

**FRIENDSHIP MEDICAL**

富德大

**FRIENDSHIP MEDICAL**

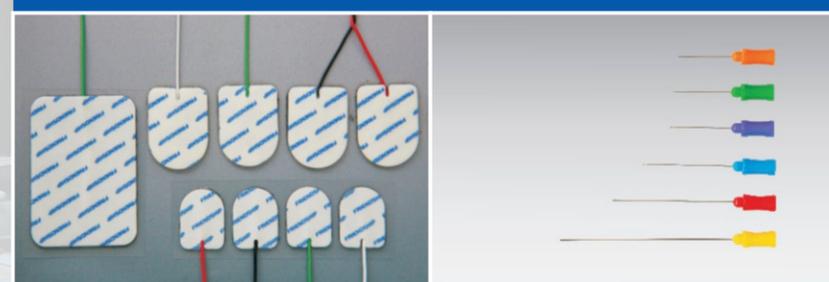
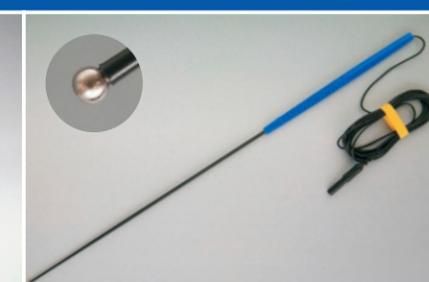
西安富德医疗电子有限公司  
Xi'an Friendship Medical Electronics Co., Ltd.

Electroneurodiagnostic  
Electrodes and Accessories

- Friendship Medical is engaged in providing customers with high-quality and low-cost Disposable Sterile Subdermal Needle Electrodes, Disposable Surface Electrodes (Pre-Gelled Ag/AgCl), Disposable Nerve Locating Probes and other electroneurodiagnostic accessories.
- Meeting your requirements is the cornerstone of our customer service policy.
- Our products have got the certification of American FDA, European CE, Canadian CMDCAS, MSA in Japan and KFDA in Korea!
- We can produce various kinds of complicated and cutting-edge medical products under OEM mode!
- We are an OEM company with large production capacities.
- Our company has 5 categories, 18 series and 268 models of electrodes. The annual output of different kinds of electrodes is 20,000,000 sets.

西安富德医疗电子有限公司  
Xi'an Friendship Medical Electronics Co., Ltd.

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# Company Profile

Xi'an Friendship Medical Electronics Co., Ltd. is a high-tech multinational manufacturing company with the integration of science and research, product development, design & manufacturing, sale & trade as well as technical consultations. The company not only has a modern office building and standard workshops, but also is equipped with various kinds of specialized cutting-edge facilities, five production lines and purification workshops. The company is backed on abundant technical advantages and manufacturing capacities as well as professors, researchers, experts, senior engineers and production engineers. The company has established branches and product advisory offices in US, Europe and Canada. It has developed various kinds of high-quality medical devices and disposable products. Our company has the strongest production capacity among enterprises around the globe that manufacture similar products. The annual output of electrodes is 20, 000, 000 sets. They are applied to various electroneurodiagnostic workstations, electroencephalograph (EEG), electrocardiograph (ECG) and electromyography (EMG). Our company has disposable sterile subdermal needle electrodes, disposable surface electrodes ( pre-gelled Ag/AgCl ), and multi-functional disposable nerve locating probes as well as surgical instruments, etc. Our products can be classified into 5 categories, 18 series and 268 models. In the meantime, our company possesses a number of world first patents which have filled up the gaps of domestic market.

The products of our company are the only ones that have obtained certification of American FDA, European CE mark, Canadian CMDCAS, MSA in Japan, KFDA in Korea and domestic medical device certification in the similar domestic products. We have also acquired the certification of international quality system ISO 13485. We produce strictly under the guidance of the quality system. The best-quality materials are selected to manufacture products and the performance of all our products takes the lead and surpasses the advanced world level. The disposable subdermal needle electrodes and disposable pre-gelled Ag/AgCl surface electrodes have been the best-seller in American markets for ten years and have got good reputation among our customers. Meanwhile, products of our company are favorably commented by many customers in European markets, such as UK, France, Germany, Italy, etc. The international market share of corkscrew needle electrodes accounts for 80%. The market share of disposable subdermal needle electrodes and the disposable pre-gelled Ag/AgCl surface electrodes accounts for 56% in America. The market is still expanding by an annual rate of 28%. The prospect of our company is promising.

We can provide a wide range of services for customers: electronic, circuit, mechanical and structure development, research, design, trial-manufacture, batch production as well as various technical consultations for products of customers.

Friendship Medical is: quality, customer, credit, market, partnership and service-oriented!

Cooperation once, partner forever!

Xi'an Friendship Medical Electronics Co., Ltd.



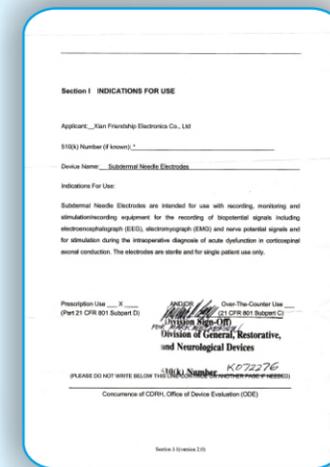
ISO 13485 Certificate



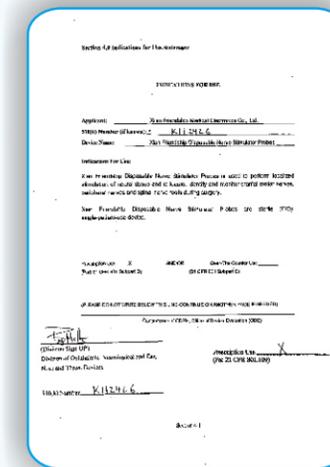
CE MDR Certificate



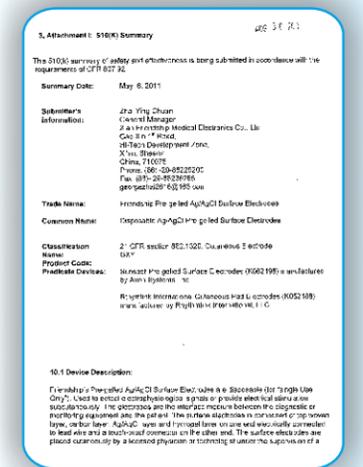
MDSAP Certificate



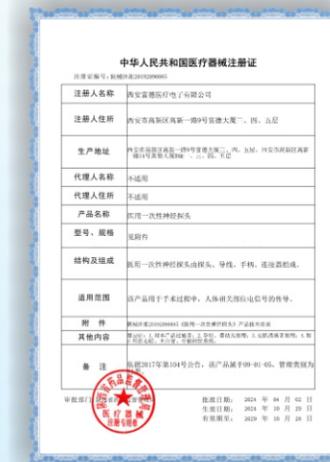
Subdermal Needle Electrodes FDA Certificate



Direct Nerve Stimulator Probe FDA Certificate



Pre-Gelled Surface Electrodes FDA Certificate



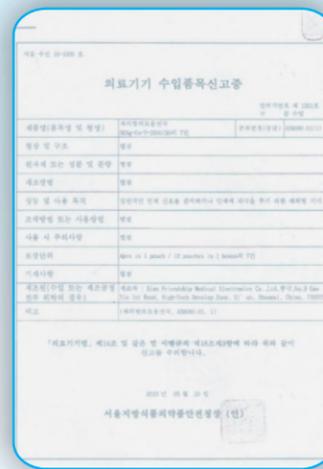
The Certificates of Disposable Nerve Stimulator Probe / Disposable Subdermal Needle Electrode / Disposable Pre-gelled Ag/AgCl Surface Electrode from SFDA



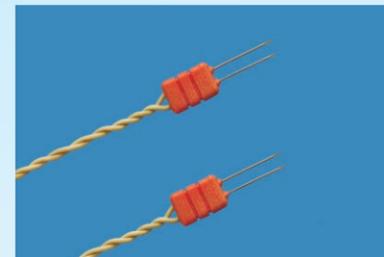
MSA Certificate in Japan



Medical Device Manufacturing Enterprise License



KFDA Certificate in Korea



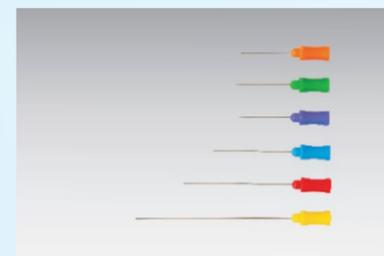
ENT Dual Disposable Needle Electrodes



Medical Extension Lead Wire for Disposable Sterile Subdermal Needle Electrodes (with Short Wire Length)



Connection Method of Disposable Sterile Subdermal Needle Electrodes and Medical Extension Lead Wire



Disposable EMG Concentric Needle Electrodes



Connection Method of Disposable EMG Monopolar Needle Electrodes and the 5-Pin-DIN Plug Cable



Cable for Concentric Needle Electrodes



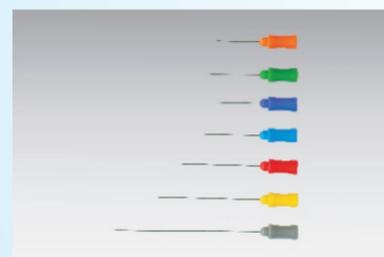
Disposable Sterile Corkscrew Needle Electrodes (Single, Twisted, Multicolor)



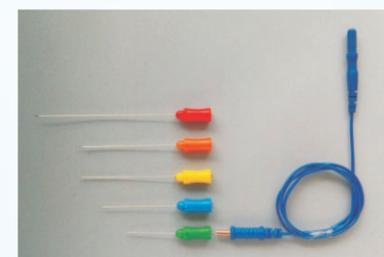
Disposable Sterile Subdermal Needle Electrodes, Single, Multicolor



Disposable Sterile Subdermal Needle Electrodes, Twisted Pair, Multicolor



Disposable EMG Monopolar Needle Electrodes



Connection Method of Disposable EMG Monopolar Needle Electrodes and Single Cable



5-Pin-DIN Plug Cable for Monopolar Needle Electrodes



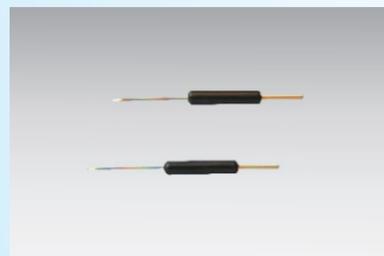
Disposable Sterile Subdermal Needle Electrodes ( Parallel, Multicolor )



Disposable Sterile Subdermal Needle Electrodes (Five / Six Twisted )



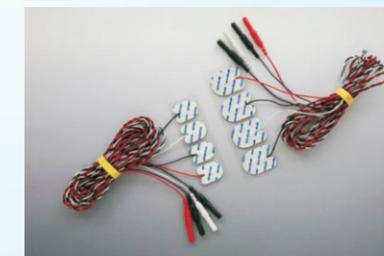
Disposable Sterile Subdermal Needle Electrodes (Five / Six Parallel )



Disposable EMG Sensory Needle



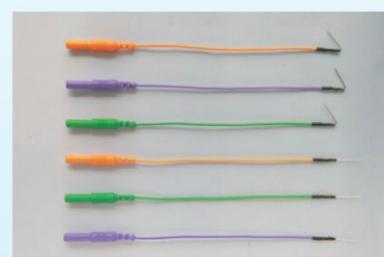
Disposable Surface Electrodes (Pre-gelled Ag/AgCl, Single)



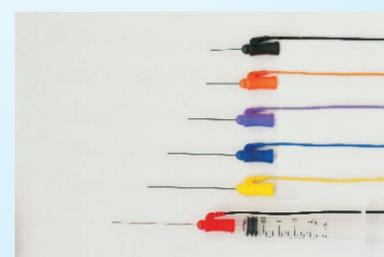
Disposable Surface Electrodes (Pre-gelled Ag/AgCl, Twisted-pair)



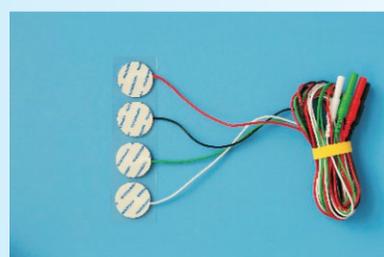
High-Field MRI Intraoperative Electroneurodiagnostic Specific Probes and Electrodes (for Eliminate MRI Artifacts and Image Distortion)



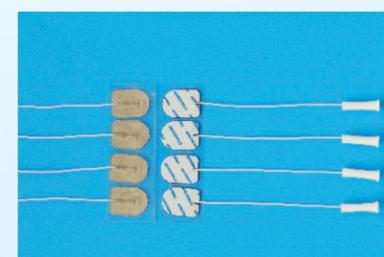
Disposable Sterile Subdermal Needle Electrodes Short Wire Length in 10cm Needle with Short Wire Length bent in 36°



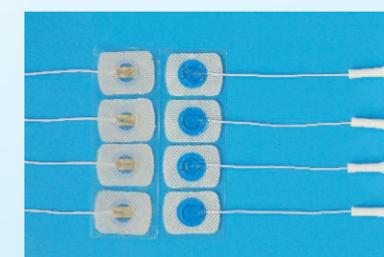
Disposable Sterile Botox Needle Electrodes



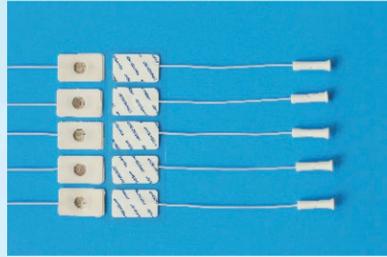
Disposable Surface Electrodes (Pre-gelled Ag/AgCl, Round, Single)



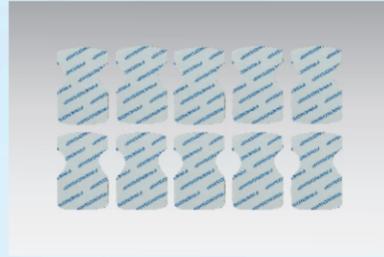
Disposable Surface Electrodes (Pre-gelled Ag/AgCl) (Connector: 0.7mm, Single)



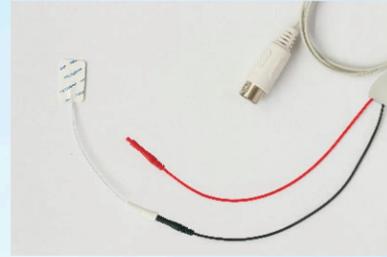
Disposable Surface Electrodes (Central, Ag/AgCl) (with Lead Wire)



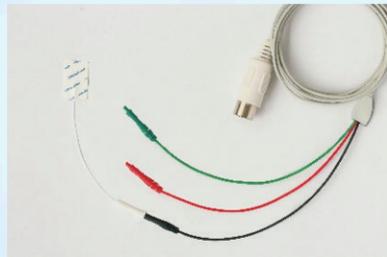
Disposable Surface Electrodes (Central, Ag/AgCl) (with Lead Wire)



Disposable Surface Electrodes (Central, Ag/AgCl) (Use with Mini-Crocodile Clip)



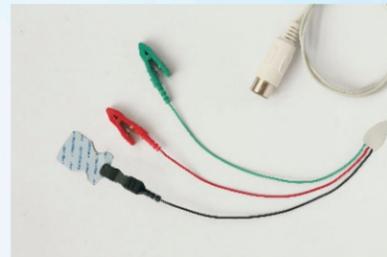
Shielded Electrode Cable



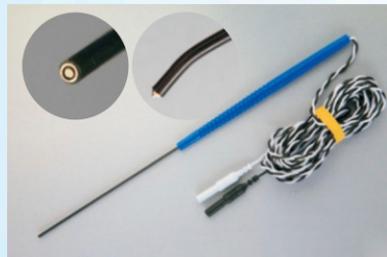
Shielded Electrode Cable



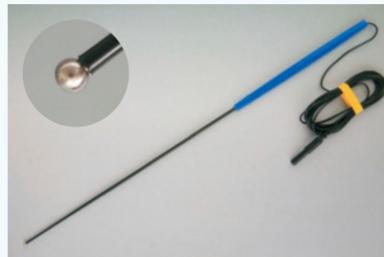
Crocodile Clip Cable



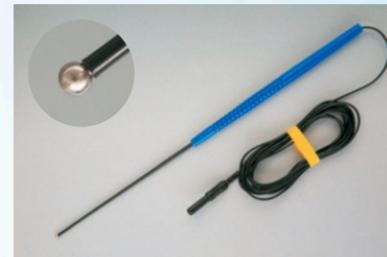
Shielded Electrode Cable



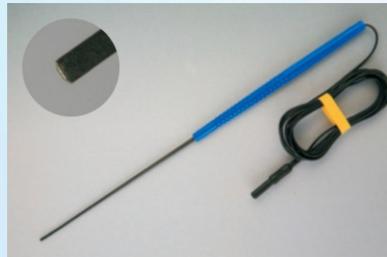
Disposable Concentric Direct (Bent) Nerve Stimulator Probe



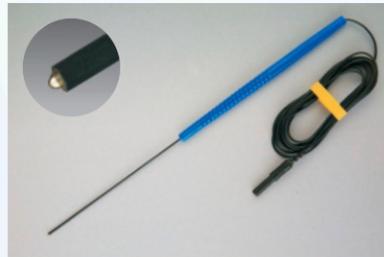
Disposable Ball Tip Direct Nerve Stimulator Probe (90mm-300mm)



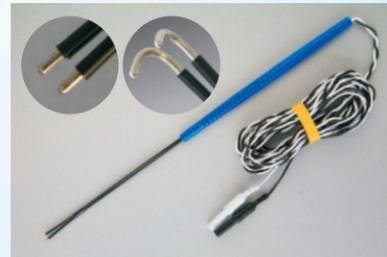
Disposable Ball Tip Direct Nerve Stimulator Probe (90mm-150mm)



Disposable Flush Tip Direct Nerve Stimulator Probe



Disposable Monopolar Direct Nerve Stimulator Probe



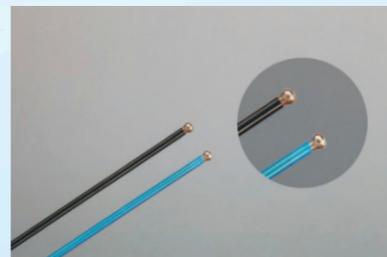
Disposable Bipolar Direct (Bent) Nerve Stimulator Probe



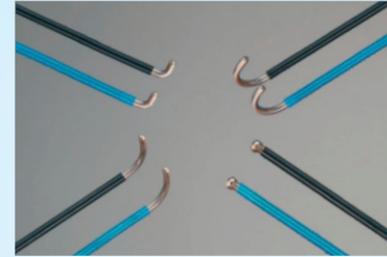
Disposable Hook Nerve Stimulator Probes (Double Hook 100° / 180° )



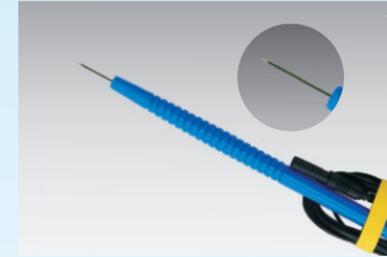
Disposable Hook Nerve Stimulator Probes (Triple Hook 100° / 180° )



Disposable Double Ball Tip Direct Nerve Stimulator Probes



Various Double Hook Nerve Stimulator Probes  
Double Hook 100° / Double Hook 180°  
Peacock Hook 90° / Double Ball Tip



Disposable Needle Stimulator Probes



Medical EEG Gold Cup Electrodes (Three Kinds of Wires: Long-Life Teflon Wire, PVC Wire and Silicone Wire)



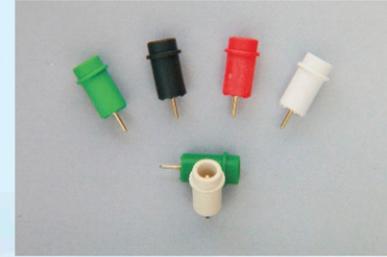
Medical EEG Ag/AgCl Cup Electrodes (Three Kinds of Wires: Long-Life Teflon Wire, PVC Wire and Silicone Wire)



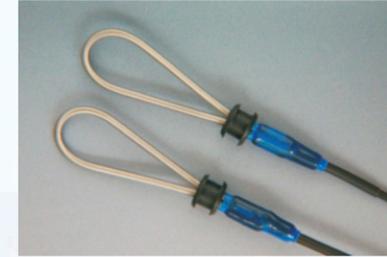
Extension Lead Wires (4 Colors)



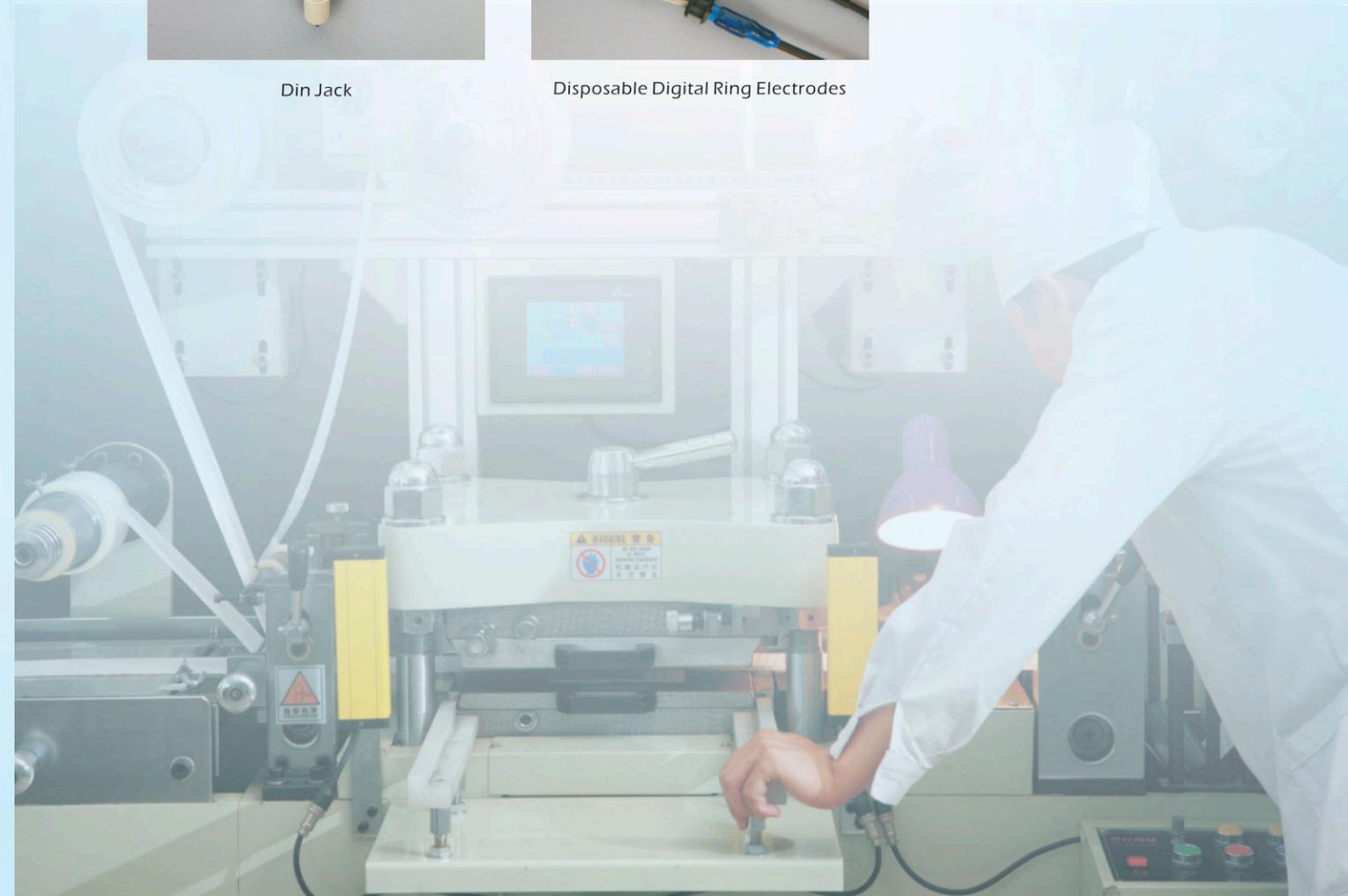
Harness for 18 Channels of Disposable Sterile Subdermal Needle Electrodes

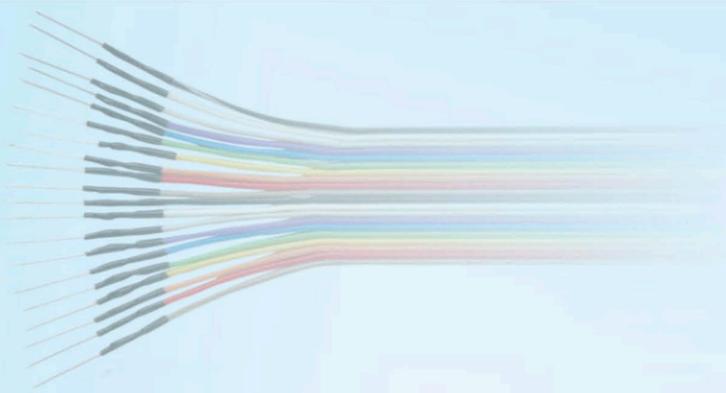


Din Jack



Disposable Digital Ring Electrodes





### Brief Introduction of Products

The products of our company are available for customers with high quality and the lowest price in the market.

Regardless of customers' order quantity, each customer is warmly welcomed. We can provide custom-made products under OEM mode and also can research and develop new products for customers. The delivery period is guaranteed.

The Disposable Subdermal Needle Electrodes are sterile device. It is mainly used for transmitting the electrical stimulation signal from the system to the human body, or collecting the local electrical signal from the human body to the system. The electrodes are the interface between the diagnostic or monitoring equipment and the patient. Connector of this device is connected to the neuro-electrophysiological monitoring and record system or intraoperative monitoring system (IONM). The other terminal is inserted subdermally into the patients' relevant body parts. This device is single use, ETO-sterilized, packed in Tyvek pouches and valid for 36 months

### Disposable Sterile Corkscrew Needle Electrodes (Single, Twisted)



- 6 Colors / 12 Colors
- Stainless steel
- Needle Diameter: 0.6mm
- 24 pieces / 12 pairs individually packed per box
- Single patient use only

Article #	Part #	Lead Length
1001	NES-D1-1200/0.6	1200mm
1003	NES-D1-1500/0.6	1500mm
1004	NES-D1-2000/0.6	2000mm
1005	NES-D1-2500/0.6	2500mm
1002	NES-D2-1200/0.6	1200mm
1006	NES-D2-1500/0.6	1500mm
1007	NES-D2-2000/0.6	2000mm
1008	NES-D2-2500/0.6	2500mm

### Disposable Sterile Subdermal Needle Electrodes (Single, Multicolor)



- 6 Colors / 12 Colors
- Stainless steel
- Needle Length: 7, 13, 17, 23mm, Diameter: 0.35, 0.40, 0.45mm
- 24 pieces individually packed per box
- Single patient use only

Article #	Part #	Lead Length
1010	NE-S-1000/13/0.4	1000mm
1011	NE-S-1500/13/0.4	1500mm
1012	NE-S-2000/13/0.4	2000mm
1013	NE-S-2500/13/0.4	2500mm
1040	NE-S-1500/7/0.35	1500mm
1041	NE-S-1500/7/0.4	1500mm
1042	NE-S-1500/17/0.45	1500mm
1043	NE-S-1500/23/0.4	1500mm

### Disposable Sterile Subdermal Needle Electrodes (Twisted, Multicolor)



- 12 colors
- Stainless steel
- Needle Length: 7mm, 13mm, 19mm, Diameter: 0.4mm
- 12 pairs individually packed per box
- Single patient use only

Article #	Part #	Lead Length
1020	NE-T-1000/13/0.4	1000mm
1021	NE-T-1500/13/0.4	1500mm
1022	NE-T-2000/13/0.4	2000mm
1023	NE-T-2500/13/0.4	2500mm
1024	NE-T-1500/7/0.4	1500mm
1028	NE-T-1500/19/0.4	1500mm

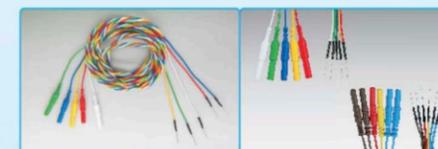
### Disposable Sterile Subdermal Needle Electrodes (Parallel, Multicolor)



- 10 colors
- Stainless steel
- Needle Length: 13mm, 17mm, Diameter: 0.4mm, 0.45mm
- 10 pairs individually packed per box
- Single patient use only

Article #	Part #	Lead Length
1029	NE-P-1000/13/0.4	1000mm
1025	NE-P-1500/13/0.4	1500mm
1026	NE-P-2000/13/0.4	2000mm
1027	NE-P-2500/13/0.4	2500mm
1045	NE-P-1500/17/0.45	1500mm

### Disposable Sterile Subdermal Needle Electrodes (Six Twisted and Six Parallel)



- Easy to operate and wind orderly during the intraoperative process
- 10 sets individually packed per box

Article #	Part #	Lead Length
1031	NE-P6-1500/13/0.4	1500mm
1034	NE-T6-1500/13/0.4	1500mm

**Disposable Sterile Subdermal Needle Electrodes**  
(Needle with Short Wire Length and Needle with Short Wire Length bent in 36° )



- Use with Medical Extension Lead Wire in article number 1060 to 1063. This will reduce the cost and is environment-friendly.
- 2 pieces per pouch, 48 pieces per box.

Article #	Part #	Lead Length
1050	NE-SS-100/13/0.4	100mm
1051	NE-SSB-100/13/0.4	100mm

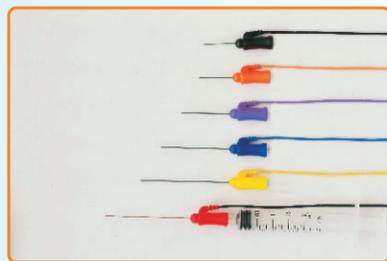
**Medical Extension Lead Wire**



- Medical extension lead wire for disposable subdermal needle electrodes
- Wire Length: 1.0m, 1.5m, 2.0m, 2.5m
- Color: P1 (Red/Orange/Yellow/Green/Blue/Purple), P2 (Black/White/Light Blue/Brown/Pink/Grey)
- 12 Pieces per pouch, 12 pieces per Box

Article #	Part #	Wire Length
1060	EW1000-P1/ P2	1000mm
1061	EW1500-P1/ P2	1500mm
1062	EW2000-P1/ P2	2000mm
1063	EW2500-P1/ P2	2500mm

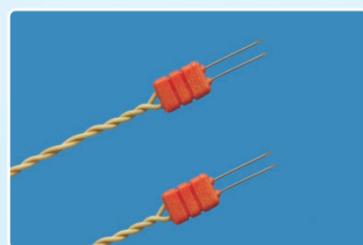
**Disposable Sterile Botox Needle Electrodes**



- Needles are made of stainless steel and feature a smooth PTFE coating with a back-cut beveled tip that reduces insertion pain
- EO-sterilization, single patient use only

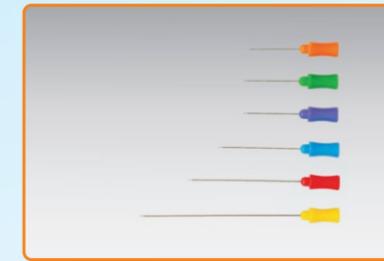
Article #	Part #	Needle Length	Needle Diameter
1120	NEBN2530	25mm	0.30mm/30G
1121	NEBN2535	25mm	0.35mm/28G
1122	NEBN3040	30mm	0.40mm/27G
1123	NEBN3845	38mm	0.45mm/26G
1124	NEBN5050	50mm	0.50mm/25G
1125	NEBN7565	75mm	0.65mm/23G

**ENT Dual Disposable Needle Electrodes**



Article #	Part #	Lead Length
1201	NE-D1-1000/12/0.4	1000mm
1202	NE-D1-1500/12/0.4	1500mm
1203	NE-D1-2000/12/0.4	2000mm
1204	NE-D1-2500/12/0.4	2500mm

**Disposable EMG Concentric Needle Electrodes**



- Sharp point
- Ergonomic hub design
- Six colors coded for easy identification, use with the cable in article number 1080 to 1084
- 25 pieces individual package per box
- EO-sterilization, single patient use only

Article #	Part #	Needle Length	Needle Diameter
1070	NEC2530	25mm	0.30mm/30G
1071	NEC2535	25mm	0.35mm/28G
1072	NEC3040	30mm	0.40mm/27G
1073	NEC3845	38mm	0.45mm/26G
1074	NEC5050	50mm	0.50mm/25G
1075	NEC7565	75mm	0.65mm/22G

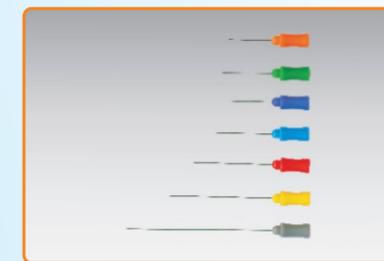
**Cable for Concentric Needle Electrodes**



- 5 pin DIN plug
- High performance shielded cable

Article #	Part #	Lead Length
1080	CCN1000	1000mm
1081	CCN1500	1500mm
1082	CCN2000	2000mm
1083	CCN2500	2500mm
1084	CCN3000	3000mm

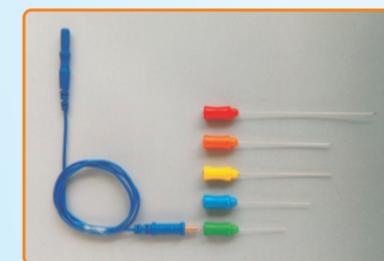
**Disposable EMG Monopolar Needle Electrodes**



- Sharp point
- Ergonomic hub design
- Seven colors coded for easy identification, use with the cable in article number 1100, 1101, 1102, 1103, 1104
- 25 pieces individual package per box
- EO-sterilization, single patient use only

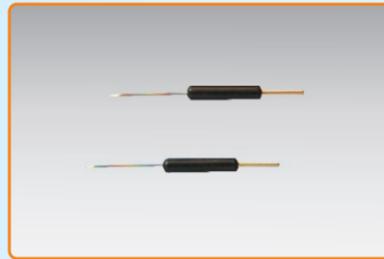
Article #	Part #	Needle Length	Needle Diameter
1090	NEM2025	20mm	0.25mm/33G
1091	NEM2530	25mm	0.30mm/30G
1092	NEM2535	25mm	0.35mm/28G
1093	NEM3040	30mm	0.40mm/27G
1094	NEM3845	38mm	0.45mm/26G
1095	NEM5050	50mm	0.50mm/25G
1096	NEM7565	75mm	0.65mm/22G

**Single Cable for Monopolar Needle Electrodes**



Article #	Part #	Lead Length
1103	CMN1000	1000mm
1100	CMN1500	1500mm
1101	CMN2000	2000mm
1102	CMN2500	2500mm
1104	CMN3000	3000mm

## Disposable EMG Sensory Needle



- Designed for recording leading off potentials from sensory nerves. These stainless steel needle electrodes are insulated.
- The exposed tip of the cannula is trocar shaped and serves as the recording area. Each needle is presterilized by ETO.
- Use with Cables: 2027, 2035, 2028, 2036, 2029, 2037, 2030, 2038

Article #	Part #	Needle Length	Needle Diameter
1110	SN1535	15mm	0.35mm/28G
1111	SN2040	20mm	0.40mm/27G
1112	SN3040	30mm	0.40mm/27G
1113	SN1565	15mm	0.65mm/22G
1114	SN3065	30mm	0.65mm/22G
1115	SN5065	50mm	0.65mm/22G

## Disposable Surface Electrodes (Pre-Gelled Ag/AgCl)

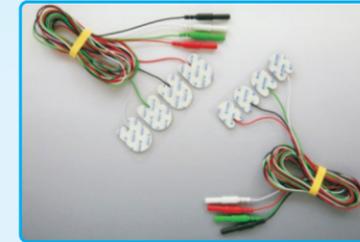
The disposable surface electrode is an electrode combining nanometer silver/silver chloride conductive film and conductive gel together. When the disposable surface electrode is applied, the EC signals between the electrode pad and the skin are transmitted by a layer of irreversible high-tech material made from Ag/AgCl and thin electrolyte. Presently, it's the most ideal, advanced, accurate, and convenient surface electrode for clinical testing and recording EC and EE and evoking potentials.

This electrode has the following functions:

1. The interface of electrode has a great competence of saving charges (the competence of saving charges is five times to N times stronger than that of button-type). The electrode possesses the characteristics of stable performance, lower impedance and reduction of signal attenuation.
2. Fast response and easier to achieve balance;
3. Small and stable potential, sound reproducibility and small DC drift, no formation of DC offset voltage.
4. Little interference to bioelectric signals, no white noise and no non-linear. The product plays a better role within the compass of low-frequency.
5. The high-quality gel is utilized in electrodes. Thus electrode and electrolyte are sound to human bodies, have no side effects and possess good biocompatibility.

The disposable surface electrode (the ECG electrode) produced by our company is the exclusive product in China. This electrode has achieved the leading level, obtained the CE and FDA certification and occupied a large market share in America and Europe.

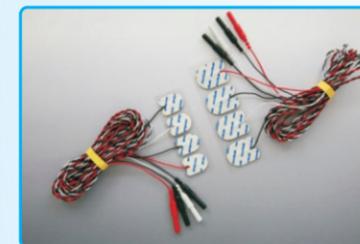
## Disposable Surface Electrodes (Pre-gelled Ag/AgCl, Single)



- Long lasting adhesiveness
- High quality Ag/AgCl sensor
- Advanced American skin-friendly gel

Article #	Part #	Size	Lead Length
2002	SEAg-S-1500/15x20	15mmx20mm	1500mm
2003	SEAg-S-2500/15x20	15mmx20mm	2500mm
2004	SEAg-S-1500/20x27	20mmx27mm	1500mm
2005	SEAg-S-2500/20x27	20mmx27mm	2500mm
2022	SEAg-S-100/15x20	15mmx20mm	100mm
2023	SEAg-S-0.7/100/15x20	15mmx20mm	100mm

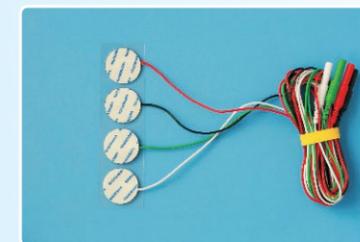
## Disposable Surface Electrodes (Pre-gelled Ag/AgCl, Twisted-pair)



- Long lasting adhesiveness
- High quality Ag/AgCl sensor
- Advanced American skin-friendly gel

Article #	Part #	Size	Lead Length
2006	SEAg-T-1500/15x20	15mmx20mm	1500mm
2007	SEAg-T-2500/15x20	15mmx20mm	2500mm
2008	SEAg-T-1500/20x27	20mmx27mm	1500mm
2009	SEAg-T-2500/20x27	20mmx27mm	2500mm

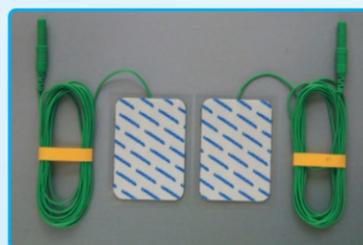
## Disposable Surface Electrodes (Pre-gelled Ag/AgCl, Round, Single)



- Long lasting adhesiveness
- High quality Ag/AgCl sensor
- Advanced American skin-friendly gel

Article #	Part #	Size	Lead Length
2020	SEAg-S-1000/20	Φ20mm	1000mm
2021	SEAg-S-1500/20	Φ20mm	1500mm

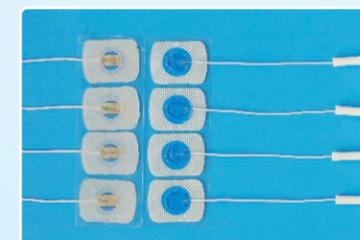
## Disposable Surface Electrodes (Pre-gelled Ag/AgCl, Ground)



- Long lasting adhesiveness
- Ideal for sleep studies and ground electrodes
- High quality Ag/AgCl sensor
- Advanced American skin-friendly gel

Article #	Part #	Size	Lead Length
2001	SEAg-S-2000/35x50	35mmx50mm	2000mm
2010	SEAg-S-2500/35x50	35mmx50mm	2500mm

## Disposable Surface Electrodes (Central, Ag/AgCl) (with Lead Wire)



- Long lasting adhesiveness
- The transparent sensor area enables you to locate the examination target area very precisely
- High quality Ag/AgCl sensor for optimal signal quality, low noise
- 0.7mm pin
- 144 pieces per Box

Article #	Part #	Size	Lead Length
2024	SEAg-C-1.5/800/22x30	22mmx30mm	800mm
2025	SEAg-C-0.7/100/22x30	22mmx30mm	100mm

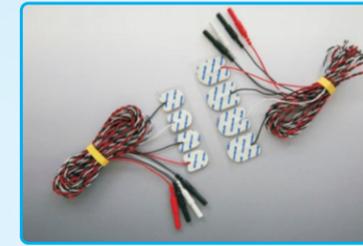
### Disposable Surface Electrodes (Central, Ag/AgCl) (Use with Mini-Crocodile Clip)



- Long lasting adhesiveness
- High quality Ag/AgCl sensor for Optimal Signal Quality, Low Noise
- Advanced American skin-friendly gel
- USE with mini-crocodile clip, reduce the usage cost
- 600 pieces per Box

Article #	Part #	Size
2031	SEAg-J-22x32	22mmx32mm

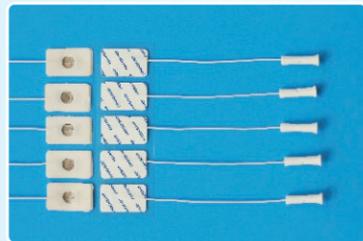
### Disposable Surface Electrodes (Pre-gelled Ag/AgCl, Parallel)



- Long lasting adhesiveness
- High quality Ag/AgCl sensor
- Advanced American skin-friendly gel

Article #	Part #	Size	Lead Length
2011	SEAg-P-1500/15x20	15mmx20mm	1500mm
2012	SEAg-P-2500/15x20	15mmx20mm	2500mm
2013	SEAg-P-1500/20x27	20mmx27mm	1500mm
2014	SEAg-P-2500/20x27	20mmx27mm	2500mm

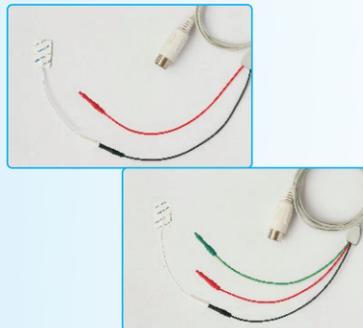
### Disposable Surface Electrodes (Central, Ag/AgCl) (with Lead Wire)



- 0.7mm pin
- 300 pieces per Box

Article #	Part #	Size
2026	SEAg-C-0.7/100/14x24	14mmx24mm

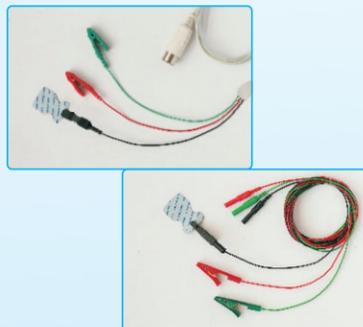
### Shielded Electrode Cable



- Shielded Electrode Cable for 2023, 2025, 2026, 1110, 1111, 1112, 1113, 1114, 1115, 2x0.7mm, 3x0.7mm FemaleTP
- Wire Length: 1.0m, 1.5m, 2.0m, 2.5m
- Color: Red/ Black/ Green

Article #	Part #	Connector	Lead Length
2027	SEC-5P/2x0.7/1000	2x0.70mm	1000mm
2035	SEC-5P/2x0.7/1500	2x0.70mm	1500mm
2028	SEC-5P/2x0.7/2000	2x0.70mm	2000mm
2036	SEC-5P/2x0.7/2500	2x0.70mm	2500mm
2029	SEC-5P/3x0.7/1000	3x0.70mm	1000mm
2037	SEC-5P/3x0.7/1500	3x0.70mm	1500mm
2030	SEC-5P/3x0.7/2000	3x0.70mm	2000mm
2038	SEC-5P/3x0.7/2500	3x0.70mm	2500mm

### Shielded / Crocodile Clip Cable



- Crocodile Clip Cable for 2031
- Wire Length: 1.0m, 1.5m, 2.0m, 2.5m
- Color: Red/ Black/Green

Article #	Part #	Lead Length
2039	CCS 1000	1000mm
2032	CCS 1500	1500mm
2040	CCS 2000	2000mm
2041	CCS 2500	2500mm
2033	SEC-5P/3C/ 1000	1000mm
2042	SEC-5P/3C/ 1500	1500mm
2034	SEC-5P/3C/ 2000	2000mm
2043	SEC-5P/3C/ 2500	2500mm

### Disposable Nerve Locating Probes

Disposable nerve locating probes in different shapes are applied to different parts of human body by practitioners to stimulate the nerve and detect the original functional condition of nerve of surgical sites during the intraoperative process, or assist practitioners to analyse and determine whether neural function is normal or not during the intraoperative process or after the operation.

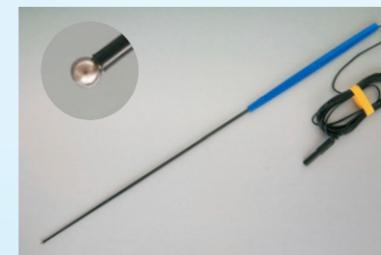
Generally, in the process of stimulation and detection, the probe shape and length should be chosen based on the following situations according to necessary monitoring range in operation and probe shape required by parts of human body:

1. Concentric nerve stimulator probe is mainly intended for small scope usage and the stimulating area is between 1.0mm<sup>2</sup> and 1.4mm<sup>2</sup>. The stimulating wave of electrical impulse from central electrode is controlled within the outer electrode. The stimulating area is within the range of millimeter which is not liable to cause strong stimulation.
2. Ball tip direct nerve stimulator probe, monopolar direct nerve stimulator probe and flush tip direct nerve stimulator probe are mainly applied to peripheral nerve stimulating. The stimulating area depends on the setting of return electrodes.
3. Bipolar direct nerve stimulator probes, double ball tip direct nerve stimulator probes and double hook nerve stimulator probes are mainly applied to stimulation and recording of peripheral nerve as well as recording of peripheral nerve conduction and identification and functional determination of nerve when the peripheral nerve is transplanted. The stimulating area is between two electrodes.
4. Triple hook nerve stimulator probes have the same function as the double ball tip direct nerve stimulator probes but the stimulus artifact is smaller (the stimulated current is spread in a controlled way).
5. Probe with long shaft is applied to bigger cavity or deeper cut during intraoperative process.

High-quality 304 stainless steel is used for this series of probes. The surface of probe itself possesses very great biocompatibility, high intensity and perfect flexibility and insulating material that can withstand high voltage in 1000V.

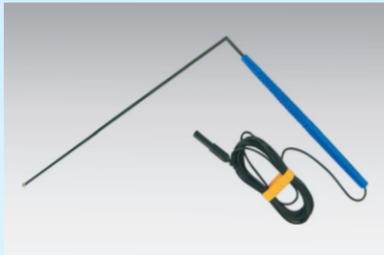
Since there is an insulated layer on the surface of probe itself and the body fluid is easy to access to insulation interlayer to form a barrier layer of a place that could hold dirt and filthy things, it is apt to make cross-infection. For this reason, this kind of probe can only be single-used and is never allowed to be used to different people.

### Disposable Nerve Locating Probes (Series)



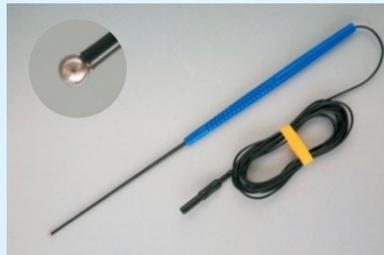
#### Disposable Ball Tip Direct Nerve Stimulator Probe

Article #: 3005  
 Part #: PNG2.3/160  
 Tip Diameter: 2.3mm  
 Probe Shaft Effective Length: 150–220mm  
 Q'ty per Box: 1pc



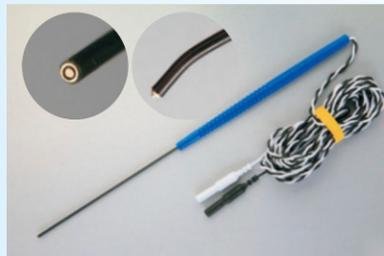
### Disposable Bent Ball Tip Nerve Stimulator Probe

Article #: 3006  
Part #: PNGB2.3/200  
Tip Diameter: 2.3mm  
Probe Shaft Effective Length: 175–200mm  
Q'ty per Box: 1pc



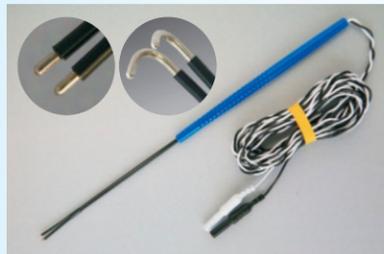
### Disposable Ball Tip Direct Nerve Stimulator Probe

Article #: 3004  
Part #: PNG2.3/90  
Tip Diameter: 2.3mm  
Probe Shaft Effective Length: 80–150mm  
Q'ty per Box: 1pc



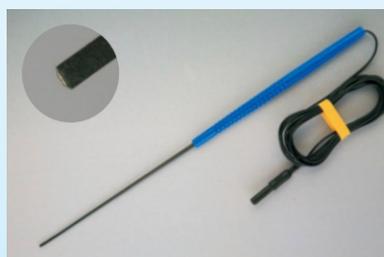
### Disposable (Bent) Concentric Nerve Stimulator Probe (Probe tip can be bent according to customer requirement)

Article #: 3007, 3008  
Part #: PNC1.3/90, PNCB1.3/90  
Tip Diameter: 1.3mm  
Probe Shaft Effective Length: 80–120mm  
Q'ty per Box: 1pc



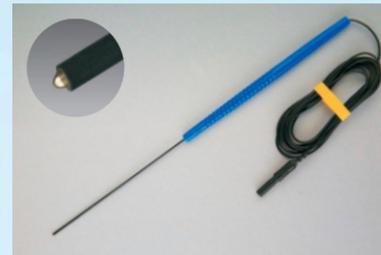
### Disposable Bipolar Direct (Bent) Nerve Stimulator Probe

Article #: 3002, 3017  
Part #: PNB0.8x2/90, PNBB0.8x2/90  
Tip Diameter: 0.8mm  
Probe Shaft Effective Length: 80–120mm  
Q'ty per Box: 1pc



### Disposable Flush Tip Direct Nerve Stimulator Probe

Article #: 3003  
Part #: PNT0.8/90  
Tip Diameter: 0.8mm  
Probe Shaft Effective Length: 80–150mm  
Q'ty per Box: 1pc



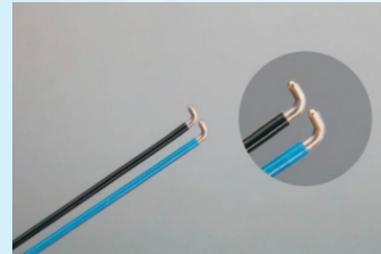
### Disposable Monopolar Direct Nerve Stimulator Probe

Article #: 3001  
Part #: PNM0.8/90  
Tip Diameter: 0.8mm  
Probe Shaft Effective Length: 80–120mm  
Q'ty per Box: 1pc



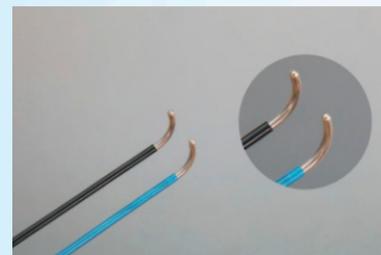
### Disposable Right Angle Double Hook Probes

Article #: 3011  
Part #: PNH1.2/80x2x90°  
Probe Diameter: 1.2mm  
Probe Shaft Effective Length: 70–120mm  
Double Hook Degree: 90°  
Probe Shaft Spacing: 5mm  
Q'ty per Box: 1pc



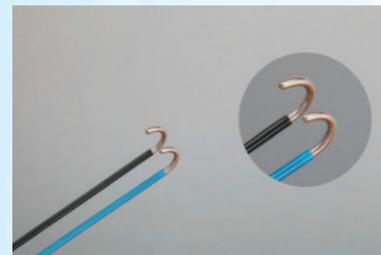
### Disposable Double Hook Nerve Stimulator Probes - 100 degree

Article #: 3009  
Part #: PNH1.2/80x2x100°  
Probe Diameter: 1.2mm  
Probe Shaft Effective Length: 70–120mm  
Double Hook Degree: 100°  
Probe Shaft Spacing: 5mm  
Q'ty per Box: 1pc



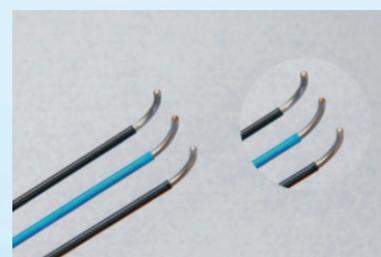
### Disposable Double Hook Nerve Stimulator Probes - 180 degree

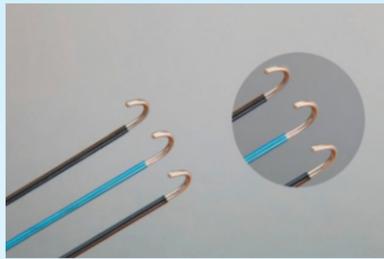
Article #: 3010  
Part #: PNH1.2/80x2x180°  
Probe Diameter: 1.2mm  
Probe Shaft Effective Length: 70–120mm  
Double Hook Degree: 180°  
Probe Shaft Spacing: 5mm  
Q'ty per Box: 1pc



### Disposable Triple Hook Nerve Stimulator Probes - 100 degree

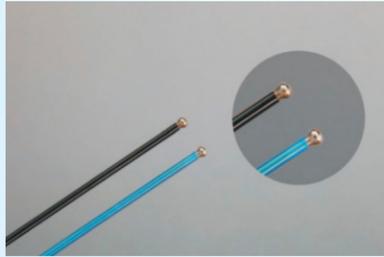
Article #: 3013  
Part #: PNH1.2/80x3x100°  
Probe Diameter: 1.2mm  
Probe Shaft Effective Length: 70–120mm  
Triple Hooks Arc Degree: 100°  
Probe Shaft Spacing: 5mm  
Q'ty per Box: 1pc





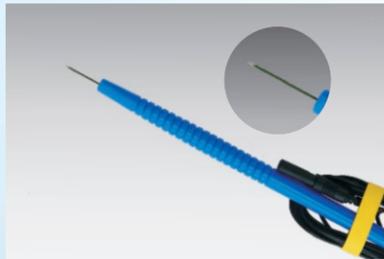
### Disposable Triple Hook Nerve Stimulator Probes - 180 degree

Article #: 3014  
 Part #: PNH1.2/80x3x180°  
 Probe Diameter: 1.2mm  
 Probe Shaft Effective Length: 70–120mm  
 Triple Hooks Arc Degree: 180°  
 Probe Shaft Spacing: 5mm  
 Q'ty per Box: 1pc



### Disposable Double Ball Tip Direct Nerve Stimulator Probes

Article #: 3012  
 Part #: PNHG2.0/80x2  
 Tip Diameter: 2.0mm  
 Probe Shaft Effective Length: 70–120mm  
 Probe Shaft Spacing: 5mm  
 Q'ty per Box: 1pc



### Disposable Needle Stimulator Probes

Article #: 3019, 3020, 3021  
 Part #: PNN0.4/13 PNN0.3/13 PNN0.25/13  
 Needle Diameter: 0.4mm/0.3mm/0.25mm  
 Needle Length: 13mm  
 Q'ty per Box: 12 pcs

### Medical EEG Cup Electrodes

Medical EEG Gold Cup Electrodes / Ag/AgCl Cup Electrodes / Ag Cup Electrodes  
 (Three Kinds of Wires: Long-Life Teflon Wire, PVC Wire and Silicone Wire, 10 Colors)



Article #	Part #	Lead Length
5030	DEG101500-TF	1500mm
5031	DEG102500-TF	2500mm
5032	DEG101500-SC	1500mm
5033	DEG102500-SC	2500mm
5034	DEG101500-PC	1500mm
5035	DEG102500-PC	2500mm



Article #	Part #	Lead Length
5040	DECL101500-TF	1500mm
5041	DECL102500-TF	2500mm
5042	DECL101500-SC	1500mm
5043	DECL102500-SC	2500mm
5044	DECL102500-PC	1500mm
5045	DECL102500-PC	2500mm



Article #	Part #	Lead Length
5050	DES101500-TF	1500mm
5051	DES102500-TF	2500mm
5052	DES101500-SC	1500mm
5053	DES102500-SC	2500mm
5054	DES101500-PC	1500mm
5055	DES102500-PC	2500mm



## Product List of Xi'an Friendship Medical Electronics Co., Ltd.

Series	Article No.	Part No.	Product Description
Disposable Sterile Corkscrew Needle Electrodes	1001	NES-D1-1200/0.6	Disposable Sterile Corkscrew Needle Electrodes, Single, Wire Length: 1.2m, 6 Colors, Needle Diameter: 0.6mm, Blue Hub
	1003	NES-D1-1500/0.6	Disposable Sterile Corkscrew Needle Electrodes, Single, Wire Length: 1.5m, 6 Colors, Needle Diameter: 0.6mm, Blue Hub
	1004	NES-D1-2000/0.6	Disposable Sterile Corkscrew Needle Electrodes, Single, Wire Length: 2.0m, 6 Colors, Needle Diameter: 0.6mm, Blue Hub
	1005	NES-D1-2500/0.6	Disposable Sterile Corkscrew Needle Electrodes, Single, Wire Length: 2.5m, 6 Colors, Needle Diameter: 0.6mm, Blue Hub
	1002	NES-D2-1200/0.6	Disposable Sterile Corkscrew Needle Electrodes, Twisted Pair, Wire Length: 1.2m, 12 Colors, Needle Diameter: 0.6mm, Blue Hub
	1006	NES-D2-1500/0.6	Disposable Sterile Corkscrew Needle Electrodes, Twisted Pair, Wire Length: 1.5m, 12 Colors, Needle Diameter: 0.6mm, Blue Hub
	1007	NES-D2-2000/0.6	Disposable Sterile Corkscrew Needle Electrodes, Twisted Pair, Wire Length: 2.0m, 12 Colors, Needle Diameter: 0.6mm, Blue Hub
	1008	NES-D2-2500/0.6	Disposable Sterile Corkscrew Needle Electrodes, Twisted Pair, Wire Length: 2.5m, 12 Colors, Needle Diameter: 0.6mm, Blue Hub
Disposable Sterile Subdermal Needle Electrodes (Single)	1010	NE-S-1000/13/0.4	Disposable Sterile Subdermal Needle Electrodes, Single, Wire Length: 1.0m, Needle Length: 13mm, Needle Diameter: 0.4mm, 6 colors
	1011	NE-S-1500/13/0.4	Disposable Sterile Subdermal Needle Electrodes, Single, Wire Length: 1.5m, Needle Length: 13mm, Needle Diameter: 0.4mm, 6 colors
	1012	NE-S-2000/13/0.4	Disposable Sterile Subdermal Needle Electrodes, Single, Wire Length: 2.0m, Needle Length: 13mm, Needle Diameter: 0.4mm, 6 colors
	1013	NE-S-2500/13/0.4	Disposable Sterile Subdermal Needle Electrodes, Single, Wire Length: 2.5m, Needle Length: 13mm, Needle Diameter: 0.4mm, 6 colors
	1040	NE-S-1500/7/0.35	Disposable Sterile Subdermal Needle Electrodes, Single, Wire Length: 1.5m, Needle Length: 7mm, Needle Diameter: 0.35mm, 6 colors
	1041	NE-S-1500/7/0.4	Disposable Sterile Subdermal Needle Electrodes, Single, Wire Length: 1.5m, Needle Length: 7mm, Needle Diameter: 0.40mm, 6 colors
	1042	NE-S-1500/17/0.45	Disposable Sterile Subdermal Needle Electrodes, Single, Wire Length: 1.5m, Needle Length: 17mm, Needle Diameter: 0.45mm, 6 colors
	1043	NE-S-1500/23/0.4	Disposable Sterile Subdermal Needle Electrodes, Single, Wire Length: 1.5m, Needle Length: 23mm, Needle Diameter: 0.40mm, 6 colors
	1050	NE-SS-100/13/0.4	Disposable Sterile Subdermal Needle Electrodes (Single) with Short Wire Length, Wire Length: 0.1m, Needle Length: 13mm, Needle Diameter: 0.4mm, White.
1051	NE-SSB-100/13/0.4	Disposable Sterile Subdermal Needle Electrodes (Single) with Short Wire Length, Bent in 36°, Wire Length: 0.1m, Needle Length: 13mm, Needle Diameter: 0.4mm, White.	
Medical Extension Lead Wire	1060	EW1000-P1/P2	Medical Extension Lead Wire for Disposable Sterile Subdermal Needle Electrodes, Wire Length: 1.0m, Color: P1 (Red/Orange/Yellow/Green/Blue/Purple), P2 (Black/White/Light Blue/Brown/Pink/Grey)
	1061	EW1500-P1/P2	Medical Extension Lead Wire for Disposable Sterile Subdermal Needle Electrodes, Wire Length: 1.5m, Color: P1 (Red/Orange/Yellow/Green/Blue/Purple), P2 (Black/White/Light Blue/Brown/Pink/Grey)
	1062	EW2000-P1/P2	Medical Extension Lead Wire for Disposable Sterile Subdermal Needle Electrodes, Wire Length: 2.0m, Color: P1 (Red/Orange/Yellow/Green/Blue/Purple), P2 (Black/White/Light Blue/Brown/Pink/Grey)
	1063	EW2500-P1/P2	Medical Extension Lead Wire for Disposable Sterile Subdermal Needle Electrodes, Wire Length: 2.5m, Color: P1 (Red/Orange/Yellow/Green/Blue/Purple), P2 (Black/White/Light Blue/Brown/Pink/Grey)
Disposable Sterile Subdermal Needle Electrodes (Twisted)	1020	NE-T-1000/13/0.4	Disposable Sterile Subdermal Needle Electrodes, Twisted Pair, Wire Length: 1.0m, Needle Length: 13mm, Needle Diameter: 0.4mm, 12 colors
	1021	NE-T-1500/13/0.4	Disposable Sterile Subdermal Needle Electrodes, Twisted Pair, Wire Length: 1.5m, Needle Length: 13mm, Needle Diameter: 0.4mm, 12 colors
	1022	NE-T-2000/13/0.4	Disposable Sterile Subdermal Needle Electrodes, Twisted Pair, Wire Length: 2.0m, Needle Length: 13mm, Needle Diameter: 0.4mm, 12 colors
	1023	NE-T-2500/13/0.4	Disposable Sterile Subdermal Needle Electrodes, Twisted Pair, Wire Length: 2.5m, Needle Length: 13mm, Needle Diameter: 0.4mm, 12 colors
	1024	NE-T-1500/7/0.4	Disposable Sterile Subdermal Needle Electrodes, Twisted Pair, Wire Length: 1.5m, Needle Length: 7mm, Needle Diameter: 0.4mm, 12 colors
	1028	NE-T-1500/19/0.4	Disposable Sterile Subdermal Needle Electrodes, Twisted Pair, Wire Length: 1.5m, Needle Length: 19mm, Needle Diameter: 0.4mm, 12 colors
	1034	NE-T6-1500/13/0.4	Disposable Sterile Subdermal Needle Electrodes, 6 Twisted Lead Wires, Wire Length: 1.5m, Needle Length: 13mm, Needle Diameter: 0.4mm, 6 colors
Disposable Sterile Subdermal Needle Electrodes (Parallel)	1029	NE-P-1000/13/0.4	Disposable Sterile Subdermal Needle Electrodes, 2 Parallel, Wire Length: 1.0m, Needle Length: 13mm, Needle Diameter: 0.40mm, 10 colors
	1025	NE-P-1500/13/0.4	Disposable Sterile Subdermal Needle Electrodes, 2 Parallel, Wire Length: 1.5m, Needle Length: 13mm, Needle Diameter: 0.40mm, 10 colors
	1026	NE-P-2000/13/0.4	Disposable Sterile Subdermal Needle Electrodes, 2 Parallel, Wire Length: 2.0m, Needle Length: 13mm, Needle Diameter: 0.40mm, 10 colors
	1027	NE-P-2500/13/0.4	Disposable Sterile Subdermal Needle Electrodes, 2 Parallel, Wire Length: 2.5m, Needle Length: 13mm, Needle Diameter: 0.40mm, 10 colors
	1045	NE-P-1500/17/0.45	Disposable Sterile Subdermal Needle Electrodes, 2 Parallel, Wire Length: 1.5m, Needle Length: 17mm, Needle Diameter: 0.45mm, 10 Colors
1031	NE-P6-1500/13/0.4	Disposable Sterile Subdermal Needle Electrodes, 6 Parallel Lead Wires, Wire Length: 1.5m, Needle Length: 13mm, Needle Diameter: 0.4mm, 6 colors	

## Product List of Xi'an Friendship Medical Electronics Co., Ltd.

Series	Article No.	Part No.	Product Description
Disposable Sterile Botox Needle Electrodes	1120	NEBN2530	Disposable Sterile Botox Needle Electrodes, Needle Diameter: 0.30mm, Needle Length: 25mm, Orange
	1121	NEBN2535	Disposable Sterile Botox Needle Electrodes, Needle Diameter: 0.35mm, Needle Length: 25mm, Green
	1122	NEBN3040	Disposable Sterile Botox Needle Electrodes, Needle Diameter: 0.40mm, Needle Length: 30mm, Purple
	1123	NEBN3845	Disposable Sterile Botox Needle Electrodes, Needle Diameter: 0.45mm, Needle Length: 38mm, Blue
	1124	NEBN5050	Disposable Sterile Botox Needle Electrodes, Needle Diameter: 0.50mm, Needle Length: 50mm, Red
	1125	NEBN7565	Disposable Sterile Botox Needle Electrodes, Needle Diameter: 0.65mm, Needle Length: 75mm, Yellow
ENT Dual Disposable Needle Electrodes	1201	NE-D1-1000/12/0.4	ENT Dual Disposable Needle Electrodes, Wire Length: 1.0m, Needle Length: 12mm, Needle Diameter: 0.4mm
	1202	NE-D1-1500/12/0.4	ENT Dual Disposable Needle Electrodes, Wire Length: 1.5m, Needle Length: 12mm, Needle Diameter: 0.4mm
	1203	NE-D1-2000/12/0.4	ENT Dual Disposable Needle Electrodes, Wire Length: 2.0m, Needle Length: 12mm, Needle Diameter: 0.4mm
	1204	NE-D1-2500/12/0.4	ENT Dual Disposable Needle Electrodes, Wire Length: 2.5m, Needle Length: 12mm, Needle Diameter: 0.4mm
Disposable EMG Concentric Needle Electrodes	1070	NEC2530	Disposable EMG Concentric Needle Electrodes, Needle Diameter: 0.30mm, Needle Length: 25mm, Orange
	1071	NEC2535	Disposable EMG Concentric Needle Electrodes, Needle Diameter: 0.35mm, Needle Length: 25mm, Green
	1072	NEC3040	Disposable EMG Concentric Needle Electrodes, Needle Diameter: 0.40mm, Needle Length: 30mm, Purple
	1073	NEC3845	Disposable EMG Concentric Needle Electrodes, Needle Diameter: 0.45mm, Needle Length: 38mm, Blue
	1074	NEC5050	Disposable EMG Concentric Needle Electrodes, Needle Diameter: 0.50mm, Needle Length: 50mm, Red
	1075	NEC7565	Disposable EMG Concentric Needle Electrodes, Needle Diameter: 0.65mm, Needle Length: 75mm, Yellow
	1080	CCN1000	Cable for Disposable EMG Concentric Needle Electrodes, Cable length: 1.0m, White
	1081	CCN1500	Cable for Disposable EMG Concentric Needle Electrodes, Cable length: 1.5m, White
	1082	CCN2000	Cable for Disposable EMG Concentric Needle Electrodes, Cable length: 2.0m, White
	1083	CCN2500	Cable for Disposable EMG Concentric Needle Electrodes, Cable length: 2.5m, White
1084	CCN3000	Cable for Disposable EMG Concentric Needle Electrodes, Cable length: 3.0m, White	
Disposable EMG Monopolar Needle Electrodes	1090	NEM2025	Disposable EMG Monopolar Needle Electrodes, Needle Diameter: 0.25mm, Needle Length: 20mm, Orange
	1091	NEM2530	Disposable EMG Monopolar Needle Electrodes, Needle Diameter: 0.30mm, Needle Length: 25mm, Green
	1092	NEM2535	Disposable EMG Monopolar Needle Electrodes, Needle Diameter: 0.35mm, Needle Length: 25mm, Purple
	1093	NEM3040	Disposable EMG Monopolar Needle Electrodes, Needle Diameter: 0.40mm, Needle Length: 30mm, Blue
	1094	NEM3845	Disposable EMG Monopolar Needle Electrodes, Needle Diameter: 0.45mm, Needle Length: 38mm, Red
	1095	NEM5050	Disposable EMG Monopolar Needle Electrodes, Needle Diameter: 0.50mm, Needle Length: 50mm, Yellow
	1096	NEM7565	Disposable EMG Monopolar Needle Electrodes, Needle Diameter: 0.65mm, Needle Length: 75mm, Black
	1103	CMN1000	Cable for Disposable EMG Monopolar Needle Electrodes, Cable length: 1.0m, Color: Black, Red
	1100	CMN1500	Cable for Disposable EMG Monopolar Needle Electrodes, Cable length: 1.5m, Color: Black, Red
	1101	CMN2000	Cable for Disposable EMG Monopolar Needle Electrodes, Cable length: 2.0m, Color: Black, Red
1102	CMN2500	Cable for Disposable EMG Monopolar Needle Electrodes, Cable length: 2.5m, Color: Black, Red	
1104	CMN3000	Cable for Disposable EMG Monopolar Needle Electrodes, Cable length: 3.0m, Color: Black, Red	
Disposable EMG Sensory Needle	1110	SN1535	Disposable EMG Sensory Needle, Insulated, Designed for Recording Leading Off Potentials from Sensory Nerves, Needle Diameter: 0.35mm, Needle Length: 15mm. Use with Shielded Electrode Cables.
	1111	SN2040	Disposable EMG Sensory Needle, Insulated, Designed for Recording Leading Off Potentials from Sensory Nerves, Needle Diameter: 0.40mm, Needle Length: 20mm. Use with Shielded Electrode Cables.
	1112	SN3040	Disposable EMG Sensory Needle, Insulated, Designed for Recording Leading Off Potentials from Sensory Nerves, Needle Diameter: 0.40mm, Needle Length: 30mm. Use with Shielded Electrode Cables.

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Series	Article No.	Part No.	Product Description
Disposable EMG Sensory Needle	1113	SN1565	Disposable EMG Sensory Needle, Insulated, Designed for Recording Leading Off Potentials from Sensory Nerves, Needle Diameter: 0.65mm, Needle Length: 15mm. Use with Shielded Electrode Cables.
	1114	SN3065	Disposable EMG Sensory Needle, Insulated, Designed for Recording Leading Off Potentials from Sensory Nerves, Needle Diameter: 0.65mm, Needle Length: 30mm. Use with Shielded Electrode Cables.
	1115	SN5065	Disposable EMG Sensory Needle, Insulated, Designed for Recording Leading Off Potentials from Sensory Nerves, Needle Diameter: 0.65mm, Needle Length: 50mm. Use with Shielded Electrode Cables.
Disposable Surface Electrodes	2001	SEAg-S-2000/35×50	Disposable Surface Electrodes (Pre-gelled Ag/AgCl, Ground), Wire Length: 2.0m, Size: 35mm×50mm, Green
	2010	SEAg-S-2500/35×50	Disposable Surface Electrodes (Pre-gelled Ag/AgCl, Ground), Wire Length: 2.5m, Size: 35mm×50mm, Green
	2002	SEAg-S-1500/15×20	Disposable Surface Electrodes (Pre-gelled Ag/AgCl, Single), Wire Length: 1.5m, Size: 15mm×20mm, 4 Colors
	2003	SEAg-S-2500/15×20	Disposable Surface Electrodes (Pre-gelled Ag/AgCl, Single), Wire Length: 2.5m, Size: 15mm×20mm, 4 Colors
	2004	SEAg-S-1500/20×27	Disposable Surface Electrodes (Pre-gelled Ag/AgCl, Single), Wire Length: 1.5m, Size: 20mm×27mm, 4 Colors
	2005	SEAg-S-2500/20×27	Disposable Surface Electrodes (Pre-gelled Ag/AgCl, Single), Wire Length: 2.5m, Size: 20mm×27mm, 4 Colors
	2020	SEAg-S-1000/20	Disposable Surface Electrodes (Pre-gelled Ag/AgCl, Round, Single), Wire Length: 1.0m, Pad Diameter: 20mm, 4 Colors
	2021	SEAg-S-1500/20	Disposable Surface Electrodes (Pre-gelled Ag/AgCl, Round, Single), Wire Length: 1.5m, Pad Diameter: 20mm, 4 Colors
	2022	SEAg-S-100/15×20	Disposable Surface Electrodes (Pre-gelled Ag/AgCl, Single), Wire Length: 10cm, Size: 15mm×20mm, Color: White
	2023	SEAg-S-0.7/100/15×20	Disposable Surface Electrodes (Pre-gelled Ag/AgCl, Single), Wire Length: 10cm, Size: 15mm×20mm, 0.7mm Male Connector, Color: White
	2006	SEAg-T-1500/15×20	Disposable Surface Electrodes (Pre-gelled Ag/AgCl, Twisted Pair), Wire Length: 1.5m, Size: 15mm×20mm, 4 Colors
	2007	SEAg-T-2500/15×20	Disposable Surface Electrodes (Pre-gelled Ag/AgCl, Twisted Pair), Wire Length: 2.5m, Size: 15mm×20mm, 4 Colors
	2008	SEAg-T-1500/20×27	Disposable Surface Electrodes (Pre-gelled Ag/AgCl, Twisted Pair), Wire Length: 1.5m, Size: 20mm×27mm, 4 Colors
	2009	SEAg-T-2500/20×27	Disposable Surface Electrodes (Pre-gelled Ag/AgCl, Twisted Pair), Wire Length: 2.5m, Size: 20mm×27mm, 4 Colors
	2011	SEAg-P-1500/15×20	Disposable Surface Electrodes (Pre-gelled Ag/AgCl, Parallel), Wire Length: 1.5m, Size: 15mm×20mm, 4 Colors
	2012	SEAg-P-2500/15×20	Disposable Surface Electrodes (Pre-gelled Ag/AgCl, Parallel), Wire Length: 2.5m, Size: 15mm×20mm, 4 Colors
	2013	SEAg-P-1500/20×27	Disposable Surface Electrodes (Pre-gelled Ag/AgCl, Parallel), Wire Length: 1.5m, Size: 20mm×27mm, 4 Colors
	2014	SEAg-P-2500/20×27	Disposable Surface Electrodes (Pre-gelled Ag/AgCl, Parallel), Wire Length: 2.5m, Size: 20mm×27mm, 4 Colors
	2024	SEAg-C-1.5/800/22×30	Disposable Surface Electrodes (Central, Ag/AgCl), Size: 22×30mm, Single, Wire Length: 0.8m, 4 Colors
	2025	SEAg-C-0.7/100/22×30	Disposable Surface Electrodes (Central, Ag/AgCl), Size: 22×30mm, Single, Wire Length: 10cm, 0.7mm Male Connector, Color: White
	2026	SEAg-C-0.7/100/14×24	Disposable Surface Electrodes (Central, Ag/AgCl), Size: 14×24mm, Single, Wire Length: 0.1m, 0.7mm Male Connector, Color: White
	2027	SEC-5P/2×0.7/1000	Shielded Electrode Cable for 2023, 2025, 2026, 1110, 1111, 1112, 1113, 1114, 1115, 2×0.7mm Female TP, Wire Length: 1.0m, Color: Red/Black
	2035	SEC-5P/2×0.7/1500	Shielded Electrode Cable for 2023, 2025, 2026, 1110, 1111, 1112, 1113, 1114, 1115, 2×0.7mm Female TP, Wire Length: 1.5m, Color: Red/Black
	2028	SEC-5P/2×0.7/2000	Shielded Electrode Cable for 2023, 2025, 2026, 1110, 1111, 1112, 1113, 1114, 1115, 2×0.7mm Female TP, Wire Length: 2.0m, Color: Red/Black
	2036	SEC-5P/2×0.7/2500	Shielded Electrode Cable for 2023, 2025, 2026, 1110, 1111, 1112, 1113, 1114, 1115, 2×0.7mm Female TP, Wire Length: 2.5m, Color: Red/Black
	2029	SEC-5P/3×0.7/1000	Shielded Electrode Cable for 2023, 2025, 2026, 1110, 1111, 1112, 1113, 1114, 1115, 3×0.7mm Female TP, Wire Length: 1.0m, Color: Red/Black/Green
	2037	SEC-5P/3×0.7/1500	Shielded Electrode Cable for 2023, 2025, 2026, 1110, 1111, 1112, 1113, 1114, 1115, 3×0.7mm Female TP, Wire Length: 1.5m, Color: Red/Black/Green
	2030	SEC-5P/3×0.7/2000	Shielded Electrode Cable for 2023, 2025, 2026, 1110, 1111, 1112, 1113, 1114, 1115, 3×0.7mm Female TP, Wire Length: 2.0m, Color: Red/Black/Green
	2038	SEC-5P/3×0.7/2500	Shielded Electrode Cable for 2023, 2025, 2026, 1110, 1111, 1112, 1113, 1114, 1115, 3×0.7mm Female TP, Wire Length: 2.5m, Color: Red/Black/Green
	2031	SEAg-J-22×32	Disposable Surface Electrodes (Central, Ag/AgCl), Without Lead Wire, Use with Mini-Crocodile Clips, Size: 22×32mm
	2039	CCS1000	Crocodile Clip Cable for 2031, Wire Length: 1.0m, Color: Red, Green, Black
	2032	CCS1500	Crocodile Clip Cable for 2031, Wire Length: 1.5m, Color: Red, Green, Black
	2040	CCS2000	Crocodile Clip Cable for 2031, Wire Length: 2.0m, Color: Red, Green, Black
2041	CCS2500	Crocodile Clip Cable for 2031, Wire Length: 2.5m, Color: Red, Green, Black	
2033	SEC-5P/3C/1000	Shielded Crocodile Clip Cable for 2031, Wire Length: 1.0m, 3 Color-coded Clips, Color: Red/Black/Green	
2042	SEC-5P/3C/1500	Shielded Crocodile Clip Cable for 2031, Wire Length: 1.5m, 3 Color-coded Clips, Color: Red/Black/Green	
2034	SEC-5P/3C/2000	Shielded Crocodile Clip Cable for 2031, Wire Length: 2.0m, 3 Color-coded Clips, Color: Red/Black/Green	
2043	SEC-5P/3C/2500	Shielded Crocodile Clip Cable for 2031, Wire Length: 2.5m, 3 Color-coded Clips, Color: Red/Black/Green	

## Product List of Xi'an Friendship Medical Electronics Co., Ltd.

Series	Article No.	Part No.	Product Description
Disposable Nerve Locating Probes	3001	PNM0.8/90	Disposable Monopolar Direct Nerve Stimulator Probe, Probe Shaft Effective Length: 80-120mm, Tip Diameter: 0.8mm, Wire Length: 2.0m
	3015	PNM1.0/275	Disposable Monopolar Direct Nerve Stimulator Probe, Probe Shaft Effective Length: 275mm, Tip Diameter: 1.0mm, Wire Length: 2.0m
	3016	PNM1.0/294	Disposable Monopolar Direct Nerve Stimulator Probe, Probe Shaft Effective Length: 295mm, Tip Diameter: 1.0mm, Wire Length: 2.0m
	3002	PNB0.8×2/90	Disposable Bipolar Direct Nerve Stimulator Probe, Probe Shaft Effective Length: 80-120mm, Tip Diameter: 0.8mm, Wire Length: 2.0m
	3017	PNBB0.8×2/90	Disposable Bipolar Bent Nerve Stimulator Probe, Probe Shaft Effective Length: 80-120mm, Tip Diameter: 0.8mm, Wire Length: 2.0m
	3003	PNT0.8/90	Disposable Flush Tip Direct Nerve Stimulator Probe, Probe Shaft Effective Length: 80-150mm, Tip Diameter: 0.8mm, Wire Length: 2.0m
	3004	PNG2.3/90	Disposable Ball Tip Direct Nerve Stimulator Probe, Probe Shaft Effective Length: 80-150mm, Tip Diameter: 2.3mm, Wire Length: 2.0m
	3005	PNG2.3/160	Disposable Ball Tip Direct Nerve Stimulator Probe, Probe Shaft Effective Length: 150-220mm, Tip Diameter: 2.3mm, Wire Length: 2.0m
	3018	PNHG2.3/160	Disposable Ball Tip Direct Nerve Stimulator Probe, Probe Shaft Effective Length: 150-220mm, Tip Diameter: 2.3mm, Wire Length: 0.1m
	3006	PNGB2.3/200	Disposable Bent Ball Tip Stimulator Probe, Probe Shaft Effective Length: 175-200mm, Tip Diameter: 2.3mm, Wire Length: 2.0m
	3007	PNC1.3/90	Disposable Concentric Direct Nerve Stimulator Probe, Probe Shaft Effective Length: 80-120mm, Tip Diameter: 1.3mm, Wire Length: 2.0m
	3008	PNCB1.3/90	Disposable Bent Concentric Nerve Stimulator Probe, Probe Shaft Effective Length: 80-120mm, Tip Diameter: 1.3mm, Wire Length: 2.0m, Bent Tip Length: 6mm
	3009	PNH1.2/80×2×100°	Disposable Double Hook Nerve Stimulator Probes, Probe Shaft Effective Length: 70-120mm, Probe Diameter: 1.2mm, Hook Degree: 100°, Wire Length: 2.0m
	3010	PNH1.2/80×2×180°	Disposable Double Hook Nerve Stimulator Probes, Probe Shaft Effective Length: 70-120mm, Probe Diameter: 1.2mm, Hook Degree: 180°, Wire Length: 2.0m
	3013	PNH1.2/80×3×100°	Disposable Triple Hook Nerve Stimulator Probes, Probe Shaft Effective Length: 70-120mm, Probe Diameter: 1.2mm, Hook Degree: 100°, Wire Length: 2.0m
	3014	PNH1.2/80×3×180°	Disposable Triple Hook Nerve Stimulator Probes, Probe Shaft Effective Length: 70-120mm, Probe Diameter: 1.2mm, Hook Degree: 180°, Wire Length: 2.0m
	3011	PNH1.2/80×2×90°	Disposable Right Angle Double Hook Probes, Probe Shaft Effective Length: 70-120mm, Probe Diameter: 1.2mm, Hook Degree: 90°, Wire Length: 2.0m
	3012	PNHG2.0/80×2	Disposable Double Ball Tip Direct Nerve Stimulator Probes, Probe Shaft Effective Length: 70-120mm, Ball Diameter: 2.0mm, Wire Length: 2.0m
	3019	PNN 0.4/13	Disposable Needle Stimulator Probes, Needle Length: 13mm, Needle Diameter: 0.4mm
	3020	PNN 0.3/13	Disposable Needle Stimulator Probes, Needle Length: 13mm, Needle Diameter: 0.3mm
	3021	PNN0.25/13	Disposable Needle Stimulator Probes, Needle Length: 13mm, Needle Diameter: 0.25mm
Medical EEG Cup Electrodes	5032	DEG101500-SC	Medical EEG Gold Cup Electrodes, Electrode Diameter: 10mm, Wire Length: 1.5m, 10 Colors, Silicon Wire
	5033	DEG102500-SC	Medical EEG Gold Cup Electrodes, Electrode Diameter: 10mm, Wire Length: 2.5m, 10 Colors, Silicon Wire
	5034	DEG101500-PC	Medical EEG Gold Cup Electrodes, Electrode Diameter: 10mm, Wire Length: 1.5m, 10 Colors, PVC Wire
	5035	DEG102500-PC	Medical EEG Gold Cup Electrodes, Electrode Diameter: 10mm, Wire Length: 2.5m, 10 Colors, PVC Wire
	5030	DEG101500-TF	Medical EEG Gold Cup Electrodes, Electrode Diameter: 10mm, Wire Length: 1.5m, 10 Colors, Teflon Wire
	5031	DEG102500-TF	Medical EEG Gold Cup Electrodes, Electrode Diameter: 10mm, Wire Length: 2.5m, 10 Colors, Teflon Wire
	5042	DECL101500-SC	Medical EEG Ag/AgCl Cup Electrodes, Electrode Diameter: 10mm, Wire Length: 1.5m, 10 Colors, Silicon Wire
	5043	DECL102500-SC	Medical EEG Ag/AgCl Cup Electrodes, Electrode Diameter: 10mm, Wire Length: 2.5m, 10 Colors, Silicon Wire
	5044	DECL101500-PC	Medical EEG Ag/AgCl Cup Electrodes, Electrode Diameter: 10mm, Wire Length: 1.5m, 10 Colors, PVC Wire
	5045	DECL102500-PC	Medical EEG Ag/AgCl Cup Electrodes, Electrode Diameter: 10mm, Wire Length: 2.5m, 10 Colors, PVC Wire
	5040	DECL101500-TF	Medical EEG Ag/AgCl Cup Electrodes, Electrode Diameter: 10mm, Wire Length: 1.5m, 10 Colors, Teflon Wire
	5041	DECL102500-TF	Medical EEG Ag/AgCl Cup Electrodes, Electrode Diameter: 10mm, Wire Length: 2.5m, 10 Colors, Teflon Wire
	5052	DES101500-SC	Medical EEG Silver Cup Electrodes, Electrode Diameter: 10mm, Wire Length: 1.5m, 10 Colors, Silicon Wire
	5053	DES102500-SC	Medical EEG Silver Cup Electrodes, Electrode Diameter: 10mm, Wire Length: 2.5m, 10 Colors, Silicon Wire
	5054	DES101500-PC	Medical EEG Silver Cup Electrodes, Electrode Diameter: 10mm, Wire Length: 1.5m, 10 Colors, PVC Wire
5055	DES102500-PC	Medical EEG Silver Cup Electrodes, Electrode Diameter: 10mm, Wire Length: 2.5m, 10 Colors, PVC Wire	
5050	DES101500-TF	Medical EEG Silver Cup Electrodes, Electrode Diameter: 10mm, Wire Length: 1.5m, 10 Colors, Teflon Wire	
5051	DES102500-TF	Medical EEG Silver Cup Electrodes, Electrode Diameter: 10mm, Wire Length: 2.5m, 10 Colors, Teflon Wire	
Digital Ring Electrode	4001	DRE3000	Disposable Digital Ring Electrodes, Wire Length: 3.0m
Din Jack	6001	DJ-1.5	Medical Din Jack, Pin Diameter: 1.5mm, Gold-Plated, 4 Colors