



**Neurovision Medical Products**  
*Innovative Surgical Products Since 1973*



Product Catalog

Neurovision Medical Products, Inc. was founded in 1973 by a board certified head and neck surgeon and electrical engineer.

The company's multi-discipline approach incorporates electrophysiology, surgical practice and electronics to provide unique specialty surgical products to practitioners in a number of medical fields. Neurovision strives to provide our customers with the kind of service and professionalism that our founder valued during his own career as a healthcare provider.

Neurovision Medical is headquartered in Ventura, California, USA.

## NERVEÄNA. > A Fusion of Sight, Sound and Touch

The Surgeon's Nerve Locator

The Nerveäna combines a nerve stimulator and an electromyographic (EMG) sensor into an integrated surgical tool. A dissecting stimulating instrument continuously applies a stimulation pulse to soft tissue while the EMG sensor detects muscle response evoked by stimulation. Once an evoked EMG is detected, the Nerveäna produces an audio alarm allowing the surgeon to maintain attention on the surgical field. The Nerveäna significantly reduces nerve location time while improving patient safety and decreasing surgeon stress during difficult dissections.

Simple  
Reliable  
Nerve  
Location

EMGView™ Software documents waveforms with any PC. Record and play back entire case.

AUDIO TONES  
communicate information so the surgeon's attention remains on the surgical field.

TWO SIMPLE SETTINGS  
allow the surgeon to control stimulation strength and detection sensitivity for a continuous range of nerve location.

MULTI-MODE FUNCTION allows the surgeon to listen to analog EMG with or without the alarm.

DRAGONFLY® LARYNGEAL SURFACE ELECTRODE is preferred by anesthesiologists.

Stingray™ Probes are surgical instruments modified to be monopolar stimulator probes. The surgical instrument allows concurrent dissection and stimulation of tissue for nerve location.





## Nerveäna System Components

Item Code	Description
NV005	Nerveäna® Nerve Locator and Monitor System <i>The following are included with the system:</i>
CEMG-B	EMG Cable Assembly
CSTI-B	Stimulator Cable Assembly
I-kf5s	Rea-type, Kelly Forceps, 5", fine curved tip, scissor hinge
PSCS	12 Volt DC Power Supply
PSCC	Power Cable for Power Supply/Charger
OM	CD ROM Operator's Manual

## EMGView® > Software for Continuous Intraoperative Neuromonitoring

In addition to the detection and alarm functions of the Nerveäna®, EMGView® software allows waveform viewing, threshold alarm setting, and the ability to record the entire "skin-to-skin" surgical procedure.

EMGView® is designed specifically for use with the Nerveäna® nerve locator and monitor and provides an additional level of information on the performance of the Nerveäna system and unsurpassed ability to document intraoperative neuromonitoring.

## EMGView™ Components

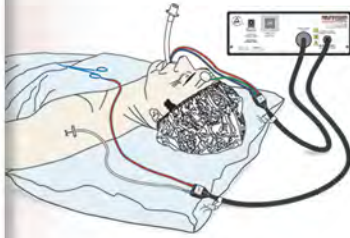
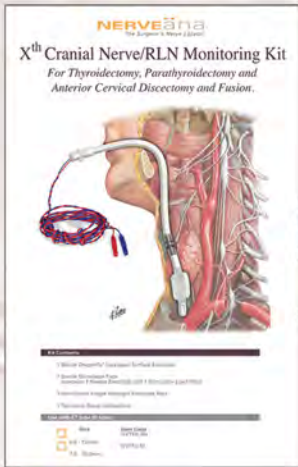
Item Code	Description
EMGV431	<b>EMGView® software kit Includes:</b> EMGView® software for any PC <i>Works with existing printers</i>
MINI431	<b>Mini PC with EMGView® software kit Includes:</b> Mini PC with EMGView® software, USB cable <i>Works with existing printers</i>
ST-E-LCD	Nerveäna EMGView® software with PC, LCD monitor, keyboard, mouse and rolling adjustable work stand

Additional system accessories available...

Item Code	Description
I-repair	Custom Modification of any Instrument into Rea-type probe. <i>(Customer supplies instrument- Contact NVM for more info)</i>
ST-Basket	Cart with Basket

The Nerveäna system uses convenient single-use nerve monitoring kits that provide a cost-effective way to quickly set up for surgery.

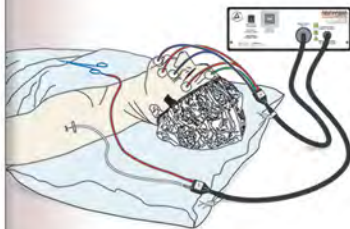
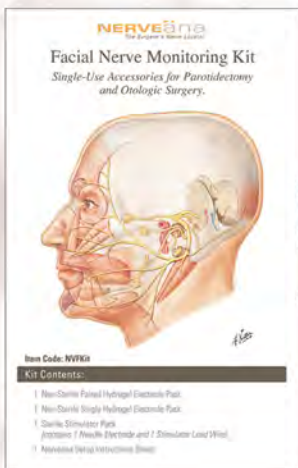
**Xth Cranial Nerve/RLN Monitoring Kit** For Thyroidectomy, Parathyroidectomy and Anterior Cervical Discectomy and Fusion.



Item Code	Description
<b>NVTKit-Msp</b> (For ET tube 2.0 - 5.5) (Box of 5)	<b>Xth Cranial Nerve/RLN Monitoring Kit Includes:</b> 1 LSE500Msp (laryngeal electrode) 1 NVSP (Stimulator Pack contains 1 disposable lead wire and 1 needle electrode) 2 HGELs (Single Hydrogel with Green Wire and prep pad)

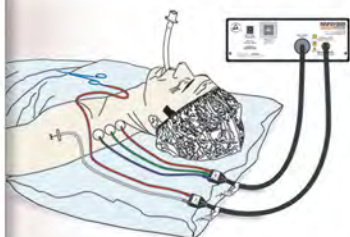
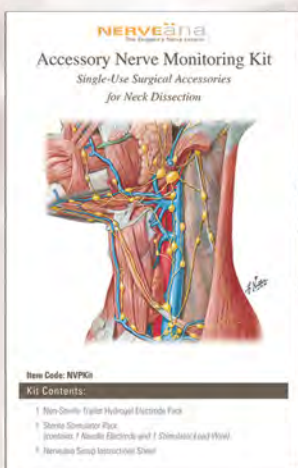
<b>NVTKit-Ms</b> (For ET tube 6.0 - 7.0) (Box of 5)	<b>Xth Cranial Nerve/RLN Monitoring Kit includes:</b> 1 LSE500Ms (laryngeal electrode) 1 NVSP (Stimulator Pack contains 1 disposable lead wire and 1 needle electrode) 1 HGELs (Single Hydrogel with Green Wire and prep pad)
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<b>NVTKit-M</b> (For ET tube 7.5 - 10.0) (Box of 5)	<b>Xth Cranial Nerve/RLN Monitoring Kit Includes:</b> 1 LSE500M (laryngeal electrode) 1 NVSP (Stimulator Pack contains 1 disposable lead wire and 1 needle electrode) 1 HGELs (Single Hydrogel with Green Wire and prep pad)
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**Facial Nerve Monitoring Kit** Single-Use Accessories for Parotidectomy and Otolgic Surgery.

Item Code	Description
<b>NVFKit</b> (Box of 5)	<b>Facial Nerve Monitoring Kit Includes:</b> 1 HGELp (Hydrogel electrode 2 pairs with prep pad) 1 NVSP (Stimulator Pack contains 1 disposable lead wire and 1 needle electrode) 1 HGELs (Single Hydrogel with Green Wire and prep pad)



**Accessory Nerve Monitoring Kit** Single-Use Surgical Accessories for Neck Dissection.

Item Code	Description
<b>NVPKit</b> (Box of 5)	<b>Accessory Nerve Monitoring Kit Includes:</b> 1 NVSP (Stimulator Pack contains 1 disposable lead wire and 1 needle electrode) 1 HGEL (Hydrogel Skin Electrode 3-pack with prep pad)

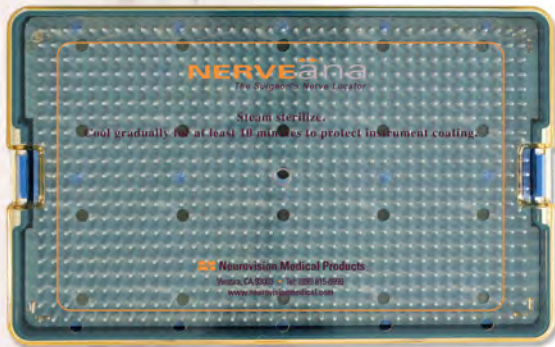
# STINGRAY <sup>></sup> Surgical Probes / Accessories

SURGICAL PROBES



Stingray Probes are standard surgical instruments modified to be monopolar stimulator probes. In addition to a needle probe, we offer several forceps for concurrent dissection and stimulation of tissue for nerve location. Neurovision will also modify many types of instruments to suit the practitioner's individual preferences.

Item Code	Description
I-hrn612	Rea-type, House- Rosen Needle Probe 6 ½", Standard 6 ½ mm tip
I-kf5s	Rea-type, Kelly Forceps, 5", fine curved tip, scissor hinge
I-mf512s	Rea-type, Mixer (Right-Angle) Forceps 5 ½", fine tip, scissor hinge
I-krf614s	Rea-type, Kelly-Rankin Forceps, 6 ¼", fine curved tip, scissor hinge
I-repair	Custom Modification of any Instrument into Rea-type probe. Customer supplies instrument.
I-61075	Instrument Tray with Four Probes- Pick to Complete (dimensions 6.0" x 10" x .075")
T-46575	Instrument Tray (dimensions 4.0" x 6.5" x .075")
T-61075	Instrument Tray (dimensions 6.0" x 10" x .075")
NVSP (Box of 10)	Stimulator Pack contains: 1 disposable lead wire and 1 needle electrode



# DryTouch<sup>®</sup> <sup>></sup> Suction Stimulator Probes

DryTouch<sup>®</sup> Probes provide a dry stimulation field for more reliable testing. The specially designed ball-tip delivers repeatable stimulation while simultaneously evacuating conductive fluids that cause electrical shunting.



Item Code	Description
PSS13D-k (Box of 10)	<b>NERVEANA<sup>®</sup> DryTouch<sup>®</sup> Kit Includes:</b> DryTouch <sup>®</sup> Single Use Suction Stimulator Probe (13 cm shaft) Nerveana <sup>®</sup> Kit, needle electrode (2.5 m lead)
PSS26D-k (Box of 10)	<b>NERVEANA<sup>®</sup> DryTouch<sup>®</sup> Kit Includes:</b> DryTouch <sup>®</sup> Single Use Suction Stimulator Probe (26 cm shaft) Nerveana <sup>®</sup> Kit, needle electrode (2.5 m lead)



## > Stick-On Electrodes

Dragonfly® Electrodes have set the standard for safe, convenient and reliable Xth Nerve / RLN monitoring. The electrodes are applied to any standard ET tube and work with all nerve monitors. Unique positioning stripes facilitate precise placement of the electrodes on the vocal cords.

Item Code	Single Channel Description
LSE500Msp <i>(Box of 5)</i>	Dragonfly® 1 Channel Laryngeal Surface Electrode <i>(For ET tube sizes 2.0 - 5.5)</i>
LSE500Ms <i>(Box of 5)</i>	Dragonfly® 1 Channel Laryngeal Surface Electrode <i>(For ET tube sizes 6.0 - 7.0)</i>
LSE500M <i>(Box of 5)</i>	Dragonfly® 1 Channel Laryngeal Surface Electrode <i>(For ET tube sizes 7.5 - 10.0)</i>
Item Code	Two Channel Description
LSE500DCS <i>(Box of 5)</i>	Dragonfly® 2 Channel Electrode <i>(Small)</i> <i>(Fits ET tube sizes 6.0 - 7.5)</i>
LSE500DCL <i>(Box of 5)</i>	Dragonfly® 2 Channel Electrode <i>(Large)</i> <i>(Fits ET tube sizes 8.0 - 9.5)</i>
DCKit-S <i>(Box of 5)</i>	<b>Dragonfly® Xth Cranial Nerve/RLN Monitoring Kit Includes:</b> 1 Dragonfly® 2 Channel Laryngeal Surface Electrode <i>(Small)</i> 2 Subdermal Needle Electrodes 2.5m (99") green and white lead wires <i>(For ET tube sizes 6.0 - 7.5)</i>
DCKit-L <i>(Box of 5)</i>	<b>Dragonfly® Xth Cranial Nerve/RLN Monitoring Kit Includes:</b> 1 Dragonfly® 2 Channel Laryngeal Surface Electrode <i>(Large)</i> 2 Subdermal Needle Electrodes 2.5m (99") green and white lead wires <i>(For ET tube sizes 8.0 - 9.5)</i>



**Neurovision Medical Products** is located in Ventura, California. Our office hours are 8:00 AM to 4:00 PM Pacific Standard Time.

To place an order or for our assistance please call or fax us.

Tel: 866-815-6999  
Fax: 877-330-1727

[www.neurovisionmedical.com](http://www.neurovisionmedical.com)

