monopolar Cable, 61cm	22
W6179H	Shielded 3-in-1 Extension Cable	22
OXIMETRY		
008776	Masimo LNCS Patient Cable	66
008777	Masimo LNCS Soft Sensor	66
008781	Masimo LNCS Adhesive Sensor w/Cable, Adult	66
008782	Masimo LNCS Adhesive Sensor w/Cable, Pediatric	66
008783	Masimo LNCS Adhesive Sensor w/Cable, Infant	66
008784	Masimo LNCS Finger Clip Sensor, Adult	66
008785	Masimo LNCS Finger Clip Sensor, Pediatric	66
008786	Masimo LNCS Y-I Multisite Sensor	66
011291	Nonin Xpod Oximeter, Embletta MPR	64
013400	Nonin Xpod Sensor Belt Clip	64
103847	Masimo LNOP Patient Cable	66
103848	Masimo LNOP Adhesive Sensor, Adult	65
104038	Masimo LNOP Adhesive Sensor, Pediatric	65
104039	Masimo LNOP Finger Clip Sensor, Pediatric	66
104040	Masimo LNOP Finger Clip Sensor, Adult	66
104513	Masimo Disposable Petite Wrap	66
104514	Masimo Disposable Standard Wrap	66
104512	Masimo LNOP Y-I Multisite Sensor	66
104557	Masimo LNOP Adhesive Sensor, Infant, L Shape	65
104558	Masimo LNOP Adhesive Sensor, Neonate, L Shape	65
104515	Masimo Disposable Foam Wrap	66
105591	Nonin Soft Sensor, Small, 3m	65
105592	Nonin Soft Sensor, Medium, 3m	65
105593	Nonin Soft Sensor, Large, 3m	65
1430000	Nonin Xpod Oximeter, Embla	64
1430500	Nonin Sensor Extension Cable, 1m	65
1431000	Nonin Flex Sensor, Adult, 1m	64
1431002	Nonin Flex Sensor, Adult, 3m	64
1431003	Nonin Soft Sensor, Small, 1m	65
1431004	Nonin Soft Sensor, Medium, 1m	65
1431005	Nonin Soft Sensor, Large, 1m	65
1431010	Nonin Flex Sensor, Neonatal	64
1431011	Nonin Flex Sensor, Pediatric	64
1431020	Nonin Finger Clip Sensor, Adult	65
1431500	Nonin FlexiWraps, Adult	64
1431501	Nonin FlexiWraps, Neonatal	64
1431502	Nonin FlexiWraps, Pediatric	64
1431530	Nonin Xpod Sensor Clip	64
4140184	Nellcor Sensor Extension Cable	67
4140186	Nellcor Pulse Sensor w/Cable, Adult	67
4140188	Nellcor Pulse Sensor w/Wraps, Adult/Neonatal	67
4140189	Nellcor Clip sensor, Adult	67
4140190	Nellcor OxiMax Pulse Sensor, Adult	67
105720XL	Nonin Disposable Sensor, Adult	65
222-490300	Nonin Sensor Extension Cable, 3m	65
222-490400	Nonin Sensor Extension Cable, 6m	65
XPOD	Nonin Xpod Oximeter, Grass	64

Part Number	Description	Page
PROBES - DISPOSABLE		
105233	Disposable Pedicle Screw Probe	48
900X570	Disposable Concentric Probe	48
900X571	Disposable Bipolar Probe	48
900X572	Disposable Monopolar Probe	48
CEDL-1PDINX-000	Disposable Epidural Spinal Electrode	48
REFLEX HAMMER		
842-116700	Tendon (Reflex) Hammer	24
ST. MARK'S PUDENDAL NCS ELECTRODES		
9013L0322	St. Mark's Pudendal NCS Electrode Cable, 2m	15
9013L4402	St. Mark's Pudendal NCS Electrode	15
SCALP NEEDLE ELECTRODES		
9013R0313	Disposable Scalp Needle Electrodes	45
SENSORY NEEDLE ELECTRODES		
9013C0112	HUSH Shielded Cable for Sensory Needle Electrode, 1m	8, 14
9013C0122	HUSH Shielded Cable for Sensory Needle Electrode, 2m	8, 14
9013C0132	Dantec Shielded Cable for Disposable Sensory Needle Electrodes, 1m	8
9013C0142	Dantec Shielded Cable for Disposable Sensory Needle Electrodes, 2m	8
9013C0152	Dantec Electrode Cable, Unshielded, 80cm	8
9013C0242	Dantec Electrode Cable, Unshielded, 2m	8
9013R0213	Dantec Disposable Sensory Needle Electrode, 15mm, 22G	8
9013R0223	Dantec Disposable Sensory Needle Electrode, 30mm, 22G	8
9013R0233	Dantec Disposable Sensory Needle Electrode, 50mm, 22G	8
9013R0243	Dantec Disposable Sensory Needle Electrode, 15mm, 28G	8
9013R0253	Dantec Disposable Sensory Needle Electrode, 30mm, 28G	8
9013R0272	Dantec Disposable Sensory Needle Electrode, 20mm, 28G	8
SINGLE FIBER NEEDLE ELECTRODES		
019-425900	Natus Reusable Indicator Single Fiber Needles, 25mm, 27G	8
019-426000	Natus Reusable Indicator Single Fiber Needles, 40mm, 26G	8
085-444700	Natus Needle Holder for Single Fiber Needles	8
9013K0873	Dantec Autoclavable (Reusable) Single Fiber Needle Electrode 40mm, 26G	8
9013L0014	Dantec Cable for Single Fiber & Autoclavable Concentric Needles, 39" (1m)	8

Part Number	Description	Page
SLEEP SENSORS - AIRFLOW		
1421	Thermocouple Airflow Sensor, 1 channel, Grass Key	58
005890	Thermistor Airflow Sensor, 1 channel	58
005891	Thermistor Airflow Sensor for Cannula	59
105750	CannuTherm Replacement Cannula	60
105778	CannuTherm™ Integrated Thermal/Pressure Sensor	60
1420124	ThermiSense Sensor Kit, Adult	60
1420126	ThermiSense Sensor Kit, Pediatric	60
1420127	ThermiSense Sensor Kit, Pediatric	60
1420129	ThermiSense Sensor Kit, Adult	60
1420406	Thermocouple Flow Sensor, Pediatric	59
1420430	Thermistor Airflow Sensor, 1 channel, Embla Key	58
1420431	Thermistor Airflow Sensor, 1 channel, Embla Key	58
1420435	Thermistor Airflow Sensor, 1 channel, Embla Key	58
1420446	BreathSensor Cable, Embla Key	60
4140064	BreathSensor Cable, Embla	60
4140069	BreathSensor Cable	60
4140118	Disposable BreathSensor Airflow Thermistor, Adult	60
4140119	Disposable BreathSensor Airflow Thermistor, Child & Small Adult	60
4140120	Disposable BreathSensor Airflow Thermistor, Premie	60
4140121	Disposable BreathSensor Airflow Thermistor, Infant	60
019-480200	Thermocouple Airflow Sensor, 1 channel	58
019-480400	Thermistor Airflow Sensor, 1 channel, Embla	58
019-480600	Thermistor Airflow Sensor, 1 channel	58
019-480800	Thermocouple Airflow Sensor, 2 channel	58
019-480900	Thermocouple Airflow Sensor, Pediatric, 2 channel	58
019-481000	Thermistor Airflow Sensor, 2 channel	58
1401G	Thermocouple Airflow Sensor, 1 channel	58
1401G-H	Thermistor Airflow Sensor for Cannula	59
1413G	Thermocouple Airflow Sensor for Cannula	59
1421-H	Thermistor Airflow Sensor for Cannula, Grass Key	59
ACE131	Thermocouple Flow Sensor, Pediatric	59
ACE176	Thermocouple Flow Sensor, Infant	59
SLEEP SENSORS - BODY POSITION		
1421241	Body Position Belt	62
1440010	AC Body Position Sensor	62
1440011	DC Body Position Sensor	62
1440021	DC Body Position Sensor, Embla Key	62
4140073	DC Body Position Sensor, Embla Key	62
019-406500	AC Body Position Sensor	62
019-479900	DC Body Position Sensor, Embla 1/8" Plug	62
019-481300	DC Body Position Sensor, Grass 1/8" Plug	62
1574-KIT	DC Body Position Sensor, Grass Key	62
ACE119	DC Body Position Sensor	62
SLEEP SENSORS - LIMB MOVEMENT		
1770G-KIT	Limb Movement Sensor	63
1773-KIT	Limb Movement Sensor, Grass Key	63
ACE146	Limb Movement Sensor	63
SLEEP SENSORS - PRESSURE FLOW/SNORE		
14832	DC Pressure/AC Snore Sensor, Grass Key	63
1420116	CPAP Pressure Tube	63
4140094	AC Pressure/Snore Sensor	63
019-479500	Multi-Press AC/DC Pressure Flow/Snore Sensor	63
14838-KIT	AC Pressure/Snore Sensor, Grass Key	63

SUBJECT INDEX

Part Number	Description	Page
SLEEP SENSORS - RESPIRATORY EFFORT, PIEZO		
005732	Piezo Resp Effort Sensor, Infant, Beltless	57
1421100	Piezo Resp Effort Belt, Large, Double Buckle, Embla	57
1421101	Piezo Resp Effort Belt, Large, Double Buckle Embla	57
1421102	Piezo Resp Effort Belt, Large, Double-Buckle	57
019-479600	Piezo Resp Effort Belt, Large/XL, Double Loop	57
019-479800	Piezo Resp Effort Belt, Large/XL, Double Loop, Grass	57
1330A-KIT	Piezo Resp Effort Belt, Large, Double Buckle, Grass Key	57
1370G-KIT	Piezo Resp Effort Belt, Large, Double Buckle, Grass	57
1388G-KIT	Piezo Resp Effort Belt, Small/Pediatric, Velcro Tab, Grass	57
ACE114	Piezo Resp Effort Belt, Large/XL, Double Loop	57
ACE116	Piezo Resp Effort Belt, Small/Pediatric, Velcro Tab	57
AIE071	Large Buckle Replacement Belt	57
SLEEP SENSORS - RESPIRATORY EFFORT, RIP		
9131	RIP Interface Cable, Abdomen, Grass Key	56
9132	RIP Interface Cable, Chest, Grass Key	56
011516	XactTrace Pre-Sized Single Use Belt, Pediatric	53
011517	XactTrace Pre-Sized Single Use Belt, Small	53
011518	XactTrace Pre-Sized Single Use Belt, Medium	53
011520	XactTrace Pre-Sized Single Use Belt, Large	53
011521	XactTrace Snap Sensor for Pre-Sized Single Use Belt, Abdomen	53
011522	XactTrace Snap Sensor for Pre-Sized Single Use Belt, Thorax	53
013224	XactTrace Snap Sensor Cable, Abdomen	53
013225	XactTrace Snap Sensor Cable, Thorax	53
1421000	XactTrace Cut-To-Fit Belt Material	54, 55
1421020	XactTrace Lock - Abdomen	54, 55
1421021	XactTrace Lock - Abdomen EBG	54
1421022	XactTrace Lock - Thorax	54, 55
1421023	XactTrace Lock - Thorax EBG	54
1421026	XactTrace Universal Snap Sensor - Abdomen	52
1421027	XactTrace Universal Snap Sensor - Thorax	52
1421032	XactTrace Reusable Belt - Small Abdomen	53
1421033	XactTrace Reusable Belt - Small Thorax	53
1421034	XactTrace Reusable Belt - Medium Abdomen	53
1421035	XactTrace Reusable Belt - Medium Thorax	53
1421036	XactTrace Reusable Belt - Large Abdomen	53
1421037	XactTrace Reusable Belt - Large Thorax	53
1421038	XactTrace Reusable Belt - Medium Thorax	53
1421039	XactTrace Reusable Belt - Medium Abdomen	53
1421040	XactTrace Universal Belt	52
1421041	XactTrace Reusable Belt - Small Thorax	53
1421042	XactTrace Reusable Belt - Small Abdomen	53
1421043	XactTrace Reusable Belt - Large Thorax	53
1421044	XactTrace Reusable Belt - Large Abdomen	53
1421047	XactTrace RIP Processor, Thorax	55
1421048	XactTrace RIP Processor, Abdomen	55
1421050	XactTrace Universal Cut-To-Fit Kit, Abdomen	55
1421051	XactTrace Universal Cut-To-Fit Kit, Thorax	55
1421052	XactTrace Universal Cut-To-Fit Kit, Compete	55
1421080	XactTrace Universal Kit - Abdomen	52
1421081	XactTrace Universal Kit - Thorax	52
1421091	XactTrace Universal Kit - Complete	52
1451070	XactTrace Extension Cable, Abdomen	54
1451072	XactTrace Extension Cable, Thorax	54
1451080	XactTrace Universal Cable	52
4140087	RIP Belt, Adult XL	56
4140088	RIP Belt, Adult Large	56
4140089	RIP Belt, Pediatric Medium	56
4140090	RIP Belt, Infant Small	56
4140095	RIP Interface Cable, Abdomen	56
4140096	RIP Interface Cable, Chest	56
4140114	RIP Belt, Adult XXL	56
019-481100	Adjustable RIP Kit, Adult	56
019-481200	Adjustable RIP Belt, Adult	56
9101G	RIP Interface Cable, Abdomen, Grass TP	56
9102G	RIP Interface Cable, Chest, Grass TP	56

Part Number	Description	Page
SLEEP SENSORS - SNORE		
1200	Dynamic Microphone Snoring Sensor	61
1420600	Piezo Snore Sensor, Embla Key	61
1420605	Piezo Snore Sensor, Embla Key	61
1420610	Piezo Snore Sensor	61
1420615	Piezo Snore Sensor	61
019-479700	Piezo Snore Sensor, Xltek	61
019-480300	Dynamic Microphone Snoring Sensor	61
SNAP ELECTRODE LEADS & CABLES		
1411509	Snap Electrode Leads, 3m, Black	72
1411516	Snap Electrode Leads, 1m, Green	72
1411517	Snap Electrode Leads, 1m, Orange	72
1411520	Snap Electrode Leads, 1.5m, Black	72
1411524	Snap Electrode Leads, 2m, Orange	72
1411530	Snap Electrode Leads, 3m, Black/White	72
1411535	Snap Electrode Leads, 3m, Black	72
1411541	Snap Electrode Leads, 0.6m, Red	72
1411542	Snap Electrode Leads, 0.75m, Black	72
1411546	Snap Electrode Breakout Cable 40"	73
1411548	Snap Electrode Leads, 0.6m, Green	72
019-419000	Snap Electrode Lead Wire Set, 1.0m	21
019-419100	Snap Electrode Lead Wire Set, 1.4m	21
019-419200	Snap Electrode Lead Wire Set, 2.0m	21
019-419300	Snap Electrode Lead Wire Set, 3.0m	21
019-424500	Snap Electrode Lead Wire pair, 1.5m	21
085-452500	Snap Electrode Shielded Cable, 2 Snap, 1.5m	21
F-SL120	Snap Electrode Leads, 120"	73
F-SL48	Snap Electrode Leads, 48"	73
F-SL60	Snap Electrode Leads, 60"	73
F-SL72	Snap Electrode Leads, 72"	73
F-SL96	Snap Electrode Leads, 96"	73
STIMULATING PROBES		
019-400800	PolarProbe Handle, 2m Cable	49
019-400900	PolarProbe Disposable Hooked Tips	49
019-408600	PolarProbe Disposable Ball Tips	49
019-408700	PolarProbe Disposable Flush Tips	49
019-408800	PolarProbe Disposable Right Angle Tips	49
STRIP & GRID ELECTRODES		
FG08A-LP10X-OJF	Disposable 8-Contact Grid Electrodes	46
MS04N-LP10X-OJF	Disposable 4-Contact Strip Electrodes	46
MS08N-LP10X-OJF	Disposable 8-Contact Strip Electrodes	46

Part Number	Description	Page
SUBDERMAL NEEDLE ELECTRODES		
103031	Natus Disposable Subdermal Needle Electrodes, Twisted Pair, 1.5m	45
019-475700	Natus Disposable Subdermal Needle Electrodes, Twisted Pair, 2m	45
019-475800	Natus Classic Disposable Subdermal Needle Electrode, 6 Color, 1m	44
019-475900	Natus Classic Disposable Subdermal Needle Electrode, 6 Color, 1.5m	44
019-476000	Natus Classic Disposable Subdermal Needle Electrode, 6 Color, 2.5m	44
019-476100	Natus Classic Disposable Subdermal Needle Electrode, 12 Color, 1m	44
019-476200	Natus Classic Disposable Subdermal Needle Electrode, 12 Color, 1.5m	44
019-476300	Natus Classic Disposable Subdermal Needle Electrode, 12 Color, 2.5m	44
019-476600	Natus Ultra Disposable Subdermal Needle Electrode, 6 Color, 1m	44
019-476700	Natus Ultra Disposable Subdermal Needle Electrode, 12 Color, 1m	44
019-476800	Natus Ultra Disposable Subdermal Needle Electrode, 6 Color, 1.5m	44
019-476900	Natus Ultra Disposable Subdermal Needle Electrode, 12 Color, 1.5m	44
019-477000	Natus Ultra Disposable Subdermal Needle Electrode, 6 Color, 2.5m	44
019-477100	Natus Ultra Disposable Subdermal Needle Electrode, 12 Color, 2.5m	44
F-E2-12	Genuine Grass® Platinum Subdermal Needle Electrode, 10 Color, 12"	45
F-E2-24	Genuine Grass® Platinum Subdermal Needle Electrode, 10 Color, 24"	45
F-E2-30	Genuine Grass® Platinum Subdermal Needle Electrode, 10 Color, 30"	45
F-E2-48	Genuine Grass® Platinum Subdermal Needle Electrode, 10 Color, 48"	45
F-E2-72	Genuine Grass® Platinum Subdermal Needle Electrode, 10 Color, 72"	45
TEMPERATURE PROBES & ELECTRODES		
019-406000	Disposable Adhesive Temperature Electrode	24
040D040	Temperature Probe with Ferrite	24
123-401600	Disposable Adhesive Mini-Temp Hearts for Flexible Surface Temp. Probe	24
268-411800	Flexible Surface Temperature Probe w/1.2m Cable	24
TUBAL INSERT PHONES (TIPS) & SUPPLIES		
10250	Tubal Insert Phones (TIPS) Kit, Xltek	28
51019	Eartips, Neonatal	30
51020	Eartips, Infant	30
51021	Eartips, Child	30
51022	Eartips, Adult	30
51023	Eartips, Premature	30
103342	Disposable Foam Ear Tips, 18mm	29
9031E0277	Left & Right Tubal Insert Phones (TIPS), Dantec	28
019-411200	Replacement Clear Silicone Tubes	29
019-428400	Replacement Impedance Adaptor Tip	29
019-741901	Gold TIPtrode, 13mm	29
019-746802	Gold TIPtrode, 10mm	29
041-704000	Tubal Insert Phones (TIPS) Kit, Nicolet	28
085-415000	TIPtrode Cable, 250mm	29
085-746400	Replacement TIPS Cable, Nicolet	28
1700-9604	Disposable Foam Ear Tips, 13mm	29
1700-9605	Disposable Foam Ear Tips, 10mm	29
1700-9686	Nubbies for Replacement Tubes	29
1700-9688	Replacement Red/Blue Silicone Tubes	29
842-202600	Bone Vibrator Transducer	30
842-507300	Replacement Ear Tips, 3.5mm	29
842-507400	Replacement Ear Tips, 4.0mm	29
842-507500	Replacement Ear Tips, 5.0mm	29
VELCRO STRAPS		
1421230	Velcro Strap Kit	73
1421234	Velcro Strap, 76 cm Length	73
1421236	Velcro Strap, 114 cm Length	73
1421238	Velcro Strap, 183 cm Length	73
1450021	Velcro Cable Wraps	73

U.S. and Canada phone orders

Toll Free: 1-800-356-0007

Monday through Friday

8 am to 5 pm (CST)

Fax or e-mail orders

24 hours a day, 7 days a week

Fax: 608-829-8709

Email: supplies.nc@natus.com

U.S. Online Orders

Natus Neuro Store

www.natusneurostore.com

International orders

Phone: +1 608-829-8500

Fax: +1 608-829-8770

Email: GMB-Intlorders.nc@natus.com

Mail in orders

Natus Neurology Incorporated

P.O. Box 44994

Madison, WI 53744-4994

Attention: Customer Service Department



Natus Neurology Incorporated

3150 Pleasant View Road
Middleton, WI 53562 USA

Tel: 1-800-356-0007

1-608-829-8500

Fax: 1-608-829-8709

USA Nicolet Sales & Support:

Tel: 1-800-303-0306

© 2015 Natus Medical Incorporated. All Rights Reserved. All product names appearing on this document are trademarks or registered trademarks owned, licensed to, promoted or distributed by Natus Medical Incorporated, its subsidiaries or affiliates.