



All India Institute of Medical Sciences, Bhubaneswar
At - Sijua (Patrapada), Post - Dumuduma, Bhubaneswar (Odisha) - 751 019

To be uploaded in Website: www.aiimsbhubaneswar.edu.in (Tender) and www.eprocure.gov.in (CPPP)

Reference No: J-11061(007)/2021-22/S&P

Dated: 17.08.2021

Sub: Procurement of various consumables for existing Nicolet 32 Channel EEG Machine from Alliance Biomedica Pvt. Ltd., Chennai authorised distributor of Natus Neurology incorporated, USA and D.O. Weaver and Company, Inc. USA for the Department of Neurology at AIIMS, BBSR on Proprietary basis - Inviting Comments thereon.

The Department of Neurology of AIIMS, Bhubaneswar has projected for Procurement of following consumables for existing Nicolet 32 Channel EEG Machine from Alliance Biomedica Pvt. Ltd., Chennai authorised distributor of Natus Neurology incorporated, USA and D.O. Weaver and Company, Inc. USA.

Sl No.	Item Description	Qty	Manufactures Name
1	EEG Cold Cup Electrode 10mm, 1.5M Lead, 12 per Pack	12 Pack	Natus Neurology incorporated, USA
2	Ten20 EEG Electrode Paste Jar, 8 Oz, 3 per Pack	100 Pack	D.O. Weaver and Company, Inc. USA
3	Nuprep Skin Preparation Cream, 4 Oz, 3 per Pack	30 Pack	D.O. Weaver and Company, Inc. USA

The Notice is being uploaded for general information of prospective manufacturer/Authorized Distributor/Dealers to submit their objection/proposal/comments if any, on proprietorship of the item. In case the product of any manufacturer/Authorized distributor/Dealer conforms to the enclosed specifications, they may submit their proposal for the supply of the same along with the brochures, point by point compliance of the enclosed specifications along with all documentary evidence. One quotation of the product may also be submitted.

The objections/comments/proposal should be sent in sealed cover to the Office of Sr. Procurement Cum Stores Officer, AIIMS, Bhubaneswar (Odisha) - 751019 or through E-mail to spo@aiimsbhubaneswar.edu.in & aso.dkmahana@aiimsbhubaneswar.edu.in, so as to reach on or before date: 27.08.2021 failing which it will be presumed that no other firm is interested to offer comments/protest/object and case will be decided on its merits.

The Ref. No. - J-11061(007)/2021-22/S&P dt: 17.08.2021, due on dated: 27.08.2021 should be superscripted on sealed envelope.

Sr. Procurement-cum-Stores Officer

Enclosure:

1. Proprietary Article Certificate from Indenting Officer of Department of Neurology, AIIMS, Bhubaneswar. Annexure-I
2. PAC certificate of Natus Neurology incorporated, USA Annexure-II
3. Manufacturing Certificate of D.O. Weaver and Company, Inc. USA. Annexure-III
4. Authorisation certificate for Alliance Biomedica Pvt. Ltd., Chennai from Natus Neurology incorporated, USA. Annexure-IV
5. Authorisation certificate for Alliance Biomedica Pvt. Ltd., Chennai from D.O. Weaver and Company, Inc. USA. Annexure-V
6. Compatibility declaration for use of consumables for the existing system by Alliance Biomedica Pvt. Ltd., Chennai. Annexure-VI
7. Broucher of consumables of M/s Natus Neurology incorporated, USA. Annexure-VII
8. Broucher of consumables of D.O. Weaver and Company, Inc. USA. Annexure-VIII
9. Latest Quotation of Alliance Biomedica Pvt. Ltd., Chennai - Annexure-IX

Copy to:

- | | | |
|---|---|------------------------------|
| 1. Indenting Officer, Department of Neurology | : | for information please |
| 2. Accounts Officer | : | for information please |
| 3. IT Cell | : | for hoisting in the website. |

File No. and Date Reference :		
1.	Description of article	Attached (Annexure-1)
2.	Forecast of quantity / annual requirement	Attached do-
3.	Approximate estimated value for above quantity	Rs 720,000 /-
4.	Maker's name and address	Attached
5.	Name(s) of authorized dealers/ stockists	Annexure - 3.1, 3.2 (All India Pharmacists)
6.	I approve the above purchase on PAC basis and certify that : Note- Tick to retain only one out of (b), (c-1) or (c-2) whichever is applicable and cross out others. Please do confirm (a) by ticking it - without which PAC certificate will be invalid.	
6 (a)	This is the only firm who is manufacturing / stocking this item. AND	The above items (Annexure-1) are consumables and spares for the NICED & G. K. K. K.
6 (b)	A Similar article is not manufactured / sold by any other firm, which could be used in lieu OR	
6 (c-1)	No other make/brand will be suitable for following tangible reasons (like OEM/ Warranty, spares.): OR	
6 (c)	No other make/brand will be suitable for following intangible reasons: (If PAC was also given in the last procurement cycle, please also bring out efforts made since then to locate more sources) : OR	The machine is Under warranty
7.	Reference of concurrence of finance wing to the proposal :	
History of PAC Purchase of this item for past three years may be given below :		
Name of the Supplier		
Order/ Tender Reference & Date	Quantity Ordered	Basic Rate on Order (Rs.)
		Adverse Performance Reported if Any

Signature of the Approving Officer
23/12/2019
Dr. S. K. Bhoi
Associate Professor
Dept. of Neurology
AIIMS, Bhubaneswar-751019

Signature of Approving Authority

Date: Designation of Officer:

182

Annexure-I

SL NO.	Name/Brand/Make etc. of the item with complete specification and qualification criteria etc.	QUANTITY	Estimate Cost Rs. (Including taxes, Duties etc., CMC, charges, incidental charges etc.)	Availability in Stores	Signature of Stores	
					Store Keeper	ASO
1	ELECTRODE EEG GOLD 10mm, 1.5M Lead, 12 per Pack (Natus)	12 Pk	20,856*12= 2,50,272/-	Nil	Y che	
2	TEN20 EEG ELECTRODE PASTE JAR 8 Oz, 03 per Pack (Weaver & Company)	100 Pk	4,200*100= 4,20,000/-	Nil	Y che	
3.	NUPREP SKIN PREPARATION CREAM 4 Oz, 3 PER PACK (Weaver & Company)	30 Pk	4,050*30= 1,21,500/-	Nil	Y che	

Total = Rs. 7,91,772.00

GST 12% =Rs. 95,013.00

Total amount= Rs. 8,86,785.00

182/bw
21/8/21
Dr. S. K. Das
Associate Professor
Dept. of Neurology
All India Institute of Medical Sciences

PROPRIETARY CERTIFICATE

TO WHOMSOEVER IT MAY CONCERN

Dear Sir / Madam,

We, “Natus Neurology Incorporated (“Natus”) (formerly CareFusion 209, Excel-Tech Ltd., Astro-Med Inc., Natus Europe GmbH) with a registered address at 3150 Pleasant View Road, Middleton, WI 53562 USA having manufacturing sites in Middleton, WI, USA; Oakville, ON, Canada; and Gort, Ireland, are established and reputable manufacturers of the Proprietary item of “Natus/Nicolet EEG Gold Cup Electrode” do hereby certify Vide:
ER/NATUS(Cons.)/AIIMS(Bhubaneswar)/201201 dated 15.07.2021 **are proprietary in nature.**

Yours faithfully,



.....
Natus Neurology Incorporated
By: Thomas Dilworth
Its: Director International Sales
Date : 15.07.2021

Letter of Authorization

To whom it may concern:

Letter No. 200677-1, 200677-2

We, the Manufacturer:

D. O. Weaver and Company, Inc.
(doing business as "Weaver and Company")
565 Nucla Way, Unit B
Aurora, Colorado 80011
USA

Manufacturer of:

Nuprep® Skin Prep Gel

- 4oz Tube 3-pack (Item #10-30)
- 25g Tube 6-pack (Item #10-61)
- 25g Tube 20-pack (Item #10-65)
- 25g Tube Sample (Item #10-25S)

Ten20® Conductive Paste

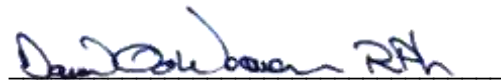
- 4oz Jar 3-pack (Item #10-20-4)
- 4oz Tube 3-pack (Item #10-20-4T)
- 8oz Jar 3-pack (Item #10-20-8)
- Single-use Cup 24-pack (Item #10-20-1)

Hereby appoints:

- As a distributor in the territory of _____ for our complete product range;
- Is authorized to quote, sell, and distribute our entire product line in _____.

This letter of authorization will be valid from _____ for a period of sixty (60) months and automatically renewed unless a notice of termination is given in writing by either party, at least three (3) months prior.

Sincerely,



David O. Weaver, RPh
CEO
Weaver and Company
Email: dweaver@weaverandcompany.com





Natus Neurology Incorporated
1850 Deming Way
Middleton, WI 53562
800.356.0007 toll free
608.829.8768 fax

AUTHORIZATION

This is to certify that Natus Neurology Incorporated ("Natus") (formerly CareFusion 209, Excel-Tech Ltd., Astro-Med Inc., Natus Europe GmbH) with a registered address at 1850 Deming Way, Middleton, WI 53562 USA having manufacturing sites in Middleton, WI, USA; Oakville, ON, Canada; Skolvunde, Denmark and Planegg Germany has appointed M/s. Alliance Biomedica Pvt. Ltd., ("Distributor") with a registered address at Flat-15, ASHIRWAD, New No.30 (Old No.12) Puliur I Lane, Trustpuram, Chennai – 600024, TamilNadu, India as the exclusive distributor for South India -Andrapredsh, Karnataka, Tamilnadu and Eastern India for the following Natus products:

- Nicolet, Synergy & Viking Neurodiagnostic Systems and Accessories
- Excel-Tech (XLTEK) Neurodiagnostic Systems and Accessories
- Alpine Bio-med (Dantec) Neurodiagnostic Systems and Accessories
- Grass Neurodiagnostic Sysems and Accessories

This limited authorization is valid for 2 (two) years from the date stated below, unless revoked by Natus at its sole discretion.

Date: September 5, 2019

A handwritten signature in black ink, appearing to read "Thomas Dilworth".

Natus Neurology Incorporated
By: Thomas Dilworth
Its: Director International Sales



Our Ref : ER/NATUS/AIIMS(Bhubaneswar)/210701COMPAT
Date : 17th July 2021

In Charge,
Store and Purchase Department,
All India Institute of Medical Sciences (AIIMS),
Sijua, Dumuduma,
Bhubaneswar – 751 019.

Dear Sir,

Sub : Compatibility declaration.

Ref; Your PO No.HLL/PCD/PMSSY/AIIMS-II/22/15-16/5587 dated 06.02.2016

With reference to your e-mail dated 19.06.21, we hereby confirm that the quoted items **EEG Gold Cup Electrode 10mm, 1.5M Lead** (our quote No.ER/NATUS(Cons.)/AIIMS(Bhubaneswar)/201201 dated 15.07.2021), **Ten20 EEG Electrode Paste & Nuprep Skin Preparation Cream** (our quote No. ER/Weaver/AIIMS(Bhubaneswar)/201202 dated 15.07.2021) are compatible for use with your existing 32 Channel Video EEG Model- Nicolet V32 System.

Thanking you and assuring of our best attention at all times.

Yours truly,
ALLIANCE BIOMEDICA PVT. LTD.,



M.NANDAGOPAL
Chief Operating Officer

Alliance Biomedica Pvt. Ltd.

Regd.Office : Flat #15, Ashirwad, New No. 30(Old No. 12), Puliyur First Lane, Trustpuram,
Chennai - 600 024. TamilNadu. India.

Phone No. : 044 – 24803704 / 23725299 Fax : +91-44-23725810 e-mail : info@alliancebiomedica.com

Website : www.alliancebiomedica.com CIN : U51397TN1999PTC041883



Our Ref : ER/NATUS/AIIMS(Bhubaneswar)/210701COMPAT
Date : 17th July 2021

In Charge,
Store and Purchase Department,
All India Institute of Medical Sciences (AIIMS),
Sijua, Dumuduma,
Bhubaneswar – 751 019.

Dear Sir,

Sub : Compatibility declaration.

Ref; Your PO No.HLL/PCD/PMSSY/AIIMS-II/22/15-16/5587 dated 06.02.2016

With reference to your e-mail dated 19.06.21, we hereby confirm that the quoted items **EEG Gold Cup Electrode 10mm, 1.5M Lead** (our quote No.ER/NATUS(Cons.)/AIIMS(Bhubaneswar)/201201 dated 15.07.2021), **Ten20 EEG Electrode Paste & Nuprep Skin Preparation Cream** (our quote No. ER/Weaver/AIIMS(Bhubaneswar)/201202 dated 15.07.2021) are compatible for use with your existing 32 Channel Video EEG Model- Nicolet V32 System.

Please note that our consumables/spares are only to be used with our existing system. If any other consumables/spares are used with our system, the warranty offered by us will be null and void.

Thanking you and assuring of our best attention at all times.

Yours truly,
ALLIANCE BIOMEDICA PVT. LTD.,

M.NANDAGOPAL
Chief Operating Officer

Alliance Biomedica Pvt. Ltd.

Regd.Office : Flat #15, Ashirwad, New No. 30(Old No. 12), Puliur First Lane, Trustpuram,
Chennai - 600 024. TamilNadu. India.

Phone No. : 044 – 24803704 / 23725299 Fax : +91-44-23725810 e-mail : info@alliancebiomedica.com

Website : www.alliancebiomedica.com CIN : U51397TN1999PTC041883



Neurodiagnostic Supplies

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

natus®



Healthcare solutions with one thing in mind. You.

Natus is the global brand clinicians depend on when diagnosing and treating disorders of the central nervous and sensory systems to improve patient outcomes with the most comprehensive product solutions, localized service and continuing customer education.

natus®

US & Canada Ordering Information

US and Canadian Customers call Customer Service at 1-800-356-0007.
Email: supplies.nc@natus.com
Order Entry Fax: 608.829.8709
Toll Free: 800.356.0007

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

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

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.



Natus Medical Incorporated can now accommodate supply orders via electronic data interchange (EDI) through Global Healthcare Exchange (GHX). Please contact Natus Customer Service at neuro.customerservice@natus.com for further information. (US only)

Natus Terms & Conditions Apply. See our website natus.com/terms-conditions.

All products may not be available in all distribution centers.

International Ordering Information

Natus 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 natus.com and look under the Contact Us tab.

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Tel: +1 608-829-8500
Fax: +1 608-829-8770

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Tel: +49 89 83942-531
Fax: +49 89 83942-777

Natus France

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Fax: +33 5 56 42 27 62

Natus Australia/New Zealand

Natus Medical Australia Pty Ltd
Level 1 Unit 4 Avenue of the Americas
Newington NSW 2127, Australia
Email: orders.anz@natus.com
Freecall: 1800 290 772

Contact Your Natus Supplies Sales Professional

Call **1-800-356-0007** and ask to speak with your Natus Supplies Sales Professional. We offer specialized, regionally-based, sales support for your supply needs.

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

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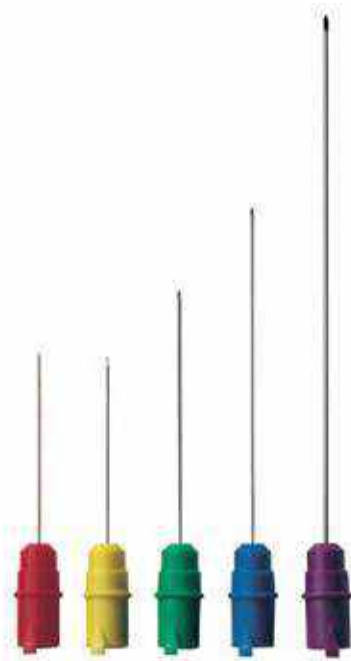


- EMG Needle Electrodes
- Stimulating & Recording Electrodes
- Adhesive Electrodes
- Ancillary EMG Items
- Multi-Media Training Material

Snap leads and additional electrode options are located on pages 77-79.

EMG NEEDLE ELECTRODES

Concentric Needle Electrodes



TECA® Elite Disposable Concentric Needle Electrodes

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

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



Needle Holder (Cable)

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

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

EMG NEEDLE ELECTRODES

Concentric Needle Electrodes

Dantec® DCN Disposable Concentric Needle Electrodes

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

Part Number	Length	Needle Diameter	Recording Area (mm ²)	Hub Color	Quantity
9013S0012	1" (25mm)	0.30mm (30G)	0.015	Orange	1/pouch - 25/box
9013S0022	1" (25mm)	0.46mm (26G)	0.07	Green	1/pouch - 25/box
9013S0032	1.5" (37mm)	0.46mm (26G)	0.07	Blue	1/pouch - 25/box
9013S0042	2" (50mm)	0.46mm (26G)	0.07	Red	1/pouch - 25/box
9013S0052	3" (75mm)	0.64mm (23G)	0.07	Yellow	1/pouch - 25/box



Needle Holder (Cable)

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

Part Number	Length	Electrode End	Instrument End
9013C0014	59" (1.5m)	pogo pin	5-pin 240° DIN



DID YOU KNOW?

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

EMG NEEDLE ELECTRODES

Monopolar Needle Electrodes

TECA® Elite Disposable Monopolar Needle Electrodes

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

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

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

TECA® Disposable Monopolar Needle Electrodes

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

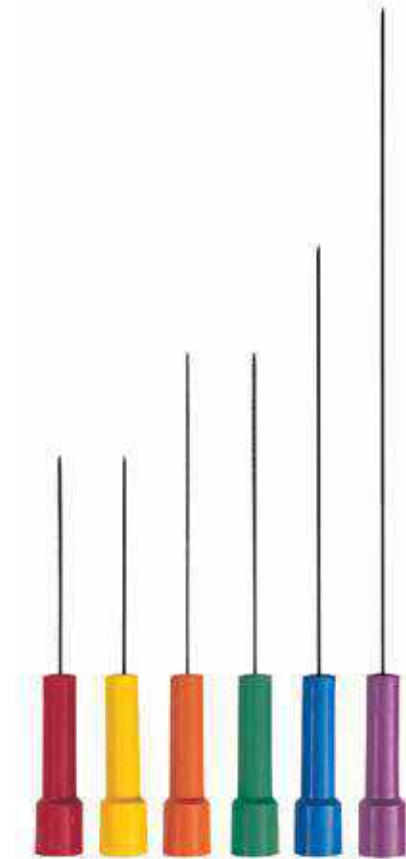
- Stainless steel needle, manufactured with a conical tip ground to a consistently sharp point
- Color-coded by needle size for easy identification
- Consistently low impedance levels for accurate recordings
- Reusable, flexible lead cable (902-RLC-TP) included with each box
- Coated with a low friction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

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

Reusable Lead Cable

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

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



EMG NEEDLE ELECTRODES

Monopolar Needle Electrodes

Natus® Ultra Disposable Monopolar Needle Electrodes with leads attached

- Fully disposable; attached lead reduces both set-up time and infection potential
- Coated stainless steel needle with ultra-sharp tip increases ease of insertion and patient comfort
- Low-friction coating facilitates ease of repositioning
- Color-coded by needle size for easy identification
- Sterile; individually packaged in sealed pouches

Part Number	Length	Needle Diameter	Lead Wire Color	Recording Area (mm ²)	Lead Length	Quantity
027721	1" (25mm)	0.35mm (28G)	Red	0.42	30" (0.75m)	1/pouch - 25/box
027722	1" (25mm)	0.45mm (26G)	Yellow	0.72	30" (0.75m)	1/pouch - 25/box
027723	1.5" (37mm)	0.35mm (28G)	Orange	0.42	30" (0.75m)	1/pouch - 25/box
027724	1.5" (37mm)	0.45mm (26G)	Green	0.72	30" (0.75m)	1/pouch - 25/box
027725	2" (50mm)	0.45mm (26G)	Blue	0.72	30" (0.75m)	1/pouch - 25/box
027726	3" (75mm)	0.45mm (26G)	Violet	0.72	30" (0.75m)	1/pouch - 25/box



ULTRASOUND MONITORING

Natus® InVisus™ Ultrasound System

Powerful, high-quality ultrasound in the palm of your hand

- Handheld, HD tablet-based ultrasound system
- 5–18MHz linear probe options
- Superior image quality for easy identification of structures and landmarks
- Full M-mode/B-mode, color and power Doppler and Pulsed Wave Doppler
- Conduct needle insertions and injections with confidence using ultrasound guidance

Part Number	Description
024351	InVisus SLP Ultrasound Base with fixed Linear Probe 5-12.5MHz, 128 elements
024362	InVisus EXP Ultrasound Base (no probe)
Select probe option (one or two probes):	
024363	PR51 Linear Probe 10-18MHz, 192 Elements
024364	PR52 Linear Probe 6-18MHz, 256 Elements

Contact your Natus sales representative or distributor for more information



EMG NEEDLE ELECTRODES

Injectable Needle Electrodes



TECA® MyoJect Disposable Luer Lock Needle Electrodes

For therapy and nerve block procedures

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

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



Bo-ject® DHN Disposable Hypodermic Needle Electrodes

For therapy and nerve block procedures

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

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



DID YOU KNOW?

In 1987 TECA® introduced the first disposable concentric needle!

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



HANDHELD DEVICE FOR EMG/STIM-GUIDED INJECTIONS

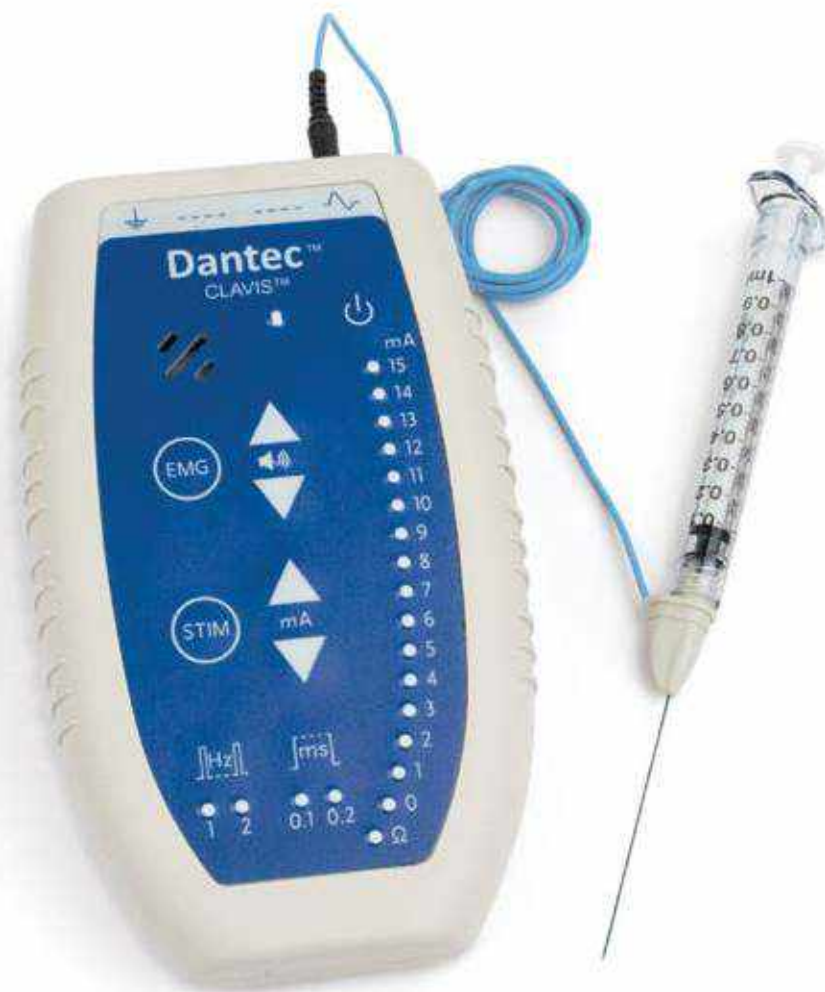
Dantec® Clavis™

Fast and easy pathway for injection of medicinal products.

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

Part Number	Quantity
9015A0012	1/pkg

Contact your Natus sales representative or distributor for information



EMG NEEDLE ELECTRODES

Single Fiber Needle Electrodes



Natus® Reusable Indicator Single Fiber Needle Electrode

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

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



Natus® Needle Holder (Cable)

- Kevlar® cable for Natus Reusable Indicator Single Fiber needle electrodes

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

Sensory Needle Electrodes



Ultra Disposable Sensory Needle Electrode

- Designed for recording potentials from muscles and nerves
- Insulated stainless steel needle with exposed trocar-shaped tip which serves as the recording area
- Pre-sterilized
- Requires a cable with a 0.7mm female touchproof connector on the electrode end

Part Number	Length	Diameter	Recording Area mm ²	Quantity	Compatibility
027780	0.59" (15mm)	0.70mm (22G)	5.0mm ² Active	25/pkg	See compatible cables below
027781	1.18" (30mm)	0.70mm (22G)	5.0mm ² Active	25/pkg	
027782	1.97" (50mm)	0.70mm (22G)	5.0mm ² Active	25/pkg	
027783	0.59" (15mm)	0.35mm (28G)	2.0mm ² Active	25/pkg	
027784	1.18" (30mm)	0.35mm (28G)	2.0mm ² Active	25/pkg	
027785	0.79" (20mm)	0.35mm (28G)	2.0mm ² Active	25/pkg	

Multi-Use Cables

Multi-Use EMG & IOM Cables

For use with:

- Adhesive Disposable Pre-Gelled surface electrodes, see pages 17-18
- Scalp needle electrodes, see page 47

Part Number	Description	Length	Electrode End	Instrument End	Quantity
9013C0112	HUSH Shielded Cable	39" (1m)	2 x 0.7mm female touchproof	5-pin DIN	1/pkg
9013C0122	HUSH Shielded Cable	79" (2m)	2 x 0.7mm female touchproof	5-pin DIN	1/pkg
9013C0132	HUSH Shielded Cable	39" (1m)	3 x 0.7mm female touchproof	5-pin DIN	1/pkg
9013C0142	HUSH Shielded Cable	79" (2m)	3 x 0.7mm female touchproof	5-pin DIN	1/pkg
9013C0152	Unshielded Cable	32" (0.8m)	0.7mm female touchproof	1.5mm female touchproof	8/pkg
9013C0242	Unshielded Cable	79" (2m)	0.7mm female touchproof	1.5mm female touchproof	8/pkg
028866*	Shielded Cable	59" (1.5m)	2 x 0.7mm female touchproof	5-pin DIN	1/pkg

*Not for sale in US & Canada



STIMULATING & RECORDING ELECTRODES

Bipolar Stimulating Probes

Comfort Probe

- Includes adult angled, adult straight and touchproof probe heads and holder

Part Number	Type	Quantity	Compatibility
515-016300	Comfort Probe RS10	1/pkg	Nicolet EDX & VikingQuest systems
842-695000	Comfort Probe RS10 & Adaptor	1/pkg	Natus UltraPro S100 systems



Comfort Probe

Comfort Probe Plus

- Controls for stimulus intensity, duration, polarity, move to next trace
- Includes adult angled, adult straight and touchproof probe heads and holder

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



Comfort Probe Plus

Comfort Probe & Comfort Probe Plus Stimulator Heads

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

Natus Advanced Handgrip Stimulator

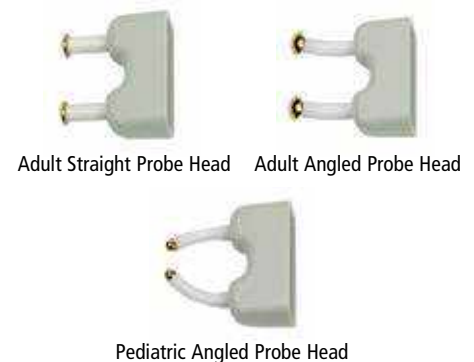
- Easily removable tip with adjustable orientation of the pins
- Small and lightweight for maximum comfort
- Programmable buttons for fast operation

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



Natus Advanced Handgrip Stimulator Heads

Part Number	Type	Quantity	Compatibility
9031E5221	Adult Straight Probe Head	1/pkg	Natus Advanced Handgrip Stimulator only
9031E5261	Adult Angled Probe Head	1/pkg	
9031E5421	Pediatric Angled Probe Head	1/pkg	



Adult Straight Probe Head

Adult Angled Probe Head

Pediatric Angled Probe Head

STIMULATING & RECORDING ELECTRODES

Bipolar Stimulating Probes



Nicolet® Bipolar Stimulating Probe

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

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



033-406001



033-407100



033-409501



Reusable Bipolar Stimulating Probe with Start/Stop Switch

- Includes stimulus probe head tip

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



Handheld Bipolar Stimulator Probe with Stainless Steel Tips

- 12mm spacing between tips

Part Number	Length	Quantity	Compatibility
9523-7-TP	79" (2m)	1/pkg	Most EMG systems that accept 1.5mm female touchproof connectors

Replacement Stainless Steel Tips (not pictured)

- For use with 9523-7-TP Handheld Stimulator Probe only
- 12mm spacing between tips

Part Number	Quantity
9541	2/pkg

STIMULATING & RECORDING ELECTRODES

Handheld Felt Pad Stimulating Electrodes

Handheld Felt Pad Stimulating Electrodes

- Replaceable felt pads
- Indicator locates cathode

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

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



DID YOU KNOW?

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

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	

**See compatible Snap-On T-Bar Handle part 019-421000

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



Snap-On T-Bar Handle for Bipolar Bar Electrodes

- Fits bar electrodes for more flexibility and ease-of-use

Part Number	Type	Quantity	Compatibility
019-421000	T-Bar Handle	1/pkg	Compatible with 019-401500, 019-431400, 019-401400 bar electrodes



EMG Felt Pad Bar Electrodes

- Includes ten felt pads and tightening strap

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

*Not for sale in US & Canada



HUSH® Bipolar Bar Electrode

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

Part Number	Length	Instrument End	Quantity	Compatibility
901350352	39" (1m)	5-pin DIN	1/pkg	Dantec Keypoint G4, Keypoint Focus & Natus UltraPro S100 EMG systems only



Bipolar Bar Electrodes

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

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

**See compatible Snap-On T-Bar Handle part 019-421000



Bipolar Bar Electrode

- 10mm stainless steel discs, 30mm spacing

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

STIMULATING & RECORDING ELECTRODES

Ground Electrodes

Reusable Ground Strap Electrodes

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

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

*Not for sale in US & Canada



Reusable Disc Ground Electrodes

- Long-lasting stainless steel disc

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



Disc Stimulating/Recording Electrodes

HUSH® Disc Electrode

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

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



Stainless Steel Disc Electrodes

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

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



STIMULATING & RECORDING ELECTRODES

Digital Ring Electrodes



Digital Ring Electrode

- Stainless steel ring

Part Number	Lead Length	Instrument End	Quantity	Compatibility
028865*	118" (3m)	1.5mm female touchproof	1/ea	Most EMG systems

*Not for sale in US & Canada

Digital Ring Electrodes

- Two spring-style, stainless steel, adjustable rings



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

Digital Ring Electrode

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



Part Number	Lead Length	Instrument End	Quantity	Compatibility
9013S0302	39" (91cm)	5-pin DIN	1/ea	Dantec Keypoint G4, Keypoint Focus & Natus UltraPro S100 EMG systems only

Finger Clip Electrodes

Finger Clip Electrode

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



Part Number	Type	Lead Length	Instrument End	Quantity	Compatibility
019-429300	Finger Clip Electrodes with twisted lead wires	24" (61cm)	1.5mm female touchproof	1 pair/pkg	Most EMG systems



DID YOU KNOW?

Both humans and long-necked giraffes have seven cervical vertebrae

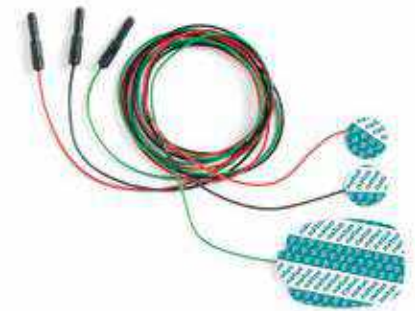
ADHESIVE ELECTRODES

Adhesive Electrodes with Lead Wires Attached

Disposable NCV Electrode Set 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

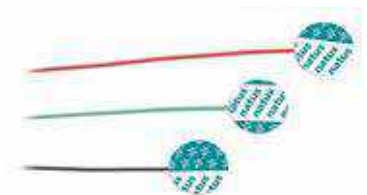
Part Number	Type	Lead Length	Quantity	Compatibility
019-415200	NCV Electrode Set	39" (1m)	24 kits/pkg	Most systems that accept 1.5mm touchproof connectors



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

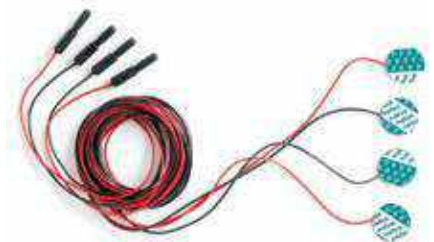
Part Number	Type	Lead Length	Quantity	Compatibility
019-439400	Disc	20" (0.5m)	24 sets/pkg	Most systems that accept 1.5mm touchproof connectors
019-414200	Disc	39" (1m)	24 sets/pkg	



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

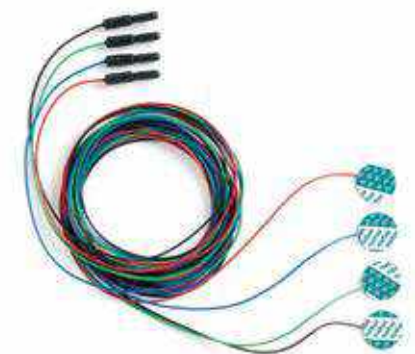
Part Number	Type	Lead Length	Quantity	Compatibility
019-415000	Disc	59" (1.5m)	24 sets/pkg	Most systems that accept 1.5mm touchproof connectors
019-420800	Disc	118" (3m)	24 sets/pkg	



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 systems that accept 1.5mm touchproof connectors
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; 8mm x 106mm contact area
- Single patient use only

Part Number	Type	Lead Length	Quantity	Compatibility
019-439300	Ring	20" (0.5m)	10 pkg/box	Most systems that accept 1.5mm touchproof connectors



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; 20mm x 25mm contact area
- Ideal for SEP, AEP and IOM studies

Part Number	Type	Lead Length	Quantity	Compatibility
019-406600	Tab	39" (1m)	24 pair/pkg	Most systems that accept 1.5mm touchproof connectors



Disposable 2" x 4" Ground Plate Electrode with Lead

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

Part Number	Type	Lead Length	Quantity	Compatibility
019-422200	Ground	59" (1.5m)	24 pouches/pkg	Most systems that accept 1.5mm touchproof connectors



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 contact 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 systems that accept 1.5mm touchproof connectors
019-409100	Ground	79" (2m)	24 pouches/pkg	

ADHESIVE ELECTRODES

Adhesive Electrodes with Lead Wires Attached

Disposable 5-Disc Electrode Set with Leads

- Attached lead wires terminate in 1.5mm touchproof connectors
- Five pre-gelled Ag/AgCl disc electrodes per pouch, 18mm x 33mm contact area, 1cm recording area
- Ideal for PSG, SEP, AEP, EMG, NCS and IOM studies

Part Number	Type	Lead Length	Quantity	Compatibility
OBM00042	Disc	39" (1m)	12 x 5 electrodes/pkg (60 electrodes total)	Most systems that accept 1.5mm touchproof connectors



Disposable 3-Disc Transparent Electrode Set

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

Part Number	Type	Length	Quantity	Compatibility
019-434600	Ag/AgCl Sensor	20" (0.5m)	4 sets/pkg	Most systems that accept 1.5mm touchproof connectors
019-434700	Ag/AgCl Sensor	31" (0.8m)	4 sets/pkg	
019-434800	Ag/AgCl Sensor	47" (1.2m)	4 sets/pkg	



Value Line Disposable 4-Disc Electrode Set with Leads

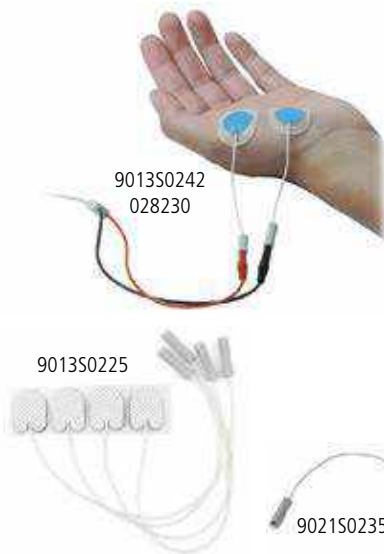
- Color-coded (red, blue, green, black) attached lead wires terminate in 1.5mm touchproof connectors
- Four pre-gelled 19mm Ag/AgCl tab electrodes per pouch
- Ideal for PSG, NCS, SEP, AEP, EMG, ENG and IOM studies

Part Number	Type	Lead Length	Quantity	Compatibility
017516	Disc	39" (1m)	4 electrodes/pkg; 100 electrodes/box	Most systems that accept 1.5mm touchproof connectors



ADHESIVE ELECTRODES

Adhesive Electrodes with Lead Wires Attached

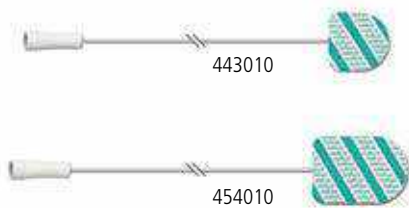


Disposable Pre-Gelled Surface Electrodes

- Pre-gelled Ag/AgCl electrodes
- Can be repositioned on the same patient

Part Number	Recording Area	Lead Length	Lead Connector	Quantity	Compatibility
9013S0212 ^{*s}	15mm x 20mm (263mm ²)	3.9" (10cm)	0.7mm male touchproof	12/pkg	Dantec Keypoint G4, Keypoint Focus & Natus UltraPro S100 EMG systems only
9013S0242 ^{*s}	28mm x 20mm (474mm ²)	3.9" (10cm)	0.7mm male touchproof	12/pkg	
028230 ^{*Δ}	28mm x 20mm (474mm ²)	2.4" (6cm)	0.7mm male touchproof	12/pkg	
9013L0453 ^s	28mm x 20mm (474mm ²)	19.7" (50cm)	1.5mm female touchproof	12/pkg	
028234 ^Δ	28mm x 20mm (474mm ²)	18.3" (46.5cm)	1.5mm female touchproof	12/pkg	
9013S0225 ^{*s}	20mm x 15mm (263mm ²)	5.9" (15cm)	0.7mm male touchproof	12/pkg	
9021S0235 ^{*s}	28mm x 20mm (490mm ²)	7.9" (20cm)	0.7mm male touchproof	12/pkg	
028864 ^{*s}	22mm x 30mm	4" (10cm)	0.7mm male touchproof	2/pkg	

^{*}Cable required with these electrodes: see Page 8 for options. [§]Not for sale in US & Canada. ^ΔUS & Canada only

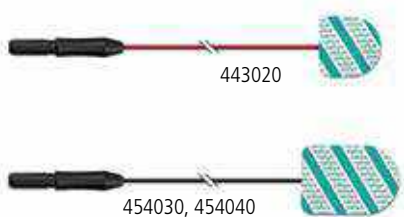


Disposable Pre-Gelled Surface Electrodes

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

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

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



Disposable Pre-Gelled Surface Electrodes

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

Part Number	Recording Area	Lead Length	Lead Connector	Quantity	Compatibility
443020	15mm x 20mm	47.2" (1.2m)	1.5mm female touchproof	12/pkg	Most systems that accept 1.5mm touchproof connectors
454030	20mm x 25mm	47.2" (1.2m)	1.5mm female touchproof	12/pkg	
454040	20mm x 25mm	79" (2m)	1.5mm female touchproof	12/pkg	



Disposable Pre-Gelled Surface Electrode

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

Part Number	Recording Area	Lead Length	Lead Connector	Quantity	Compatibility
019-408500	20mm x 15mm	36" (1m)	1.5mm female touchproof	12/pkg	Most EMG systems that accept 1.5mm touchproof connectors

ADHESIVE ELECTRODES

Adhesive Tab Electrodes

Disposable Ground/Tab Electrode

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

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



Disposable Wide Version Ring Electrode

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

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



Disposable Bar/Disc Electrode

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

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



Disposable Ground Plate Electrode

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

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



Disposable Tab Electrode Kit

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

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



ADHESIVE ELECTRODES

Adhesive Tab Electrodes



Natus Jelly Tab® Disposable Electrodes

- Gentle on sensitive skin
- Removes easily without leaving residue
- Ergonomically shaped tabs for ease of use
- Requires reusable alligator-clip lead wires

Part Number	Type	Quantity	Compatibility
101661	Natus Jelly Tab	20 tabs of 3 ea (60 total)	Most EMG systems



Nutab Disposable Electrode

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

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



Care 310® Disposable Ground Electrode

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

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

Alligator-Clip Lead Wires



Alligator-Clip Lead Wire Sets

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

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



Alligator-Clip Lead Wire Sets

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

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

Snap leads and additional EMG electrode options are located on pages 77-79.

EMG Supplies Solutions

Convenient, Complete, Trusted

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

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



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

ANCILLARY EMG ITEMS

Optional Cables & Adapters



Shielded 3-in-1 Extension Cable

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

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



Shielded Reusable Lead Cable for Disposable Monopolar Needle Electrodes

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

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



Shielded Shuttle Cable

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

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



Alligator-Clip Cables

- For use with pre-gelled tab electrodes
- Cable withstands >50 lb 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



028867



028868

Crocodile-Clip Cable

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

Part Number	Type	Length	Electrode End	Instrument End	Quantity	Compatibility
028867*	Unshielded	59" (1.5m)	3 separate cables; each terminates in a clip: one each red, black, green	1.5mm touchproof connector	3/pkg	Most EMG systems
028868*	Shielded	59" (1.5m)	3 color-coded clips (red, green, black)	5-pin DIN	1/pkg	

*Not for sale in US & Canada

ANCILLARY EMG ITEMS

Optional Cables & Adapters

HUSH® Yoke Cables

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

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

9013C0312

9013C0302

Extension Cable for Monopolar Needles

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

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

Natus® Concentric Cable Adapter

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

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



DID YOU KNOW?

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

ANCILLARY EMG ITEMS

Temperature Probes & Electrodes



Mini-Temp Hearts & Flexible Surface Temperature Probe

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

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

*Not for sale in Canada

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

*Not for sale in US & Canada



Reusable Temperature Probe with Ferrite

- Plugs directly into the preamplifier/patient interface unit

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

Tendon (Reflex) Hammer

Tendon (Reflex) Hammer

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

Part Number	Type	Lead Length	Instrument End	Quantity	Compatibility
842-116700	Tendon Hammer	120" (3m)	1/8" mini-phone plug	1/pkg	Nicolet VikingQuest & EDX systems only



Tendon (Reflex) Hammer

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

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



Sharps Container

Sharps Heavy-Duty Polypropylene Containers

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

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



ANCILLARY EMG ITEMS

EMG Needle Holder

EMG Needle Holder

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

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



EMG Needle Holder

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

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



Velcro® Straps

Velcro® Straps

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

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



Acceleration Sensors

Acceleration Transducer

- For tremor analysis

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

*Not for sale in US & Canada



Acupuncture Needles

Acupuncture Needles

- Sterile EMG disposable needles

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

*Not for sale in US & Canada



MULTI-MEDIA TRAINING MATERIAL

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023400 - Volume I

Electronic Myoanatomic Atlas for Clinical Electromyography (2nd Edition)

023401 - Volume II

Electronic Atlas of Electromyographic Waveforms (2nd Edition)

023402 - Volume III

Sensory Nerve Conduction Studies

023403 - Volume IV

Motor Nerve Conduction Study
and Late Responses

023404 - Volume V

Basic Nerve Conduction Studies

023405 - Volume VI

Electrodiagnostic Evaluation of the Foot

023406 - Volume VII

Electrodiagnostic Evaluation
of Ulnar Neuropathy

023407 - Volume VIII

Uncommon Nerve Conduction Studies

023408 - Volume IX

Electrodiagnostic Evaluation of
Carpal Tunnel Syndrome

023409 - Volume X

Single Fiber Electromyography

023410 - Volume XI

Basic Evoked Potentials

023411 - Volume XII

Repetitive Nerve Stimulation

023412 - Essential EDX: Volume I

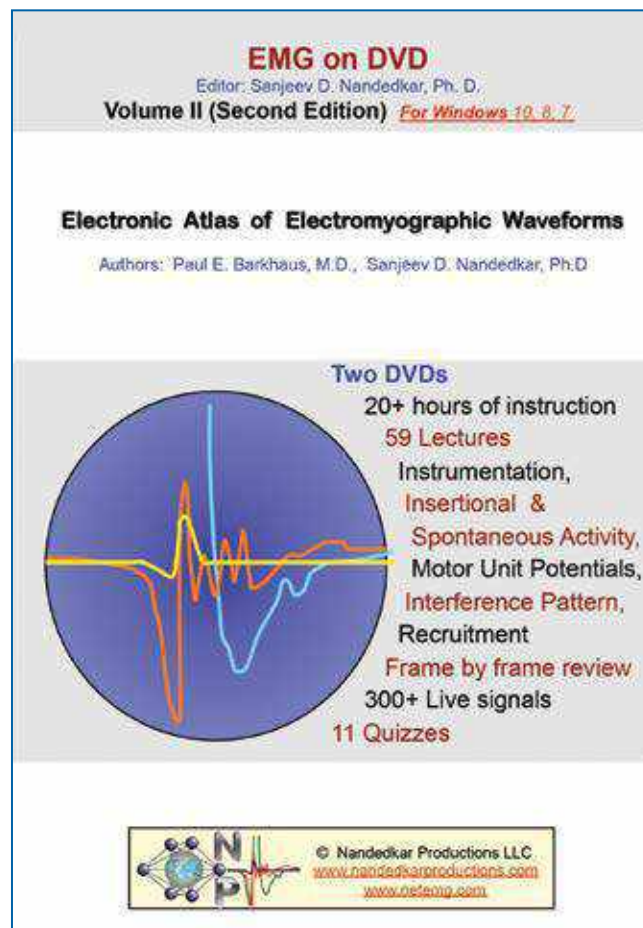
Instrumentation: Principles and Practice

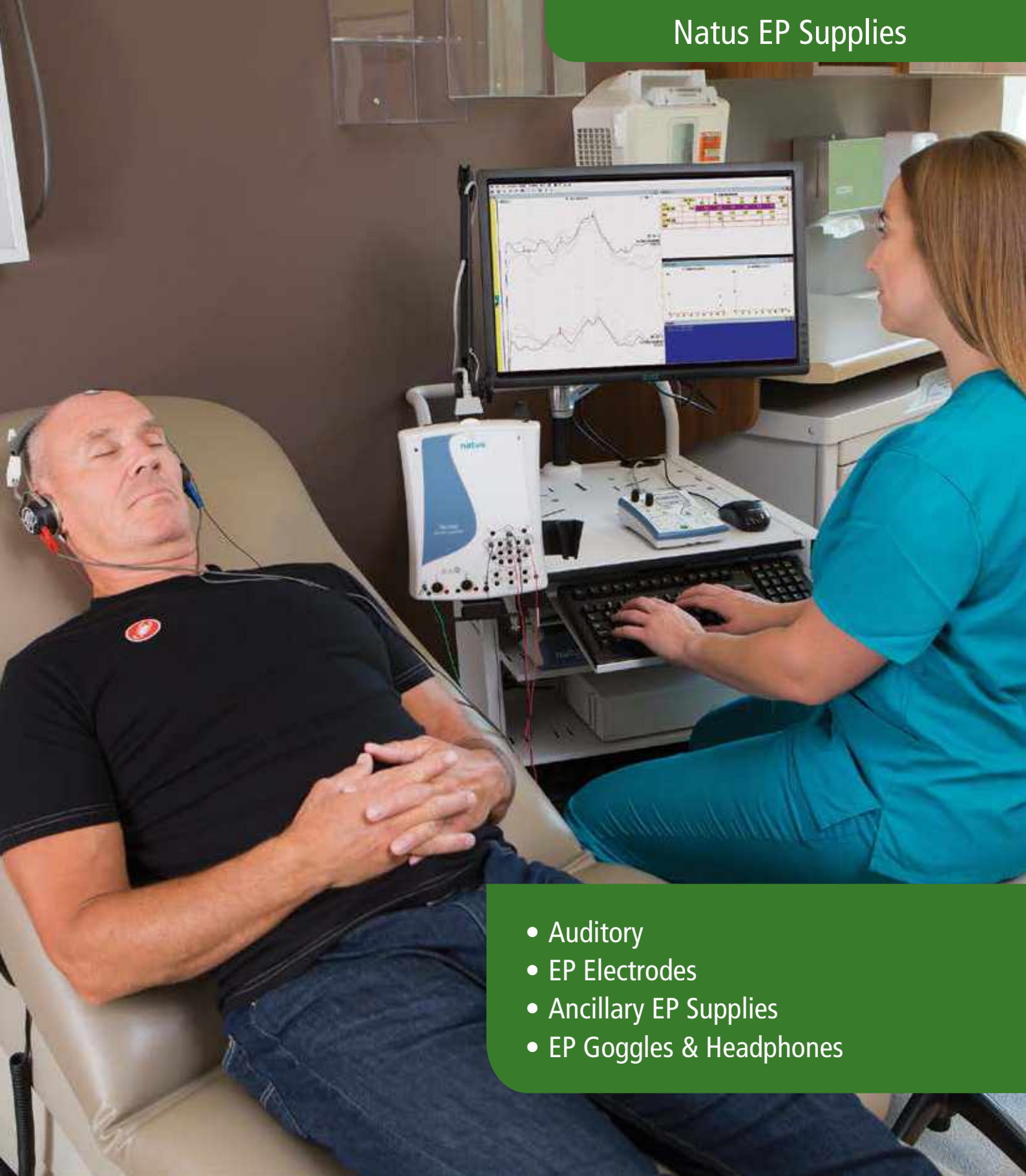
023413 - Essential EDX

Volume II. Insertional and Spontaneous Activity

023414 - Institutional License for Teaching Institutes

All 12 Volumes





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

Snap leads and additional electrode options are located on pages 77-79.

AUDITORY

Tubal Insert Phones (TIPs) Kits

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



Reusable Left & Right Tubal Insert Phones with Cable

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

Part Number	Description	Connector	Quantity	Compatibility
041-704000	TIP 300 Kit	dual phone plugs (full size)	1 kit/pkg	Nicolet systems

Part Number	Description	Cable Length	Connector	Quantity
085-746400	Replacement Cable	16' (4.88m)	9-pin DIN	1/pkg



Reusable Left & Right Tubal Insert Phones with Cable

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

Part Number	Description	Connector	Quantity	Compatibility
005562	Protector32 IOM TIPs Kit	5-pin circular connector	1 kit/pkg	Protector32 system

*Not for sale in countries that require CE marking



Reusable Left & Right Tubal Insert Phones with Cable

Part Number	Description	Connector	Quantity	Compatibility
9031E0277	Dantec Keypoint TIPs Kit	9-pin DIN	1 kit/pkg	Dantec Keypoint G4, Keypoint Focus & Natus UltraPro S100 EMG systems

AUDITORY

Tubal Insert Phones (TIPs) Supplies

Disposable Polyurethane Foam Ear Tips

- Single patient use only

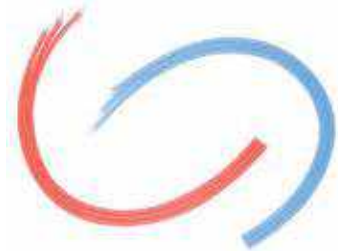
Part Number	Type	Quantity	Compatibility
103342	18mm, yellow	24/pkg	All Natus Tubal Insert Phones
1700-9604	13mm, yellow	50/pkg	
1700-9605	10mm, beige	50/pkg	



Replacement Red/Blue Silicone Tubes

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

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



Replacement Clear Silicone Tubes

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

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



Replacement Impedance Adapter Tip

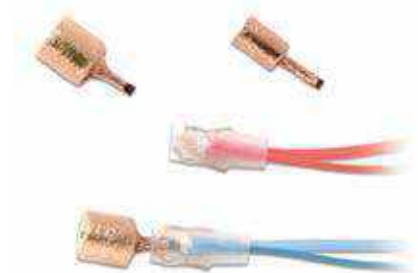
Part Number	Type	Quantity	Compatibility
019-428400	Adapter Tip	4/pkg	All Natus Tubal Insert Phones



Gold TIPtrodes/Reusable TIPtrode Cable

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

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



Replacement Ear Tips

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

Part Number	Type	Quantity	Compatibility
842-507300	3.5mm Tips	10/pkg	All Natus TIPtrode (Tubal Insert) Phones
842-507400	4mm Tips	10/pkg	
842-507500	5mm Tips	10/pkg	



AUDITORY

Tubal Insert Phones (TIPs) Supplies



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 or EDX Systems

EP ELECTRODES



Disposable ERG Jet Contact Lens Electrode

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

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

*Not for sale in Canada

Snap leads and electrode options are located on pages 77-79.

Adhesive electrodes are located on pages 15-20.

EP GOGGLES & HEADPHONES

Goggles

Nicolet® Goggles

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



Natus® UltraPro & Dantec® Keypoint® Goggles

Part Number	Description	Compatibility
9031E0223	LED Goggles	Natus UltraPro S100, Dantec Keypoint Focus & Keypoint G4 with visual stimulator



Xltek® Protektor32 Goggles

Part Number	Description	Compatibility
005031	LED Goggles	Xltek Protektor32



Headphones

Nicolet® Headphones

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

842-202700



842-202300



Natus® UltraPro & Dantec® Keypoint® Headphones

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



Xltek® Protektor32 Headphones

Part Number	Description	Compatibility
005032	Auditory Stimulus Headphones	Xltek Protektor32

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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.

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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.

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

Natus Essential Support Elements

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



At Natus, 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.



- 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 unless otherwise noted.

EEG ELECTRODES

Grass® Gold & Silver Reusable Cup Electrodes



Genuine Grass® Reusable EEG Cup Electrodes

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

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



Heavy 24k Gold plate over pure silver cast cup



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



Heavy 24k Gold plate over pure silver

EEG ELECTRODES

Other Reusable & Disposable Cup Electrodes

Grass® Reusable EEG Stamped-Cup Electrodes

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

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



Reusable "Tangle Free" 10mm EEG Cup Electrodes

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

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



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

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

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



EEG ELECTRODES

Other Reusable & Disposable Cup Electrodes



Grass® Disposable EEG Cup Electrodes

- Wide, flat rim rests gently on skin
- Ag/AgCl-coated ABS cup with 2mm hole
- Single use eliminates the risk of cross-contamination
- Pack of 10: 10 lead wire colors: yellow, red, orange, blue, purple, brown, green, white, gray, black
- Pack of 25: 12 lead wire colors: black, white, red, blue, yellow, green, orange, gray, brown, purple, light blue, pink, plus 1 extra white

Part Number	Type	Lead Length	Connector Type	Quantity
019-477200	10mm Ag/AgCl	39" (1.0m)	1.5mm touchproof connector	10/pkg
019-477300	10mm Ag/AgCl	59" (1.5m)	1.5mm touchproof connector	10/pkg
019-477400	10mm Ag/AgCl	79" (2.0m)	1.5mm touchproof connector	10/pkg
019-479200	10mm Ag/AgCl	98" (2.5m)	1.5mm touchproof connector	10/pkg
027920	10mm Ag/AgCl	39" (1.0m)	1.5mm touchproof connector	25/pkg
027921	10mm Ag/AgCl	59" (1.5m)	1.5mm touchproof connector	25/pkg
027922	10mm Ag/AgCl	79" (2.0m)	1.5mm touchproof connector	25/pkg
027923	10mm Ag/AgCl	98" (2.5m)	1.5mm touchproof connector	25/pkg



Grass® Disposable EEG Deep-Cup Electrodes

- Holds 50% more paste; good choice for LTM
- Ag/AgCl-coated ABS cup with 2mm hole
- Single use eliminates the risk of cross-contamination
- Pack of 10: 10 lead wire colors: yellow, red, orange, blue, purple, brown, green, white, gray, black
- Pack of 25: 12 lead wire colors: black, white, red, blue, yellow, green, orange, gray, brown, purple, light blue, pink, plus 1 extra white

Part Number	Type	Lead Length	Connector Type	Quantity
023146	10mm Ag/AgCl	39" (1.0m)	1.5mm touchproof connector	10/pkg
023147	10mm Ag/AgCl	59" (1.5m)	1.5mm touchproof connector	10/pkg
023148	10mm Ag/AgCl	79" (2.0m)	1.5mm touchproof connector	10/pkg
023149	10mm Ag/AgCl	98" (2.5m)	1.5mm touchproof connector	10/pkg
027924	10mm Ag/AgCl	39" (1.0m)	1.5mm touchproof connector	25/pkg
027925	10mm Ag/AgCl	59" (1.5m)	1.5mm touchproof connector	25/pkg
027926	10mm Ag/AgCl	79" (2.0m)	1.5mm touchproof connector	25/pkg
027927	10mm Ag/AgCl	98" (2.5m)	1.5mm touchproof connector	25/pkg



Genuine Grass® Reusable Ear Clip Electrodes

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

Part Number	Type	Lead Length	Connector Type	Quantity
F-E34DG-48	10mm Gold	48" (1.22m)	1.5mm touchproof connector	1 pair/box
F-E34DG-72	10mm Gold	72" (1.83m)	1.5mm touchproof connector	1 pair/box
F-E34DS-48	10mm Silver	48" (1.22m)	1.5mm touchproof connector	1 pair/box

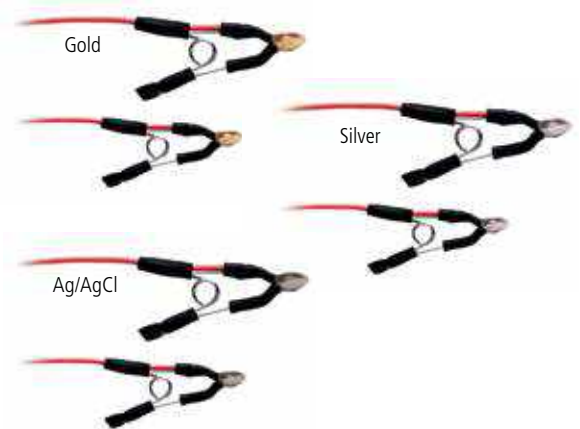
EEG ELECTRODES

Other Reusable & Disposable Cup Electrodes

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

Part Number	Type	Lead Length	Connector Type	Quantity
101224	10mm Gold	39" (1.0m)	1.5mm touchproof connector	1 pair/pkg
101223	6mm Gold	39" (1.0m)	1.5mm touchproof connector	1 pair/pkg
101204	10mm Silver	39" (1.0m)	1.5mm touchproof connector	1 pair/pkg
101203	6mm Silver	39" (1.0m)	1.5mm touchproof connector	1 pair/pkg
019-405500	10mm Ag/AgCl	39" (1.0m)	1.5mm touchproof connector	1 pair/pkg
019-405400	6mm Ag/AgCl	39" (1.0m)	1.5mm touchproof connector	1 pair/pkg



MR Conditional Electrodes

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

Color Group 1 (1 – 12)



Color Group 2 (13 – 24)



Disposable MR Conditional Cups

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

Disposable MR Conditional Deep Cups

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



LeadLock™

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

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



EEG ELECTRODES

Electrode Caps



HC0017
waveguard
256-channel
original
(medium)



021122



021125

021126



021127

waveguard™ original Head Caps

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

waveguard original head caps

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

waveguard original accessories

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

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

**Not for sale in Canada

EEG ELECTRODES

Electrode Caps

waveguard™ connect Head Caps

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

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

waveguard connect adapters:

Required except with Natus Brain Monitor and NDx, which interface directly with the waveguard DB25 connector.
Exception: Brain Monitor iX variant requires an adapter included in the BOM of the device.

021128	Adapter for Xtek and other EEG amplifiers not addressed below; DB25 male connector to individual touchproof connectors, 12.2" (31cm) cable length	1/pkg
085-481300	Adapter for Nicolet v32 and v44 amplifiers	1/pkg
503171NE	Adapter for Schwarzer/Deltamed Brainbox 1042 EEG amplifier (International only; not available in the US or Canada)	1/pkg
685018	Epas cap adapter for Schwarzer amplifier with normal layout	1/pkg
685022	Epas cap adapter for Schwarzer amplifier with inverted layout	1/pkg

waveguard connect accessories

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

*Not for sale in Canada

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



021124 - Chin pad
(for patients with
pressure sensitivity)



122-407000 -
Electro-Gel, 16oz



122-409100 -
Electro-Gel, 128oz



Head Cap
example



021128



085-481300



021122



021125

021126



021127

EEG ELECTRODES

Electrode Caps

Universal Head Cap Systems*

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

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



9013E1142



9013E1312

Part Number	Type/Description	Quantity
9013E1132	Head Cap - Silicone Rubber - Transparent, 24cm, Child	1/pkg
9013E1142	Head Cap - Silicone Rubber - Transparent, 30cm, Small Adult	1/pkg
999-200000	Head Cap - Silicone Rubber - Transparent, 34cm, Medium Adult	1/pkg
9013E1152	Head Cap - Silicone Rubber - Transparent, 40cm, Large Adult	1/pkg
9013E1232	Head Cap - Silicone Rubber - Transparent, 26cm	1/pkg
9013E1242	Head Cap - Silicone Rubber - Transparent, 28cm	1/pkg
9013E1252	Head Cap - Silicone Rubber - Transparent, 32cm	1/pkg
9013E1262	Head Cap - Silicone Rubber - Transparent, 37cm	1/pkg
9013E1712	Electrode Ear Clip, adjustable tension, Ag/AgCl, 1m lead	2/pkg
9013E1312	Monopode Bridge Electrodes, 2mm pin/crocodile, Adult blue	21/pkg
9013E1322	Monopode Bridge Electrodes, 2mm pin/crocodile, Adult blue	5/pkg
9013E1352	Monopode Bridge Electrodes, 2mm pin/crocodile, Adult red	21/pkg
9013E1362	Monopode Bridge Electrodes, 2mm pin/crocodile, Adult red	5/pkg
9013E1372	Monopode Bridge Electrodes, 2mm pin/crocodile, Child orange	21/pkg
9013E1382	Monopode Bridge Electrodes, 2mm pin/crocodile, Child orange	5/pkg
9013E1512	Cable for monopode bridge electrodes, 1m, 2mm spring pin to 1.5 mm female TP	21/pkg
918300	Cable for monopode bridge electrodes, 1m, 2mm spring pin to 1.5 mm female TP	10/pkg

*The parts featured in this table are not for sale in the US or Canada and availability is limited to specific markets



DID YOU KNOW?

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

EEG ELECTRODES

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
The following Original BraiNet has 14 scalp electrode placement locations		
022212	BraiNet Template/Adult/Child, Medium, 54cm-57cm	1/pkg
022213	BraiNet Template/Adult/Child, Large, 57cm-62cm	1/pkg
The following Baby BraiNet has 14 scalp electrode placement locations		
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
The following allows for full 10/20 placement with 19 recording electrode locations, plus electrode locations for ground and reference:		
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



CORTICAL STIMULATION

Cortical Stimulation Probe

Natus® Disposable Cortical Stimulation Probe

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

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



ANCILLARY EEG SUPPLIES

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



Reusable Touchproof Extension Cables

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

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



3" Reusable Stackable Jumper/Linker Cables

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

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



6" Reusable Stackable Jumper/Linker Cables

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

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



20" Reusable Stackable Jumper/Linker Cables

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

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

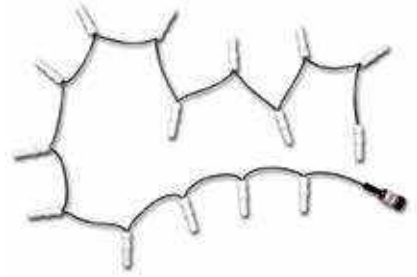
ANCILLARY EEG ITEMS

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

Reusable Jumper/Linker Cable

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

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



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



Touchproof Adapter

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

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



Touchproof Adapter

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

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



ANCILLARY EEG ITEMS

Ancillary EEG Supplies



Electrode & Cable Holder

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

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



ElectroBoot Sleeve for Electrode Wires

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

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



The Electrode Claw

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

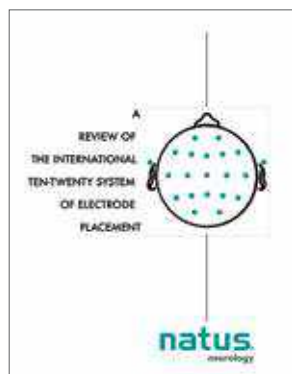
Part Number	Type	Quantity
105808	The Electrode Claw	1/pkg

EDUCATIONAL AIDS

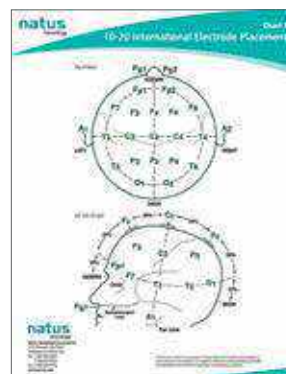
Electrode Placement Educational Material

- Reviews the International 10-20 System of electrode placement

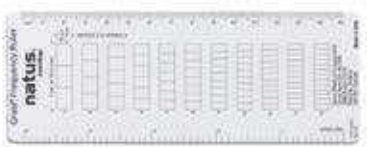
Part Number	Type	Quantity
EDBOOK1	10-20 Booklet	1/pkg
EDCHART1	10-20 Chart	1/pkg



10-20 Booklet



10-20 Chart



Frequency Ruler

Part Number	Type	Quantity
EDAID1	Frequency Ruler	1/pkg

- 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



Precision cut,
gently tapered,
ultra-sharp
lancet tip

0.38mm
diameter

Natus® Ultra Disposable Subdermal Needle Electrodes

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

4 each of 6 Lead Wire Colors: ● ● ● ● ● ●

2 each of 12 Lead Wire Colors: ● ● ● ● ● ● ● ● ● ● ● ●

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



Consistently
sharp lancet tip

0.40mm
diameter

Natus® Classic Disposable Subdermal Needle Electrodes

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

4 each of 6 Lead Wire Colors: ● ● ● ● ● ●

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

**DID YOU KNOW?**

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

IOM ELECTRODES

Subdermal Needle Electrodes

Genuine Grass® Reusable Platinum Subdermal Needle Electrodes*

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

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

*Not for sale in countries that require CE marking



Natus® Disposable Twisted Pair Subdermal Needle Electrodes

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

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



Scalp Needle Electrodes

Ultra Disposable Scalp Needle Electrode

- Designed for recording potentials from muscles and nerves
- Stainless steel needle with conical-shaped tip
- Pre-sterilized

Part Number	Type	Length	Diameter	Electrode End	Quantity	Compatible Cables
027786	Stainless Steel	10mm	0.30mm (30G)	0.7mm male touchproof	40/pkg	9013C0112, 9013C0122, 90213C0152, 9013C0242 or other cables with a 0.7mm female touchproof electrode end and a 1.5mm female touchproof instrument end (See page 8)



IOM ELECTRODES

Corkscrew Electrodes



Disposable Corkscrew Electrodes

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

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



Disposable Twisted Pair Corkscrew Electrodes

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

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

Hook-Wire Electrodes

Disposable Hook-Wire Electrodes

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



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

IOM ELECTRODES

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" (1.5m)	1/pkg
MS04N-LP10X-OJF	1X4 Strip	59" (1.5m)	1/pkg
FG08A-LP10X-OJF	2X4 Grid	59" (1.5m)	1/pkg

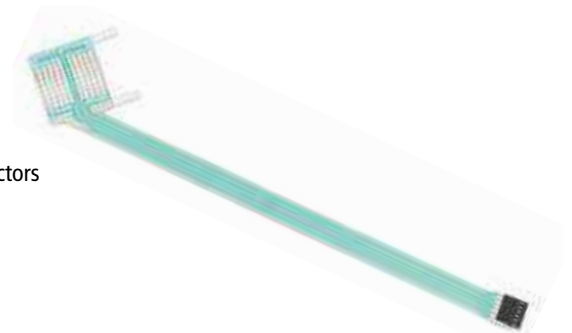


Laryngeal Electrodes

Lantern Laryngeal Electrodes

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

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



Reusable connection cable for Lantern Laryngeal Electrodes

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



DID YOU KNOW?

It takes 17 muscles to smile and 43 to frown

IOM PROBES

Probes – Disposable



Disposable Epidural Spinal Electrode

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

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



Disposable Ball Tip Direct Nerve Stimulator Probe

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

Part Number	Lead Length	Quantity
017507	79" (2m)	1/pkg



Disposable Concentric Direct Nerve Stimulator Probe – Adjustable Tip

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

Part Number	Lead Length	Quantity
017508	79" (2m)	1/pkg



Disposable Bipolar Direct Nerve Stimulator Probe

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

Part Number	Lead Length	Quantity
017509	79" (2m)	1/pkg



Disposable Flush Tip Direct Nerve Stimulator Probe

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

Part Number	Lead Length	Quantity
017510	79" (2m)	1/pkg



Disposable Monopolar Direct Nerve Stimulator Probe

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

Part Number	Lead Length	Quantity
017511	79" (2m)	1/pkg

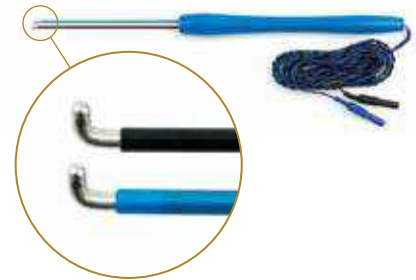
IOM PROBES

Probes – Disposable

Disposable Right Angle Double Hook Probe

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

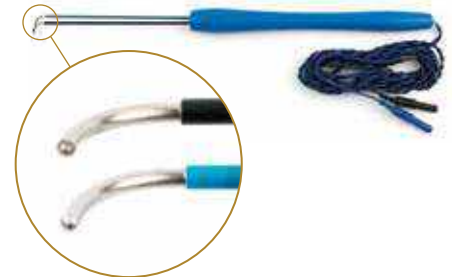
Part Number	Lead Length	Quantity
017512	79" (2m)	1/pkg



Disposable Double Hook Nerve Stimulator Probe

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

Part Number	Lead Length	Quantity
017513	79" (2m)	1/pkg



Disposable Triple Hook Nerve Stimulator Probe

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

Part Number	Lead Length	Quantity
017514	79" (2m)	1/pkg



ANCILLARY IOM ITEMS

Electrode Lead Extensions & Adapters



Reusable Extension Cable – Twisted

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

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



Micrograbbers

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

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



Rhizotomy Hook Cables

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

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



Reusable InLine RF Filter

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

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



- Sensors
- Cannulas
- Ancillary Sleep Supplies

Snap leads and additional electrode options are located on pages 77-79.

SENSORS

RIP Respiratory Effort Belts

Natus® XactTrace® Respiratory Effort Systems

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

System options include:

- ① Reusable (see pages 54, 55)
- ② Single Use Cut-to-Fit (see pages 55, 56)
- ③ Single Use Pre-sized (see pages 56, 57)

XactTrace® Reusable Universal Kit – Belts, Kits & Components

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

1

XactTrace Universal Belts & Belt Kits*					
Part Number	Type/Description	Length	Connector	Quantity	Compatibility
1421091	XactTrace Universal Kit – Complete (includes abdomen & thorax belts, abdomen & thorax snap sensors, two universal cables)	n/a	n/a	1 kit/pkg	Non-Embla systems that accept 1.5mm touchproof connectors
1421080	XactTrace Universal Abdomen Kit (belt, sensor, cable)	n/a	n/a	1 kit/pkg	
1421081	XactTrace Universal Thorax Kit (belt, sensor, cable)	n/a	n/a	1 kit/pkg	
1421040	XactTrace Adjustable Universal Belt	26-78” (66-200cm)	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

XactTrace® Reusable Belts for Embla® Systems

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

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

Table continued on next page



SENSORS

RIP Respiratory Effort Belts

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

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



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

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

2

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



1421000



1421020



1421022



1421048

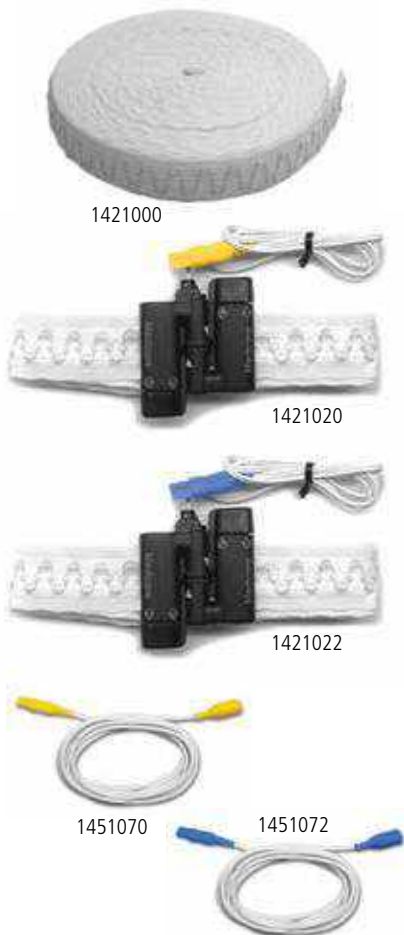


1421047

*Not for sale in Canada

SENSORS

RIP Respiratory Effort Belts

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

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

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

XactTrace® Single Use Pre-Sized Universal Belts & Components

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



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

*Not for sale in Canada

SENSORS

RIP Respiratory Effort Belts

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

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



3

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

XactTrace® Single Use Pre-Sized Belt Sizing

Choosing a Belt Size

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

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

SENSORS

RIP Respiratory Effort Belts



Respiratory Inductance Plethysmography Belts & Cables

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

Respiratory Inductance Plethysmography Belts

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

Respiratory Inductance Plethysmography Interface Cables

Part Number	Type	Lead Wire Length	Connector	Quantity	Compatibility
9101G**	Abdomen	78" (200cm)	1.5mm touchproof	1/pkg	Grass Comet-PLUS PSG systems
9102G**	Chest	78" (200cm)	1.5mm touchproof	1/pkg	Grass Comet-PLUS PSG systems
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

*Not for sale in Canada

**Reduced output signal for Grass PSG systems



Adjustable Respiratory Inductance Plethysmography Belt Kit

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

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

*Not for sale in Canada

SENSORS

PVDF Respiratory Effort Belts

Respiratory Effort PVDF Sensor - Double Buckle

- High output up to five times stronger than others
- Designed to reduce false paradoxical effort
- Connects directly to the head box
- 12" belt terminates with two female buckles
- Includes one each 2' and 4' Velstretch® male buckle belts



Part Number	Type	Belt Dimensions	Lead Wire Length	Quantity	Compatibility
026450	Chest or Abdomen	12" (30cm) x 1" (2.54cm)	6' 6" (2m)	1/pkg	Most systems that accept 1.5mm touchproof connectors

Replacement Double-Buckle Effort Belt

- Belt terminates with two male buckles

Part Number	Type	Belt Length	Quantity	Compatibility
026451	Chest or Abdomen	1" (2.54cm) x 48" (122cm)	1/pkg	026450 Respiratory Effort PVDF Sensor



DID YOU KNOW?

Humans are the only mammals that willingly delay sleep

SENSORS

Piezo Respiratory Effort Belts



Piezo Crystal Effort Sensor – Double Buckle

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

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

*Not for sale in Canada



Piezo Crystal Effort Sensor Kit – Velcro® Tab

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

Part Number	Type	Belt Lengths	Lead Wire Length	Quantity	Compatibility
1388G-KIT*	Chest or Abdomen	Small 1" (2.5cm) x 35" (88.2cm) Pediatric 1" (2.5cm) x 18" (45.7cm)	78" (200cm)	1 kit/pkg	Reduced output signal for Grass PSG systems that accept 1.5mm touchproof connectors
ACE116*	Chest or Abdomen	X-Large 1" (2.5cm) x 78" (200cm) Large 1" (2.5cm) x 51" (130cm)	78" (200cm)	1 kit/pkg	Most systems that accept 1.5mm touchproof connectors

*Not for sale in Canada



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
ACE114*	Chest or Abdomen	Small 1.5" (3.8cm) x 35" (90cm) Extra Small 1.5" (3.8cm) x 20" (50cm)	78" (200cm)	1 kit/pkg	Most systems that accept 1.5mm touchproof connectors

*Not for sale in Canada



Piezo Film/Crystal Effort Sensor Kit – Double Loop

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

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

*Not for sale in Canada



Infant Piezo Beltless Effort Sensor

- Apply with adhesive tape

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

*Not for sale in Canada



The scalable sleep system that grows with your needs

ST Proxy

- 2 EEG
- 2 EOG
- Bipolar Chin EMG
- ECG
- 2 X Leg EMG



ST+ Proxy

- 6 EEG
- 2 EOG
- Tri-polar Chin EMG
- ECG
- 2 X Leg EMG

Embletta MPR PG

- Abdominal effort
- Thoracic effort
- Nasal Pressure Flow
- Snore
- SpO₂
- Heart rate
- 1 x ExG
- Position
- Activity
- 1 x DC channel
- Microphone (optional)



TX Proxy

- Differential Pressure
- 6 x DC (-5/+5V),
- Ambient Light
- Ability to record Flow/Pressure/Leak



- Scalable from Level IV to Full Level I PSG
- Multi-night recording for HST
- LCD screen for Patient Set-Up, Signal Quality Check and Viewing Traces
- Bio-Sensor Auto Start
- Software included
- Hi-Quality Microphone (optional)
- TX Proxy adds interfaces for DC devices

To learn more about Natus products, contact your local distributor or sales representative.

US Customers Call:

1-800-356-0007

International Customers Call:

+1-608-829-8500

SENSORS

Airflow

Thermocouple Airflow Sensor

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

Part Number	Type	Size	Lead Wire Length	Quantity	Compatibility
1401G*	Single Channel Oral/Nasal	Adult	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors
019-480200*	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

*Not for sale in Canada

Thermocouple Airflow Sensor

- Small size and smooth contour for improved patient tolerance

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

*Not for sale in Canada

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

*Not for sale in Canada

Child 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	Child	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors
1420406*	Single Channel Oral/Nasal	Child	78" (200cm)	1/pkg	Embla systems with key connectors
019-480900*	Two Channel Oral & Nasal	Child	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors

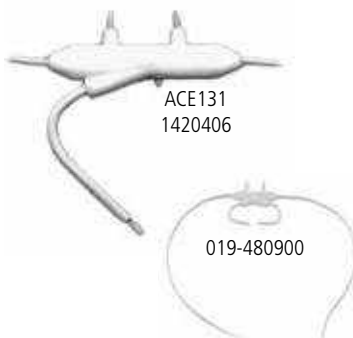
*Not for sale in Canada

Child Extra Small Thermocouple Airflow Sensor

- Small size improves patient compliance
- 3 thermocouples generating a signal in response to temperature changes

Part Number	Type	Size	Lead Wire Length	Quantity	Compatibility
ACE176*	Single Channel Oral/Nasal	Child Extra Small	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors

*Not for sale in Canada



SENSORS

Airflow

ThermoCan™ Integrated Thermal/Pressure Sensor

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

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

*Not for sale in Canada



Thermistor Airflow Sensor

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

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

*Not for sale in Canada



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. *Not for sale in US

BreathSensor® Cables

- 4140069 and 026454 cables include a battery pack
- 420447 and 1420448 cables do not include an inline battery



Part Number	Length	Connectors	Quantity	Compatibility
1420447* ^s	23" (58cm)	Key connector	1/pkg	Embletta MPR, Natus Embla NDx, Natus Embla SDx, Xltek Brain Monitor Embla S4500, Embla N7000
1420448* ^s	78" (200cm)	Key connector	1/pkg	Embletta MPR, Natus Embla NDx, Natus Embla SDx, Xltek Brain Monitor Embla S4500, Embla N7000
4140069*	78" (200cm)	1.5mm touchproof	1/pkg	Most systems that accept 1.5mm touchproof connectors
026454	78" (200cm)	1.5mm touchproof	1/pkg	Most systems that accept 1.5mm touchproof connectors

*Not for sale in Canada ^sNot for sale in US



Ultima™ cTherm Cannula Thermistor Airflow Temperature Sensor

- Works well with any cannula
- Excellent thermal airflow and pressure signals with all cannulae
- No prongs to go up the nose
- Connects directly to the headbox



Part Number	Type	Size	Lead Wire Length	Quantity	Compatibility
026452	Oronasal	Adult	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors

Ultima™ cTherm Cannula Thermistor Airflow Temperature Sensor

- Works well with any cannula
- Excellent thermal airflow and pressure signals with all cannulae
- No prongs to go up the nose



Part Number	Type	Size	Lead Wire Length	Quantity	Compatibility
026453	Oronasal	Adult	32" (81cm)	1/pkg	Key connector

SENSORS

Airflow

Ultima™ Reusable Thermistor Airflow Sensor

- Reusable, comfortable design: no prongs to go up the nose
- Reliably and accurately measures adult nasal and oral airflow
- Thermistor design produces a stronger signal than thermocouple technology

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



ThermiSense® Sensor Kits

Kit includes:

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

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

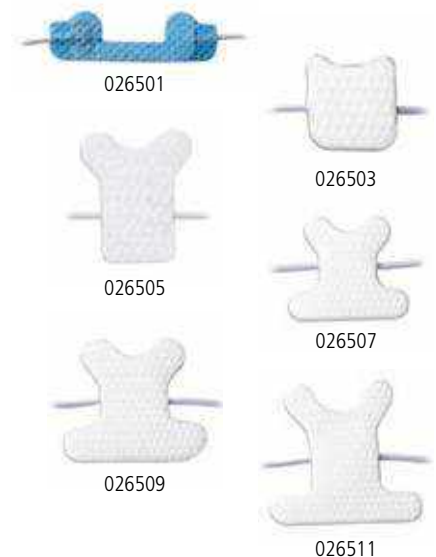


FM2 TriplePlay™ Airflow Disposable Sensors

- Detects subtle changes in the airflow signal often associated with flow limitation and UARS
- PVDF sensor, ABS filtration module
- Fits well under a CPAP mask

Part Number	Type	Size	Quantity	Compatibility
026501*	Single Channel Oral/Nasal	Neonatal	10/pkg	All FM2 TriplePlay Cables below
026502*	Single Channel Oral/Nasal	Neonatal	50/pkg	
026503*	Single Channel Oral/Nasal	Infant	10/pkg	
026504*	Single Channel Oral/Nasal	Infant	50/pkg	
026505*	Single Channel Oral/Nasal	Pediatric	10/pkg	
026506*	Single Channel Oral/Nasal	Pediatric	50/pkg	
026507*	Single Channel Oral/Nasal	Small	10/pkg	
026508*	Single Channel Oral/Nasal	Small	50/pkg	
026509*	Single Channel Oral/Nasal	Medium	10/pkg	
026510*	Single Channel Oral/Nasal	Medium	50/pkg	
026511*	Single Channel Oral/Nasal	Large	10/pkg	
026512*	Single Channel Oral/Nasal	Large	50/pkg	

*Not for sale in Canada



FM2 TriplePlay™ Airflow Disposable Sensor Cables

Part Number	Length	Connectors	Quantity	Compatibility
026499*	60" (1.5m)	1.5mm touchproof connector	1/pkg	Most systems that accept 1.5mm touchproof connectors
026500*	60" (1.5m)	Key connector	1/pkg	Embla systems with key connectors

*Not for sale in Canada



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

*Not for sale in Canada

**Ultima™ Snore Sensor**

- Piezo technology
- Small and light

Part Number	Type	Diameter	Lead Wire Length	Quantity	Compatibility
026458	Snore, Piezo	0.6875" (17mm)	80" (206cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors

AccuSnore Disposable Snore Sensor

- Superior sensitivity from PVDF technology
- Adhesive backing provides for multiple placement locations during testing
- One size fits all

Part Number	Type	Size	Lead Wire Length	Quantity	Compatibility
026486*	Snore, PVDF	Large	24" (61cm)	10/pkg	Most systems that accept 1.5mm touchproof connectors
026487*	Snore, PVDF	Large	24" (61cm)	50/pkg	

*Not for sale in Canada

**AccuSnore Disposable Snore Sensor Reusable Interface Cable**

Part Number	Type	Dimensions	Lead Wire Length	Quantity	Compatibility
026488*	ABS box	1" (2.54cm) x 0.7" (1.8cm) x 0.5" (1.3cm)	48" (122cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors

*Not for sale in Canada



SENSORS

Snore Sensors

Dynamic Microphone Snoring Sensor

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

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

*Not for sale in Canada



Ultima™ Reusable Snore Microphone

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

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



Ultima™ Q-Snor Kit

- Quantitative snoring sound volume meter
- Comes with a Q-Snor microphone (026457)
- Accurately and reliably records decibel sound level intensities between 40 and 100dB
- Provides accurate pre- and post-therapy study comparisons
- Terminates in two 1.5mm touchproof connectors

Part Number	Type	Dimensions	Lead Wire Length	Quantity	Compatibility
026456	Snore, Quantitative Sound Volume Meter	2.5" (6.5cm) x 4.75" (12cm)	84" (210cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors



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

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

*Not for sale in Canada



Ultima™ Dual Pressure Flow/Snore Sensor

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

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



Replacement Cable for Ultima™ Dual Pressure Flow/Snore Sensor

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



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

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

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

*Not for sale in Canada

SENSORS

Pressure Flow/Snore

CPAP Pressure Tubing

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

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



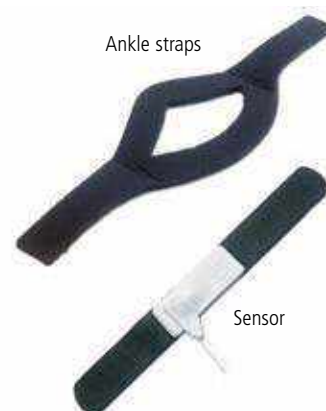
Limb Movement Sensor Kits

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
ACE146*	Limb Movement	78" (200cm)	2 sensors & 2 bands/pkg	Most systems that accept 1.5mm touchproof connectors

*Not for sale in Canada



DID YOU KNOW?

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

SENSORS

Body Position Sensors



DC Body Position Sensor Kits

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

Part Number	Type	Lead Wire Length	Quantity	Compatibility
019-480000*	DC Body Position, Voltage Type	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors
1440011*	DC Body Position, Resistance Type	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors
ACE119*	DC Body Position Type A - 5 DC Levels	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors
1574-KIT*	DC Body Position, Voltage Type	12" (30cm)	1/pkg	Key connector - Grass AURA PSG & AURA PSG LITE
1440021*	DC Body Position, Resistance Type	78" (200cm)	1/pkg	Key connector - Natus Embla NDx, Natus Embla SDx, Embla S4500
019-481300*	DC Body Position, Voltage Type	78" (200cm)	1/pkg	1/8" Male Plug - Grass Comet, Comet-PLUS

*Not for sale in Canada



Ultima™ Body Position Sensor

- Accelerometer-based 5-position sensor
- Easily attaches to effort belt
- Two-year battery life

Part Number	Type	Lead Wire Length	Quantity	Compatibility
026455	DC Body Position	78" (200cm)	1/pkg	Most systems that accept 1.5mm touchproof connectors



Body Positioning Pod, 3D Type

- 3-Dimensional Positioning information
- Provides Activity, Elevation and Body Position
- Attaches to the chest respiratory belt

Part Number	Type	Lead Wire Length	Connector	Quantity	Compatibility
022343	3D	78" (200cm)	5-pin DIN	1/pkg	Natus Embla NDx, Natus Embla SDx, Natus Brain Monitor

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	18" (45.7cm)	1/pkg	Natus Embla NDx, Natus Embla SDx, Embla N7000/S7000, S4000/S4500, titanium; Embletta Gold, PDS
011291	Nonin Xpod Oximeter	18" (45.7cm)	1/pkg	Embletta MPR
842-674200	Nonin Xpod Oximeter	43" (1m) & 10' (3m) extension cable	1/pkg	Nicolet v32



Sensor Clip for Nonin® Xpod®

- Keeps Nonin Flex Sensor firmly connected to Xpod

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



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® Reusable Pulse Oximetry Extension Cables

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



Nonin® PureLight® Reusable Soft Sensors

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

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



SENSORS

Oximetry



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

- Hybrid sensor system is useful in extended monitoring and sleep studies
- Combines convenience of disposable sensor with economy of reusable sensor
- Available in multiple sizes that fit neonates to adults
- Includes a starter pack of 25 disposable FlexiWraps

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

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

Nonin® 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

Nonin® Disposable PureLight® Cloth Sensors

- PureLight® technology and PureSAT® signal processing provide consistent results from patient to patient and sensor to sensor, even with low perfusion
- Ideal for extended monitoring or situations where the risk of cross-contamination is high
- Stretchable cloth material accommodates hard-to-fit patients such as infants and neonates
- Adhesive, tear-resistant cloth is designed for easy and secure placement, as well as frequent repositioning

Part Number	Type	Patient Range	Preferred Application	Cable Length	Quantity	Compatibility
026513	Adult	>66lb (30kg)	Index, middle or ring fingers	3' (1m)	24/box	Nonin oximeter
026514	Pediatric	>22lb (10kg)	Index, middle or ring fingers	3' (1m)	24/box	
026515	Infant	4.4lb-44lb (2kg-20kg)	Fingers or large toe	3' (1m)	24/box	
026516	Neonate/Adult	Neonate: <4.4lb (2kg) Adult: >66lb (30kg)	Foot for neonate; index finger for adult	3' (1m)	24/box	

Nonin® Disposable PureLight® Durafoam Sensors

- Extended-life: average use life of 14 days per patient
- Non-adhesive foam helps maintain skin integrity for patients
- Easy to apply and re-apply for improved efficiency during patient care
- Two unique shapes for adult or pediatric patients – choose the best option for each patient

Part Number	Type	Digit Thickness	Patient Range	Preferred Application	Cable Length	Quantity	Compatibility
026519	Standard (Pediatric to Adult)	0.19"-0.82" (5mm-21mm)	>66lb (30kg)	Index finger	3' (1m)	5/pkg	Nonin oximeter
026520	Small (Pediatric to Adult)	0.19"-0.82" (5mm-21mm)	>66lb (30kg)	Index finger	3' (1m)	5/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 EMU40, Xltek Connex, Xltek Brain Monitor systems
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 2.2lb (1kg)

Part Number	Type	Cable Length	Quantity	Compatibility
008786	LNCS Y-I Reusable Sensor	3' (1m)	1/pkg	Xltek EMU40, Xltek Connex, Xltek Brain Monitor systems
104514	Disposable Standard Wrap	n/a	100/pkg	Y-I Reusable Sensor
104513	Disposable Petite Wrap	n/a	100/pkg	Y-I Reusable Sensor



Masimo Reusable Sensors

- LNCS DBI reusable adult soft sensor with 3' cable

Part Number	Type	Cable Length	Quantity	Compatibility
008777	LNCS reusable sensor, Adult	3' (1m)	1/pkg	Xltek EMU40, Xltek Connex, Xltek Brain Monitor systems



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



CANNULAS



Adult Nasal/Oral Pressure Cannulas

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

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



Adult Nasal Pressure Cannulas

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

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



Infant Nasal Pressure Cannulas

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

Part Number	Type	Distance Between Nares	Supply Tube Length	Quantity	Compatibility
1420040*	Nasal	0.3" (7.6mm)	3' (1m) Tubing terminates in male Luer Lock connector without filter	50/pkg	Most pressure flow/snore sensors with standard Luer Lock connectors

*Not for sale in Canada



Intermediate Infant Nasal Pressure Cannulas

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

Part Number	Type	Distance Between Nares	Supply Tube Length	Quantity	Compatibility
1420030*	Nasal	0.36" (9.1mm)	3' (1m) Tubing terminates in male Luer Lock connector without filter	50/pkg	Most pressure flow/snore sensors with standard Luer Lock connectors

*Not for sale in Canada

CANNULAS

Pediatric Nasal Pressure Cannulas

- For patients one year of age and older
- Disposable

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

*Not for sale in Canada



Adult ThermiSense® Nasal Pressure Cannulas with Filter

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

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



Adult ThermiSense® Nasal Pressure Cannulas

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

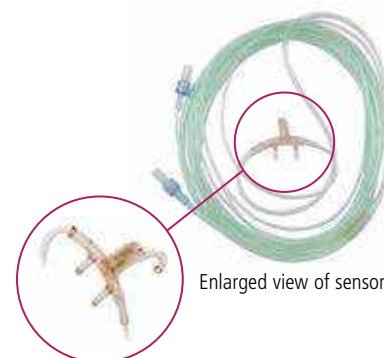
Part Number	Type	Cannula Length	Quantity	Compatibility
1420111	Nasal	7' (2.1m) Tubing terminates in male Luer Lock connector without filter	25/pkg	Adult ThermiSense nasal/oral flow sensors



Adult ThermiSense® Nasal/Oral Pressure & Gas Sampling Cannulas

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

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



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

**Adult ThermiSense® Nasal Pressure & Gas Sampling Cannulas**

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

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

**Hydrophobic Filter Extension Tube**

- Luer Lock connectors

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

**Disposable Cannula Filters**

- Luer Lock connectors

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

*Not for sale in Canada

**Female to Female Luer Lock Adapter**

- Luer Lock connectors

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

*Not for sale in Canada

ANCILLARY SLEEP SUPPLIES

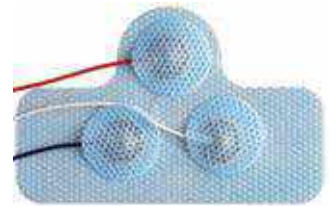
Adhesive Electrodes with Lead Wires Attached

Disposable Adhesive Chin EMG Electrode with Lead Wire Attached

- Consists of three individual surface AgCl electrodes in a 3" (7.6cm) x 2" (5cm) triangle formation
- Uses one electrode as a backup when recording chin muscle activity during sleep studies

Part Number	Lead Length	Quantity	Compatibility
026489*	84" (213cm)	50/pkg	Most systems that accept 1.5mm touchproof connectors

*Not for sale in Canada



Snap Electrodes

Disposable Adhesive Dual Leg EMG Snap Electrode

- Consists of two surface AgCl electrodes in a single 2" (5cm) x 1" (2.54cm) patch
- Ideal for a quick setup to record leg movements during sleep studies

Part Number	Type	Quantity	Compatibility
026498*	Oval with 2 snaps	50/pkg	Most systems that accept 1.5mm touchproof connectors; requires snap leads

*Not for sale in Canada



Disposable Adhesive Center Snap Square Electrode

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

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



Disposable Adhesive Center Snap Round Electrode

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

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



Disposable Center Snap Rectangular Electrode

- Solid gel Ag/AgCl electrodes foam backed, 1.75" x 0.8125", 0.5" recording area

Part Number	Type	Quantity	Compatibility
019-767700	Rectangle Snap	250 electrodes (25 packs of 10)	Most systems that accept 1.5mm touchproof connectors; requires snap leads



ANCILLARY SLEEP SUPPLIES

Snap Electrodes



Disposable Adhesive Offset Snap Round Electrode

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

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



Disposable Adhesive Offset Snap Small Electrode

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

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



Disposable Dual-Surface Electrode

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

Part Number	Type	Quantity	Compatibility
019-429400	Dual EMG	15/pkg	Most systems that accept 1.5mm touchproof connectors; requires snap leads



Disposable Center Snap Round Electrode

- Wet gelled Ag/AgCl vinyl-backed electrode, 1-3/8" diameter, 5/8" recording area

Part Number	Type	Quantity	Compatibility
842-507900	Round Snap	10/pkg	Most systems that accept 1.5mm touchproof connectors; requires snap leads

Snap Leads



Reusable Snap Lead Set

- Color-coded (blue, gray, 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 systems that accept 1.5mm touchproof connectors
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, gray) 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" (1.5m)	1 pair/pkg	Most systems that accept 1.5mm touchproof connectors

ANCILLARY SLEEP SUPPLIES

Snap Leads

Reusable Snap Lead Pairs

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

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



Reusable Snap Lead Pairs

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

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



Reusable Snap Lead Pairs

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

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



Reusable Snap Lead, Ground

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

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



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	



ANCILLARY SLEEP SUPPLIES

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	Most 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

Adapters



1.5mm to Key Adapter

- Converts 1.5mm touchproof connectors to a male key connector
- Options for adapting either female or male 1.5mm touchproof connectors
- Adaptors are used with RIP belts and other PSG sensors

Part Number	Description	Length	Quantity	Compatibility
1451056*	Two 1.5mm male touchproof connectors to male key adapter	6" (15cm)	1/pkg	Most PSG systems
026459	Two 1.5mm female touchproof connectors to male key connector	19" (48cm)	1/pkg	

*Not for sale in Canada



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

ELECTRODE CREAMS, PASTES, GELS



Grass® EC2+® Electrode Cream

- Hardens and holds electrodes securely in place even during LTM for consistently clear signals
- Sets quickly to maintain electrode position
- Isotonic formula is gentle on the skin
- Remove by softening with a wet cloth. No harsh solvents required

Part Number	Type	Size	Quantity
EC2+*	Electroconductive Cream	3.5oz (100g) tube	10/box

*Not for sale in US & Canada



Ten20® Conductive Paste

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

Part Number	Type	Size	Quantity
026525	Ten20 Electrode Paste	Single-Use Cups 0.5oz (15g)	24/pkg
024066	Ten20 Electrode Paste	2oz (50g) jar	3/pkg
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



Grass® EC3® Conductive Adhesive Gel

- Conductive immediately – no waiting period
- Water soluble; easily removable; non-staining
- Non-flammable; no solvent odor or fumes
- Eliminates tape and tape irritation
- Bacteriostatic

Part Number	Type	Size	Quantity
EC3	Conductive Adhesive Gel	1.76oz (50g) tube	12/box



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
026040	Tensive Conductive Adhesive Gel	1.76oz (50g) tube	12/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

ELECTRODE CREAMS, PASTES, GELS

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



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



Lectron® II Conductivity Gel

- Chloride free, hypoallergenic and water soluble

Part Number	Type	Size	Quantity
109328	Lectron II Conductivity Gel	8.45oz (240g) 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



GEL WARMER

Thermasonic® Gel Warmer

Ultimate patient comfort

The Thermasonic Gel Warmer evenly warms ultrasound gel to body temperature for comfortable application during obstetric and vascular Doppler examinations. The multi-bottle gel warmer with LCD display is a durable unit suitable for wall mounting or countertop use.

- Suitable for warming up to three 8.5oz (0.25l) bottles of gel or single use gel packs
- Powerful heating element uniformly heats bottles of gel
- Microprocessor control maintains constant temperature
- "Thermal cutoff" provides protection from overheating
- Hospital-grade plug and power cord
- High density, impact-resistant composite
- Adjustable temperature setting from 97°–109°F (36°–43°C) in 1° increments
- Illuminated power ON/OFF switch
- Low electrical demand
- LCD screen to display temperature

Part Number	Description	Dimensions	Weight	Quantity
222-515500	Gel Warmer, 110V	8.5" (22cm) x 4.5" (11cm) x 7.25" (18cm)	4lb (1.8kg)	1/pkg
222-515600	Gel Warmer, 220V	8.5" (22cm) x 4.5" (11cm) x 7.25" (18cm)	4lb (1.8kg)	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
024065	NuPrep Skin Prep	1oz (25g) tube	6/pkg
122-736100	NuPrep Skin Prep	4oz (114g) tube	3/pkg

**LemonPrep™ Abrasive Skin Prepping Lotion**

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

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

**Waveprep® Mildly Abrasive Skin Prep**

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

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



*US only

**Electrode Prep Pads & Alcohol Pads**

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

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

*Not for sale in Europe

016-703200

**Uni-Patch™ Pre-TENS Skin Prep Wipes**

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

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



*US only

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

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

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

ANCILLARY APPLICATION SUPPLIES

3M™ Surgical Tapes & Wraps

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



Part Number	Type	Width	Length	Quantity
123-402000	3M Coban Self-Adherent Wrap	3" (5cm)	15' (4.5m) roll	24/pkg
123-723900	3M Micropore Surgical Tape	1" (2.5cm)	30' (9m) roll	12/pkg
101917	3M Transpore Surgical Tape	1" (2.5cm)	30' (9m) roll	12/pkg
AT15	3M Blenderm Surgical Tape	1" (2.5cm)	15' (4.5m) roll	12/pkg



DID YOU KNOW?

The brain of a human contains approximately one hundred billion neurons

ANCILLARY APPLICATION SUPPLIES



Dermacea® Stretch Bandage Rolls

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

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



103825

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



Cotton-Tipped Applicators/Swabs

- Ideal for electrode site preparation

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

ELECTRODE PLACEMENT



EM1, EM2, EM3

270-40100

103035

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	10/pkg



101432XL

EDAID2

Measurement Tapes

- Easy to read

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

CLEANERS – US ONLY

Zymit® Enzyme Cleaner

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

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



*US only

**Protex™ ULTRA Disinfectant Wipes**

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

Part Number	Type	Quantity
019-473000*	Protex ULTRA Disinfectant Wipes, Softpack	60 wipes/pkg
017125*	Protex ULTRA Disinfectant Wipes, Canister	8 canisters; 75 wipes/canister



*US only

**DID YOU KNOW?**

During the mummification process, Egyptians would usually remove the brains through the nose



An online portal dedicated to educational programs and resources to support the use and optimization of Natus products.



The Neuro Training Academy is the Natus education, information & networking platform for neurologists and neuro healthcare providers & practitioners around the world.

Membership is free and open to all. Stay up to date with product tips & tricks, clinical news, and white papers in the online resource library, and optimize use of your Natus device with our online videos and eSeminars.

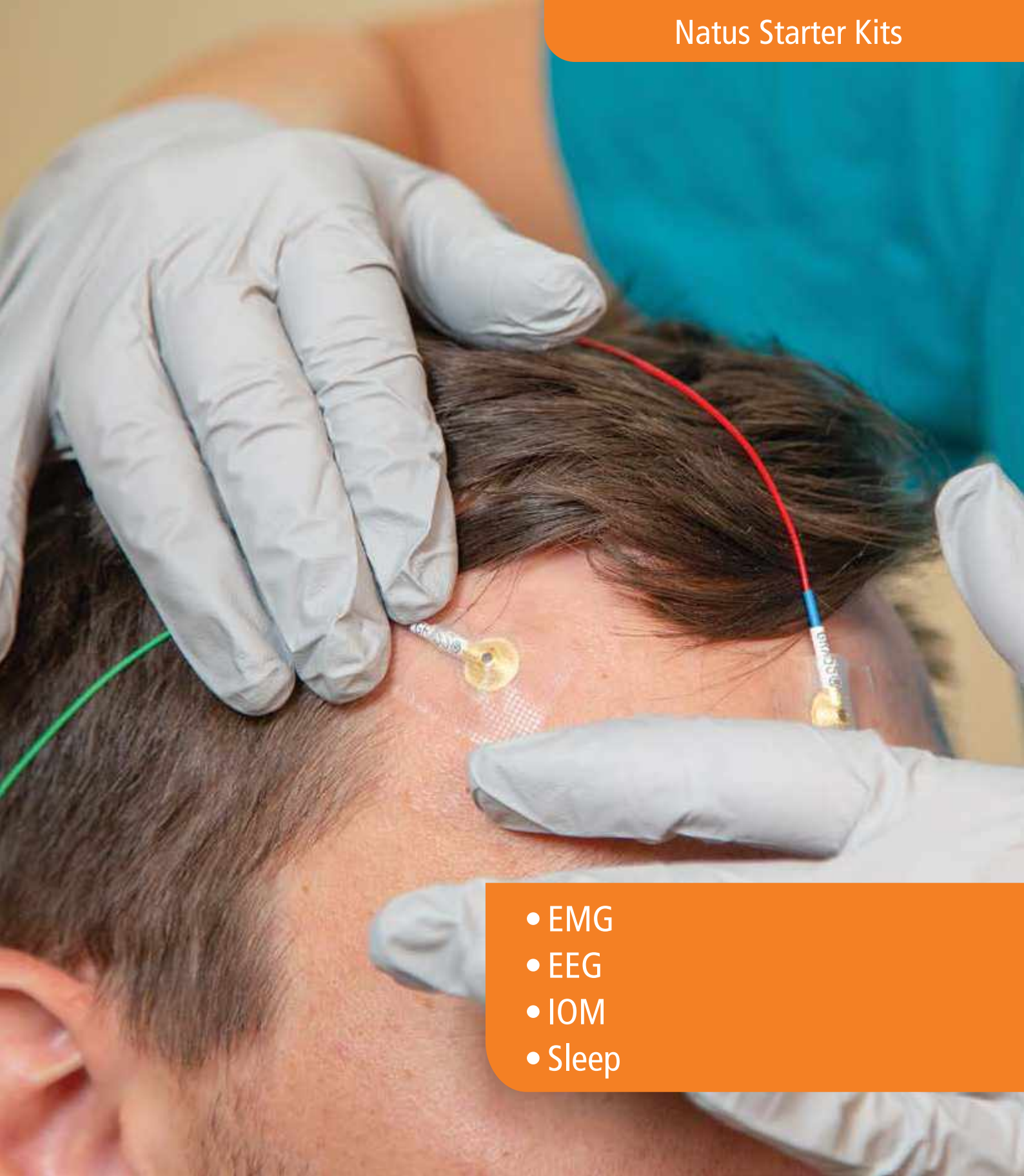
Key opinion leaders and Natus specialists conduct in-person system trainings at Natus and customer sites. Our clinical seminars – managed in partnership with medical societies – are a convenient way of maintaining professional accreditation.

Members also get the chance to talk with experts in their field during workshops at international congresses and industry events across the globe.

Interested? Browse the academy website at neuro-training.academy for more details.

Join Today!



- 
- EMG
 - EEG
 - IOM
 - Sleep

EMG SUPPLIES STARTER KITS

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

9013S0164 - EMG/NCS Supplies Starter Kit for Dantec System		Quantity
9013S0032	Dantec DCN Disposable Concentric Needle Electrodes, Blue, 1.5" (37mm) length, 0.46mm (26G), 1/pouch – 25/box	1
9013S0012	Dantec DCN Disposable Concentric Needle Electrodes, Orange, 1" (25mm) length, 0.30mm (30G), 1/pouch – 25/box	1
9013C0014	Dantec DCN Electrodes Needle Holder (Cable), 59" (1.5m), 5-pin DIN, 1/pkg	1
027786	Ultra Disposable Scalp Needle Electrode, 0.4" (10mm) length, 0.30mm (30G) diameter, 0.7mm male touchproof, 40/pkg	1
9013L0362	Handheld Felt Pad Stimulating Electrode, 79" (2m), 5-pin DIN, 1/pkg	1
9013S0302	Reusable Digital Ring Electrode, 39" (1m), 5-pin DIN, 1/pkg	1
101169	Disposable Nutab Adhesive Electrodes, 10 sheets of 10 electrodes	1
9013C0232	HUSH Alligator-Clip Cable, 3 color-coded clips, 39" (1m), 5-pin DIN, 1/pkg	1
019-477600	Grass Reusable "Tangle Free" 10mm Gold EEG Stamped Cup Electrodes, 79" (2.0m), 12/pkg	1
1451020	3" Reusable Stackable Jumper/Linker Cables, 3" (8cm), 4/pkg	1
9013S0735	Reusable Ground Strap Electrode, 7" (18.5cm) Velcro strap length, 0.8" (20mm) width, 59" (1.5 m), 1/pkg	1
101917	3M Transpore Surgical Tape, 1" (2.5cm) width, 30' (9m) roll, 12/pkg	1
102340XL	SignaGel Electrode Gel, 8.5oz (250g) tube, 1/pkg	1
016-703700	Ten20 Conductive Paste, 8oz (228g) jar, 3/pkg	1
122-736100	NuPrep Skin Prep Gel, 4oz (114g) tube, 3/pkg	1
101432XL	Natus Retractable Measurement Tape, inches & centimeters, 1/pkg	1

9013S0182 - EMG Supplies Starter Kit for Dantec Clavis		Quantity
9013S0452	Bo-ject DHN Disposable Hypodermic Needle Electrodes, Gray, 2" (50mm) length, 0.46mm (26G) diameter, 35.5" (90cm), 1/pouch – 10/pack	1
9013S0442	Bo-ject DHN Disposable Hypodermic Needle Electrodes, Light Blue, 1.5" (37mm) length, 0.41mm (27G) diameter, 35.5" (90cm), 1/pouch – 10/pack	1
454030	Disposable Pre-Gelled Surface Electrodes, 47.2" (1.2m), 12/pkg	1

EEG SUPPLIES STARTER KITS

018614 - Routine EEG Supplies Starter Kit		Quantity
F-E5GH-48	Genuine Grass Reusable 10mm Gold Cup Electrodes, 48" (122cm) wire, 10/box	3
026040	Ten20 Conductive Paste, 4oz (114g) jar, 3/pkg	1
122-736100	NuPrep Skin Prep Gel, 4oz (114g) tube, 3/pkg	1
EM1	Sharpie Peel-Off China Electrode Placement Markers, Red, 12/pkg	1
101432XL	Natus Retractable Measurement Tape, inches & centimeters, 1/pkg	1
016-400800	Sterile Gauze Pads, 3" (7.6cm) square, 2/pouch, 50 pouches/pkg	1
102107	Cotton-tipped Applicator/Swab, 6" (15.2cm) wooden stick, 100/pkg	1
105808	Electrode Claw, 1/pkg	1
017517	Dermacea Stretch Bandage Rolls, Adult, 4" (10.2cm) wide, 12' (3.7m) roll, 12/pkg	1
020002	Dermacea Stretch Bandage Rolls, Pediatric, 3" (7.6cm) wide, 12' (3.7m) roll, 12/pkg	1

018615 - EEG ICU Supplies Starter Kit		Quantity
F-E5GH-48	Genuine Grass Reusable 10mm Gold Cup Electrodes, 48" (122cm) wire, 10/box	2
019-477200	Grass Disposable 10mm Ag/AgCl Cup Electrodes, 39" (1m) wire, 10/pkg	2
026040	Ten20 Conductive Paste, 4oz (114g) jar, 3/pkg	1
122-736100	NuPrep Skin Prep Gel, 4oz (114g) tube, 3/pkg	1
EC3	Grass EC3 Conductive Adhesive Gel, 1.76oz (50g) tube, 12/pkg	1
EM1	Sharpie Peel-Off China Electrode Placement Markers, Red, 12/pkg	1
101432XL	Natus Retractable Measurement Tape, inches & centimeters, 1/pkg	1
016-400800	Sterile Gauze Pads, 3" (7.6cm) square, 2/pouch, 50 pouches/pkg	1
102107	Cotton-tipped Applicator/Swab, 6" (15.2cm) wooden stick, 100/pkg	1
105808	Electrode Claw, 1/pkg	1
017517	Dermacea Stretch Bandage Rolls, Adult, 4" (10.2cm) wide, 12' (3.7m) roll, 12/pkg	1
020002	Dermacea Stretch Bandage Rolls, Pediatric, 3" (7.6cm) wide, 12' (3.7m) roll, 12/pkg	1

018616 - EEG Ambulatory/LTM Supplies Starter Kit		Quantity
F-E5GH-60	Genuine Grass Reusable 10mm Gold Cup Electrodes, 60" (152cm) wire, 10/box	2
EC3	Grass EC3 Conductive Adhesive Gel, 1.76oz (50g) tube, 12/pkg	1
026040	Ten20 Conductive Paste, 4oz (114g) jar, 3/pkg	1
122-736100	NuPrep Skin Prep Gel, 4oz (114g) tube, 3/pkg	1
EM1	Sharpie Peel-Off China Electrode Placement Markers, Red, 12/pkg	1
101432XL	Natus Retractable Measurement Tape, inches & centimeters, 1/pkg	1
102107	Cotton-tipped Applicator/Swab, 6" (15.2cm) wooden stick, 100/pkg	1
105808	Electrode Claw, 1/pkg	1
017517	Dermacea Stretch Bandage Rolls, Adult, 4" (10.2cm) wide, 12' (3.7m) roll, 12/pkg	1
020002	Dermacea Stretch Bandage Rolls, Pediatric, 3" (7.6cm) wide, 12' (3.7m) roll, 12/pkg	1

IOM SUPPLIES STARTER KIT

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

SLEEP SUPPLIES STARTER KITS

024252 - Sleep Supplies Starter Kit with Single Use XactTrace for Embla Dx Series Amplifiers		Quantity
011518	XactTrace Pre-sized, Single Use, RIP Belts, Medium, 20/box (10 packs of 2)	1
013224	XactTrace Reusable Snap Sensors, Abdomen, 78" (200cm), yellow 2-pin key, 1/pkg	1
013225	XactTrace Reusable Snap Sensors, Thorax, 78" (200cm), blue 2-pin key, 1/pkg	1
1420605	Snoring sensor, piezoelectric, 78" (200cm), key connector, 1/pkg	1
500101	ThermoCan Interface Cable, 78" (200cm), key connector 1/pkg	1
500104	ThermoCan Thermal Cannula, Adult, 7' (214cm), 50/pkg	1
222-490300	Nonin reusable pulse oximetry extension cable, 9'8" (3m)	1
023147	Grass Disposable EEG Deep Cup Electrodes, 59" (1.5m), 10/pkg	6
023149	Grass Disposable EEG Deep Cup Electrodes, 98" (2.5m), 10/pkg	3
019-424500	Reusable Snap Leads, 60" (1.5m) wire, 1 pair/pkg	9
019-419300	Reusable Snap Leads, 118" (3m) wire, 5/pkg	2
EC3	Grass EC3 Conductive Adhesive Gel, 1.76oz (50g) tube, 12/pkg	1
1411003	Ten20 conductive paste, 4oz j (114g) jar, 3/pkg	1
122-736100	NuPrep skin prep, 4oz (116g) tube, 3/pkg	1
1410505	Disposable Ag/AgCl Electrodes, Offset Snap Wet Gel, 1.9" (48mm) diameter, 25/pkg	1
1420013	Nasal Cannula, Adult, 71" (181cm), 50/pkg	1
103825	Non-sterile Gauze Pads, 2" (5.1cm) square, 200/pkg	1
101432XL	Natus Retractable Measurement Tape, inches & centimeters, 1/pkg	1
EM3	Sharpie Peel-Off China Electrode Placement Markers, Blue, 12/pkg	1

024253 - Sleep Supplies Starter Kit with Reusable XactTrace for Embla Dx Series Amplifiers		Quantity
1421038	XactTrace Reusable RIP Belt, Medium, Thorax, 78" (200cm) cable, blue, 2-pin key, 1/pkg	1
1421039	XactTrace Reusable RIP Belt, Medium, Abdomen, 78" (200cm) cable, yellow, 2-pin key, 1/pkg	1
1420435	Thermistor airflow sensor, single channel oral/nasal, 78" (200cm), key connector, 1/pkg	1
1420605	Snoring sensor, piezoelectric, 78" (200cm), key connector, 1/pkg	1
F-E5GH-60	Genuine Grass 10mm Gold Cup Electrodes, 60" (1.52m), 10/pkg	2
F-E5GH-96	Genuine Grass 10mm Gold Cup Electrodes, 96" (2.44m), 10/pkg	1
019-424500	Reusable Snap Leads, 60" (1.5m) wire, 1 pair/pkg	9
019-419300	Reusable Snap Leads, 118" (3m) wire, 5/pkg	2
EC3	Grass EC3 Conductive Adhesive Gel, 1.76oz (50g) tube, 12/pkg	1
1411003	Ten20 conductive paste, 4oz j (114g) jar, 3/pkg	1
122-736100	NuPrep skin prep, 4oz (116g) tube, 3/pkg	1
1410505	Disposable Ag/AgCl Electrodes, Offset Snap Wet Gel, 1.9" (48mm) diameter, 25/pkg	1
1420013	Nasal Cannula, Adult, 71" (181cm), 50/pkg	1
103825	Non-sterile Gauze Pads, 2" (5.1cm) square, 200/pkg	1
101432XL	Natus Retractable Measurement Tape, inches & centimeters, 1/pkg	1
EM3	Sharpie Peel-Off China Electrode Placement Markers, Blue, 12/pkg	1

024385 - Sleep Supplies Starter Kit, Essentials Edition, for Embla Dx Series Amplifiers		Quantity
011518	XactTrace Pre-sized, Single Use, RIP Belts, Medium, 20/box (10 packs of 2)	1
013224	XactTrace Reusable Snap Sensors, Abdomen, 78" (200cm), yellow 2-pin key, 1/pkg	1
013225	XactTrace Reusable Snap Sensors, Thorax, 78" (200cm), blue 2-pin key, 1/pkg	1
1420605	Snoring sensor, piezoelectric, 78" (200cm), key connector, 1/pkg	1
500101	ThermoCan Interface Cable, 78" (200cm), key connector, 1/pkg	1
500104	ThermoCan Thermal Cannula, Adult, 7' (214cm), 50/pkg	1

SLEEP SUPPLIES STARTER KITS

018617 - Sleep Supplies Starter Kit for Embla S4000/S4500 Systems		Quantity
F-E5GH-60	Genuine Grass Reusable 10mm Gold Cup Electrodes, 60" (152cm) wire, 10/box	2
1410505	Disposable Ag/AgCl Electrodes, Offset Snap Wet Gel, 1.9" (48mm) diameter, 25/pkg	1
444010	Disposable Ag/AgCl Electrodes, Adhesive Center Snap, 7/8" (22.2mm) square, 30/pkg	3
019-424500	Reusable Snap Leads, 60" (1.5m) wire, 1 pair/pkg	9
019-419300	Reusable Snap Leads, 118" (3m) wire, 5/pkg	2
EC3	Grass EC3 Conductive Adhesive Gel, 1.76oz (50g) tube, 12/pkg	1
1411003	Ten20 Conductive Paste, 4oz (114g) jar, 3/pkg	1
122-736100	NuPrep Skin Prep Gel, 4oz (114g) tube, 3/pkg	1
101432XL	Natus Retractable Measurement Tape, inches & centimeters, 1/pkg	1
103825	Non-sterile Gauze Pads, 2" (5.1cm) square, 200/pkg	1
102107	Cotton-tipped Applicator/Swab, 6" (15.2cm) wooden stick, 100/pkg	1
EM3	Sharpie Peel-Off China Electrode Placement Markers, Blue, 12/pkg	1
1420435*	Single Channel Oral/Nasal Thermistor, Adult, 78" (200cm), Embla/key connectors, 1/pkg	1
1420605*	Piezo Snore Sensor, 78" (200cm), Embla/key connectors, 1/pkg	1
1420013	Nasal Cannula, Adult, 71" (181cm), 50/pkg	1
011518	XactTrace Pre-sized, Single Use, RIP Belts, Medium, 20/box (10 packs of 2)	1
013224	XactTrace Reusable Snap Sensors, Abdomen, 78" (200cm), yellow 2-pin key, 1/pkg	1
013225	XactTrace Reusable Snap Sensors, Thorax, 78" (200cm), blue 2-pin key, 1/pkg	1
1431002	Nonin PureLight Reusable FlexSensor, Adult, 9.3' (3m), 1/pkg	1
1431500	Nonin Disposable FlexiWrap Adhesive Sensors, Adult, 25/pkg	1
1420117	CPAP Pressure Tube, 23.6" (60cm), 1/pkg	1

021822 - Sleep Supplies Starter Kit with Reusable XactTrace for Embla S4000/S4500		Quantity
F-E5GH-60	Genuine Grass Reusable 10mm Gold Cup Electrodes, 60" (152cm) wire, 10/box	2
1410505	Disposable Ag/AgCl Electrodes, Offset Snap Wet Gel, 1.9" (48mm) diameter, 25/pkg	1
444010	Disposable Ag/AgCl Electrodes, Adhesive Center Snap, 7/8" (22.2mm) square, 30/pkg	1
019-424500	Reusable Snap Leads, 60" (1.5m) wire, 1 pair/pkg	9
019-419300	Reusable Snap Leads, 118" (3m) wire, 5/pkg	2
EC3	Grass EC3 Conductive Adhesive Gel, 1.76oz (50g) tube, 12/pkg	1
1411003	Ten20 Conductive Paste, 4oz (114g) jar, 3/pkg	1
122-736100	NuPrep Skin Prep Gel, 4oz (114g) tube, 3/pkg	1
101432XL	Natus Retractable Measurement Tape, inches & centimeters, 1/pkg	1
103825	Non-sterile Gauze Pads, 2" (5.1cm) square, 200/pkg	1
102107	Cotton-tipped Applicator/Swab, 6" (15.2cm) wooden stick, 100/pkg	1
EM3	Sharpie Peel-Off China Electrode Placement Markers, Blue, 12/pkg	1
1420435*	Single Channel Oral/Nasal Thermistor, Adult, 78" (200cm), Embla/key connectors, 1/pkg	1
1420605*	Piezo Snore Sensor, 78" (200cm), Embla/key connectors, 1/pkg	1
1420013	Nasal Cannula, Adult, 71" (181cm), 50/pkg	1
1421038	XactTrace Reusable Belt, Medium Thorax, 78" (2m) cable length, Embla/key connectors, 1/pkg	1
1421039	XactTrace Reusable Belt, Medium Abdomen, 78" (2m) cable length, Embla/key connectors, 1/pkg	1
1431002	Nonin PureLight Reusable FlexSensor, Adult, 9.3' (3 m), 1/pkg	1
1431500	Nonin Disposable FlexiWrap Adhesive Sensors, Adult, 25/pkg	1
1420117	CPAP Pressure Tube, 23.6" (60cm), 1/pkg	1

018618 - Sleep Supplies Starter Kit for Embla N7000 System		Quantity
F-E5GH-60	Genuine Grass Reusable 10mm Gold Cup Electrodes, 60" (152cm) wire, 10/box	3
1410505	Disposable Ag/AgCl Electrodes, Offset Snap Wet Gel, 1.9" (48mm) diameter, 25/pkg	5
444010	Disposable Ag/AgCl Electrodes, Adhesive Center Snap, 7/8" (22.2mm) square, 30/pkg	5
019-424500	Reusable Snap Leads, 60" (1.5m) wire, 1 pair/pkg	3
1411530	Reusable Snap Lead Pairs, White, 120" (3m), 2/pkg	1
1411535	Reusable Snap Lead Pairs, Black, 120" (3m), 2/pkg	1
1411524	Reusable Snap Lead Pairs, Orange, 78" (2m), 2/pkg	1
EC3	Grass EC3 Conductive Adhesive Gel, 1.76oz (50g) tube, 12/pkg	1
1411003	Ten20 Conductive Paste, 4oz (114g) jar, 3/pkg	1
122-736100	NuPrep Skin Prep Gel, 4oz (114g) tube, 3/pkg	1
101432XL	Natus Retractable Measurement Tape, inches & centimeters, 1/pkg	1
103825	Non-sterile Gauze Pads, 2" (5.1cm) square, 200/pkg	1
102107	Cotton-tipped Applicator/Swab, 6" (15.2cm) wooden stick, 100/pkg	1
EM3	Sharpie Peel-Off China Electrode Placement Markers, Blue, 12/pkg	1
1420430*	Single Channel Oral/Nasal Thermistor Airflow Sensor, Adult, 38" (96cm) Embla/key connectors, 1/pkg	1
1420600*	Piezo Snore Sensor, 23.5" (60cm), Embla/key connectors, 1/pkg	1
1420002	Nasal Cannula, Adult, 15" (38cm), 50/pkg	1
011518	XactTrace Pre-sized, Single Use, RIP Belts, Medium, 20/box (10 packs of 2)	1
011521	XactTrace Reusable Snap Sensors, Abdomen, 26" (66cm), yellow 2-pin key, 1/pkg	1
011522	XactTrace Reusable Snap Sensors, Thorax, 26" (66cm), blue 2-pin key, 1/pkg	1
1420116	CPAP Pressure Tube, 23.6" (60cm), 1/pkg	1
1431000	Nonin PureLight Reusable FlexSensor, Adult, 3' (1m), 1/pkg	1
1431500	Nonin Disposable FlexiWrap Adhesive Sensors, Adult, 25/pkg	1

021823 - Sleep Supplies Starter Kit with Reusable XactTrace for Embla N7000		Quantity
F-E5GH-60	Genuine Grass Reusable 10mm Gold Cup Electrodes, 60" (152cm) wire, 10/box	3
1410505	Disposable Ag/AgCl Electrodes, Offset Snap Wet Gel, 1.9" (48mm) diameter, 25/pkg	5
444010	Disposable Ag/AgCl Electrodes, Adhesive Center Snap, 7/8" (22.2mm) square, 30/pkg	1
019-424500	Reusable Snap Leads, 60" (1.5m) wire, 1 pair/pkg	3
1411524	Reusable Snap Lead Pairs, Orange, 78" (2m), 2/pkg	1
1411530	Reusable Snap Lead Pairs, White, 120" (3m), 2/pkg	1
1411535	Reusable Snap Lead Pairs, Black, 120" (3m), 2/pkg	1
EC3	Grass EC3 Conductive Adhesive Gel, 1.76oz (50g) tube, 12/pkg	1
1411003	Ten20 Conductive Paste, 4oz (114g) jar, 3/pkg	1
122-736100	NuPrep Skin Prep Gel, 4oz (114g) tube, 3/pkg	1
101432XL	Natus Retractable Measurement Tape, inches & centimeters, 1/pkg	1
103825	Non-sterile Gauze Pads, 2" (5.1cm) square, 200/pkg	1
102107	Cotton-tipped Applicator/Swab, 6" (15.2cm) wooden stick, 100/pkg	1
EM3	Sharpie Peel-Off China Electrode Placement Markers, Blue, 12/pkg	1
1420430*	Single Channel Oral/Nasal Thermistor Airflow Sensor, Adult, 38" (96cm) Embla/key connectors, 1/pkg	1
1420600*	Piezo Snore Sensor, 23.5" (60cm), Embla/key connectors, 1/pkg	1
1420002	Nasal Cannula, Adult, 15" (38cm), 50/pkg	1
1421035	XactTrace Reusable Belt, Medium Thorax, 15.7" (40cm), cable length, Embla/key connectors, 1/pkg	1
1421034	XactTrace Reusable Belt, Medium Abdomen, 27.5" (70cm), cable length, Embla/key connectors, 1/pkg	1
1420116	CPAP Pressure Tube, 23.6" (60cm), 1/pkg	1
1431000	Nonin PureLight Reusable FlexSensor, Adult, 3' (1m), 1/pkg	1
1431500	Nonin Disposable FlexiWrap Adhesive Sensors, Adult, 25/pkg	1

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SLEEP SUPPLIES STARTER KITS

018619 - Sleep Supplies Starter Kit for Non-Embla Systems		Quantity
F-E5GH-60	Genuine Grass Reusable 10mm Gold Cup Electrodes, 60" (152cm) wire, 10/box	3
1410500	Disposable Ag/AgCl Electrodes, Adhesive Center Snap Dry Gel, 1-7/8" (48mm) circular, 30/pkg	1
444010	Disposable Ag/AgCl Electrodes, Adhesive Center Snap, 7/8" (22.2mm) square, 30/pkg	3
019-424500	Reusable Snap Leads, 60" (1.5m) wire, 1 pair/pkg	9
019-419300	Reusable Snap Leads, 118" (3m) wire, 5/pkg	2
EC3	Grass EC3 Conductive Adhesive Gel, 1.76oz (50g) tube, 12/pkg	1
1411003	Ten20 Conductive Paste, 4oz (114g) jar, 3/pkg	1
122-736100	NuPrep Skin Prep Gel, 4oz (114g) tube, 3/pkg	1
101432XL	Natus Retractable Measurement Tape, inches & centimeters, 1/pkg	1
103825	Non-sterile Gauze Pads, 2" (5.1cm) square, 200/pkg	1
102107	Cotton-tipped Applicator/Swab, 6" (15.2cm) wooden stick, 100/pkg	1
EM3	Sharpie Peel-Off China Electrode Placement Markers, Blue, 12/pkg	1
1401G-H*	Single Channel Oral/Nasal Thermocouple Airflow Sensor for Cannula, Adult, 78" (200cm), 1.5mm touchproof connectors	1
1420610*	Piezoelectric Snore Sensor, 78" (200cm), 1.5mm touchproof connectors, 1/pkg	1
4140094*	AC Pressure Flow/Snore Sensor, 8" (20.3cm), 1.5mm touchproof connectors, 1/pkg	1
1420013	Nasal Cannula, Adult, 71" (181cm), 50/pkg	1
011518	XactTrace Pre-sized, Single Use, RIP Belts, Medium, 20/box (10 packs of 2)	1
011521	XactTrace Snap Sensor, Abdomen, 26" (66cm), yellow 2-pin connectors, 1/pkg	1
011522	XactTrace Snap Sensor, Thorax, 16" (41cm), blue 2-pin connectors, 1/pkg	1
1421048*	XactTrace RIP Processor Sensor, Abdomen, 78" (200cm), 1.5mm touchproof connectors, 1/pkg	1
1421047*	XactTrace RIP Processor Sensor, Thorax, 78" (200cm), 1.5mm touchproof connectors, 1/pkg	1
1420117	CPAP Pressure Tube, 23.6" (60cm), 1/pkg	1

021825 - Sleep Supplies Starter Kit with Reusable XactTrace for Non-Embla Systems		Quantity
F-E5GH-60	Genuine Grass Reusable 10mm Gold Cup Electrodes, 60" (152cm) wire, 10/box	3
1410505	Disposable Ag/AgCl Electrodes, Offset Snap Wet Gel, 1.9" (48mm) diameter, 25/pkg	2
444010	Disposable Ag/AgCl Electrodes, Adhesive Center Snap, 7/8" (22.2mm) square, 30/pkg	2
019-424500	Reusable Snap Leads, 60" (1.5m) wire, 1 pair/pkg	9
019-419300	Reusable Snap Leads, 118" (3m) wire, 5/pkg	2
EC3	Grass EC3 Conductive Adhesive Gel, 1.76oz (50g) tube, 12/pkg	1
1411003	Ten20 Conductive Paste, 4oz (114g) jar, 3/pkg	1
122-736100	NuPrep Skin Prep Gel, 4oz (114g) tube, 3/pkg	1
101432XL	Natus Retractable Measurement Tape, inches & centimeters, 1/pkg	1
103825	Non-sterile Gauze Pads, 2" (5.1cm) square, 200/pkg	1
102107	Cotton-tipped Applicator/Swab, 6" (15.2cm) wooden stick, 100/pkg	1
EM3	Sharpie Peel-Off China Electrode Placement Markers, Blue, 12/pkg	1
1401G-H*	Single Channel Oral/Nasal Thermocouple Airflow Sensor for Cannula, Adult, 78" (200cm), 1.5mm touchproof connectors	1
1420610*	Piezoelectric Snore Sensor, 78" (200cm), 1.5mm touchproof connectors, 1/pkg	1
4140094*	AC Pressure Flow/Snore Sensor, 8" (20.3cm), 1.5mm touchproof connectors, 1/pkg	1
1420013	Nasal Cannula, Adult, 71" (181cm), 50/pkg	1
1421091	XactTrace Universal Kit - Complete, 1.5mm touch proof connectors, 1/pkg	1
1420117	CPAP Pressure Tube, 23.6" (60cm), 1/pkg	1

012643 - Sleep Supplies Starter Kit for Embletta MPR ST+ Proxy		Quantity
019-417600	Reusable Tangle Free 10mm Ag/AgCl Cup Electrodes, 39" (1.0m) wire, 12/pkg	2
1410500	Disposable Ag/AgCl Electrodes, Adhesive Center Snap Dry Gel, 1-7/8" (48mm) circular, 30/pkg	2
019-419100	Reusable Snap Leads 39" (1m) wire, 5/pkg	2
1411541	Reusable Snap Leads, 24" (0.6m), Red, 1/pkg	1
1411542	Reusable Snap Leads, 29.5" (0.75m), Black, 1/pkg	1
1411548	Reusable Snap Leads, 24" (0.6m), Green, 1/pkg	1
122-736100	NuPrep Skin Prep Gel, 4oz (114g) tube, 1/pkg	1
EM3	Sharpie Peel-Off China Electrode Placement Markers, Blue, 12/pkg	1
101432XL	Natus Retractable Measurement Tape, inches & centimeters, 1/pkg	1
103825	Non-sterile Gauze Pads, 2" (5.1cm) square, 200/pkg	1
016-703000	Alcohol Pads, 1.25" (3.18cm) x 2.5" (6.35cm), 200/pkg	1
102107	Cotton-tipped Applicator/Swab, 6" (15.2cm) wooden stick, 100/pkg	1
123-723900	3M Micropore Surgical Tape, 1" (2.5cm) wide, 30' (9m) roll, 12/pkg	1

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1700-9605	Disposable Foam Ear Tips, 10mm	29
1700-9604	Disposable Foam Ear Tips, 13mm	29
103342	Disposable Foam Ear Tips, 18mm	29
019-746802	Gold TIPtrode, 10mm	29
019-741901	Gold TIPtrode, 13mm	29
9031E0277	Left & Right Tubal Insert Phones (TIPs), Dantec	28
1700-9686	Nubbies for Replacement Tubes	29
019-411200	Replacement Clear Silicone Tubes	29
842-507300	Replacement Ear Tips, 3.5mm	29
842-507400	Replacement Ear Tips, 4.0mm	29
842-507500	Replacement Ear Tips, 5.0mm	29
019-428400	Replacement Impedance Adapter Tip	29
1700-9688	Replacement Red/Blue Silicone Tubes	29
085-746400	Replacement TIPs Cable, Nicolet	28
085-415000	TIPtrode Cable, 250mm	29
041-704000	Tubal Insert Phones (TIPs) Kit, Nicolet	28
005562	Tubal Insert Phones (TIPs) Kit, Protektor32	28
ULTRASOUND MONITORING		
024351	InVisus SLP Ultrasound Base with fixed Linear Probe 5-12.5MHz	5
024362	InVisus EXP Ultrasound Base (no probe)	5
024363	PR51 Linear Probe 10-18Mhz, 192 Elements	5
024364	PR52 Linear Probe 6-18Mhz, 256 Elements	5
VELCRO STRAPS		
1450021	Velcro Cable Wraps	80
1421230	Velcro Strap Kit	80
1421236	Velcro Strap, 114cm Length	80
1421238	Velcro Strap, 183cm Length	80
1421234	Velcro Strap, 76cm Length	80



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Ten20[®]

CONDUCTIVE



8oz (228g) Jars

Sold as a 3-pack
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4oz (114g) Jars

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ITEM #10-20-4



50g Jars

Sold as a 3-pack
ITEM #10-20-2



4oz (114g) Tubes

Sold as a 3-pack
ITEM #10-20-4T



Single-Use Cups

Sold as a 24-pack
ITEM #10-20-1

About Ten20 Conductive

Ten20 Conductive is an easy-to-use, adhesive, conductive paste designed to hold EEG electrodes in place, thereby eliminating disruptions of reattaching the electrodes during neurodiagnostic examinations.

Expert technologists and technicians around the world rely on the optimal balance of adhesiveness and conductivity of Ten20 Conductive Paste to achieve quality test results.

Ten20 Conductive Paste's washable, non-drying formula makes for a very easy clean up.

Target Markets

EEG Examinations ●

Sleep Diagnostics ●

Evoked Potential Procedures ●

Audiology ●

Biofeedback ●

Contact Us

(800)525-2130

www.weaverandcompany.com
info@weaverandcompany.com

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and company

565 Nucla Way, Unit B
Aurora, Colorado 80011 USA

Nuprep®

Skin Prep Gel



4oz (114g) Tubes

Sold as a 3-pack
ITEM #10-30



25g Tubes

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ITEM #10-61

About Nuprep Skin Prep Gel

For quality tracings, proper skin preparation at every electrode site is crucial.

Nuprep Skin Prep Gel gently abrades and moistens the top layer of skin. This lowers the skin impedance with minimal skin irritation and patient discomfort.

Nuprep virtually eliminates the undesirable effects of diaphoresis and unwanted artifact, thus providing the best opportunity to achieve accurate neurodiagnostic and cardiodiagnostic tracings.

Target Markets

- EEG Examinations
- Sleep Diagnostics
- Evoked Potential Procedures
- Intraoperative Monitoring
- Audiology
- Biofeedback
- Cardiac Stress Tests
- Holter Monitoring
- Cardiac Rehabilitation Monitoring

Contact Us

(800) 525-2130

www.weaverandcompany.com
info@weaverandcompany.com



Our Ref : ER/NATUS(Cons.)/AIIMS (Bhubaneswar)/201201	Date : 15 July 2021
Validity : 30 days	AIIMS,BHUBANESWAR Sijua, Patrapada, Bhubaneswar - 751019. Kind Attention : Dr. Sanjeev Kumar Bhoi -
Payment Terms : 100% Advance Payment vide NEFT/ RTGS/Cheque /Demand Draft in favour of M/s. Alliance Biomedica Pvt. Ltd., Chennai	
Delivery : The Delivery will take place within upon receipt of your confirmed purchase order along with advance payment.	
Bank Details: Name of the Bank : Kotak Mahindra Bank Account No. : 3913437536 Account Type : Current IFSC code : KKBK0000466	Spare parts/ Accessories are covered under 90 days warranty from the date of supply. Consumables are not covered under warranty.

PROFORMA INVOICE

S.No	Part Number	Description	Quantity (No.)	Unit Price in Indian Rupees	Total Price in Indian Rupees
1.	019-413900	EEG Gold Cup Electrode 10mm, 1.5M Lead, 12 per Pk	12	20,856	2,50,272
Total Price					2,50,272
Add: IGST 12.00%					30,033
TOTAL PRICE IN INDIAN RUPEES					2,80,305

(Total Price in Indian Rupees Two Lakh Eighty Thousand Three Hundred and Five only)

VIKASH KUMAR JHA
Regional Manager-ER

Note: This is a System generated quote and it does not require signature.

Alliance Biomedica Pvt. Ltd.

Regd.Office : Flat No. 15, Ashirwad, 12 (New # 30), Puliyur I Lane, Trustpuram, Chennai - 600 024. TN. India.
Phone No : 044 – 24803704 / 23725299 Fax : +91-44-23725810
e-mail : info@alliancebiomedica.in Website : www.alliancebiomedica.in
CIN : U51397TN1999PTC041883



Our Ref : ER/Weaver/AIIMS(Bhubaneswar)/210702	Date : 28 July 2021
Validity : 30 days	AIIMS,BHUBANESWAR Sijua, Patrapada, Bhubaneswar - 751019. Kind Attention : Dr. Sanjeev Kumar Bhoi -
Payment Terms : 100% Advance Payment vide NEFT/ RTGS/Cheque /Demand Draft in favour of M/s. Alliance Biomedica Pvt. Ltd., Chennai	
Delivery : The Delivery will take place <u>within upon receipt of your confirmed purchase order along with advance payment.</u>	
Bank Details: Name of the Bank : Kotak Mahindra Bank Account No. : 3913437536 Account Type : Current IFSC code : KKBK0000466	Spare parts/ Accessories are covered under 90 days warranty from the date of supply. Consumables are not covered under warranty.

PROFORMA INVOICE

S.No	Part Number	Description	Quantity (No.)	Unit Price in Indian Rupees	Total Price in Indian Rupees
1.		Ten20 EEG Electrode Paste Jar, 8 Oz, 3 per Pk	100	4,200	4,20,000
2.		Nuprep Skin Preparation Cream, 4Oz, 3 per Pk	30	4,050	1,21,500
Total Price					5,41,500
Add: IGST 12.00%					64,980
TOTAL PRICE IN INDIAN RUPEES					6,06,480

(Total Price in Indian Rupees Six Lakh Six Thousand Four Hundred and Eighty only)

VIKASH KUMAR JHA
Regional Manager-ER

Note: This is a System generated quote and it does not require signature.

Alliance Biomedica Pvt. Ltd.

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CIN : U51397TN1999PTC041883