

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.

Disposable Sterile Subdermal Needle Electrodes

Application: The medical needle electrode is mainly used by medical practitioners to collect bioelectric signals (EEG, ECG and EMG) from corresponding parts of human bodies during clinical diagnosis, examination, treatment and surgical operations and transmit such signals to nerve monitors, electroencephalograph (EEG), electrocardiograph (ECG), electromyography (EMG) for processing, analysis and diagnosis. Also the subdermal needle electrodes can be used to transmit low-frequency pulse wave sent by the low-frequency therapeutic apparatus to the subcutaneous tissues of patients so as to stimulate peripheral nerves, activate and pace potentials of palsied peripheral nerves of patients.

The advantages of this product are as follows:

1. The product is made of selected vacuum-smelted, high-elastic and medical grade stainless steel wires and is grinded with special processes.
2. The sterile disposable subdermal needle electrodes can be divided into two kinds:
 - A. The sharpening electrode needle with bevel small-angle can mitigate bleedings from needle-punched points and reduce pain.
 - B. The taper electrode needle has a major advantage that no bleeding or ache feelings are caused at the needle-punched points, no nerves are cut off and no subcutaneous tissues are destroyed. It makes little damage and can rotate;
3. The high-quality silver welding process and gilded anti-oxidation and safe touch-defense connector (DIN 42802) are used between needle and lead wire. In this way, the reliability and stability of conductance can be improved and the resistance is greatly lowered.
4. Number each part of human body on left and right sides in 12 colors so as to easily distinguish electric signals of each part.
5. We adopt the mini-packaging pouches that are made of Tyvek 1059B dialysis paper produced by American DUPONT, with advantages of better EO sterilization and dialysis performance, thorough sterilization and higher efficiency in anti-virus. The dialysis paper we use has a higher intensity than common paper.
6. It is very convenient for operators to tear with tip sealing methods. The mini-style is portable to operators. The lead wires wind beautifully and orderly in the pouches and they stretch out immediately without knots or windings when pouches are opened on the operation platform. It is easy to operate.
7. The twisted pair is a piece of sound conducting wire with effective anti-electrical interference and noise-reduction capacity.
8. Many varieties and specifications are available and customers can select in the range of 1.0m, 1.2m, 1.5m, 2.0m and 2.5m.

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

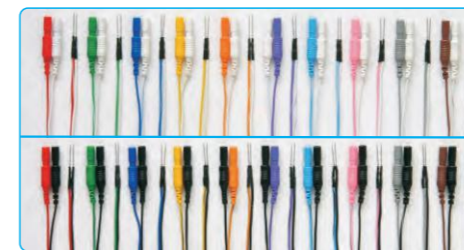
Disposable Sterile Subdermal Needle Electrodes (Twisted, Multicolor)



- 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

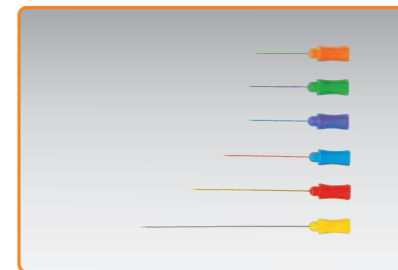
Disposable Sterile Subdermal Needle Electrodes
(Needle with Short Wire Length and Needle with Short Wire Length bent in 36°)



- 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

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

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

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

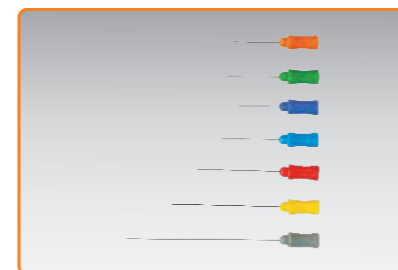
Disposable Sterile Botox Needle Electrodes



- 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

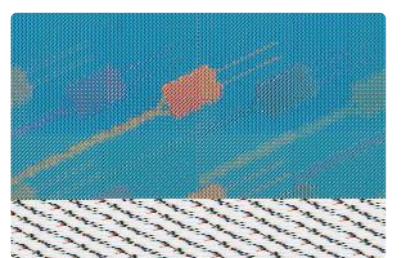
Disposable EMG Monopolar Needle Electrodes



- 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

ENT Dual Disposable Needle Electrodes



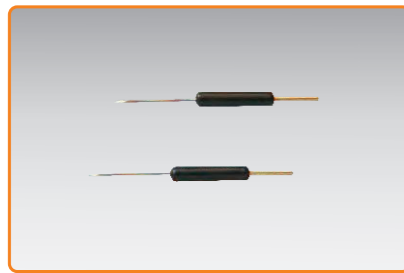
Article #	Part #	Lead Length
1201	NE-D1-1000/12/0.4	1000mm
1202	NE-D1-1500/12/0.4	1500mm
1203	NE-D1-2000/12/0.4	2000mm
1204	NE-D1-2500/12/0.4	2500mm

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)

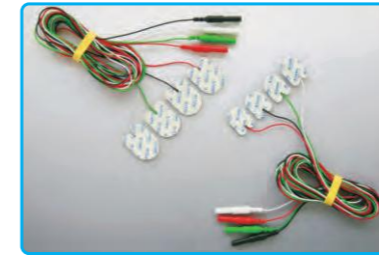
The disposable surface electrode is an electrode combining nanometer silver/silver chloride conductive film and conductive gel together. When the disposable surface electrode is applied, the EC signals between the electrode pad and the skin are transmitted by a layer of irreversible high-tech material 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.

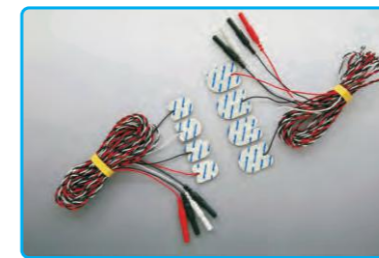
Disposable Surface Electrodes (Pre-gelled Ag/AgCl, Single)



- 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

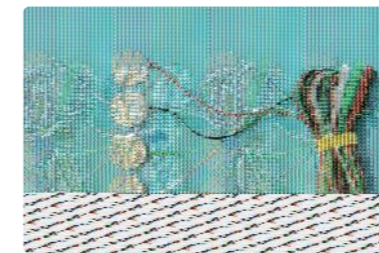
Disposable Surface Electrodes (Pre-gelled Ag/AgCl, Twisted-pair)



- 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

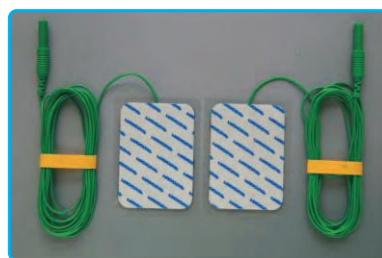
Disposable Surface Electrodes (Pre-gelled Ag/AgCl, Round, Single)



- 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

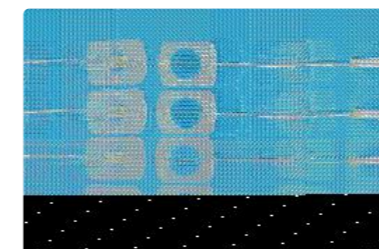
Disposable Surface Electrodes (Pre-gelled Ag/AgCl, Ground)



- 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

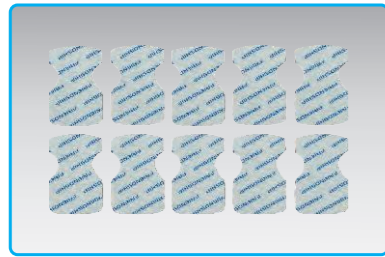
Disposable Surface Electrodes (Central, Ag/AgCl) (with Lead Wire)



- 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

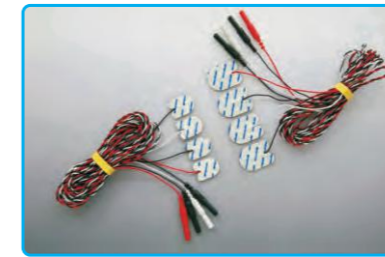
Disposable Surface Electrodes (Central, Ag/AgCl) (Use with Mini-Crocodile Clip)



- 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

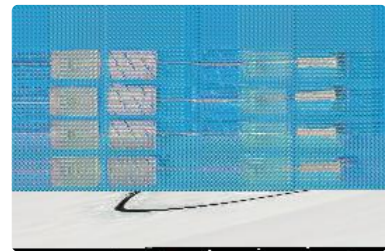
Disposable Surface Electrodes (Pre-gelled Ag/AgCl, Parallel)



- 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

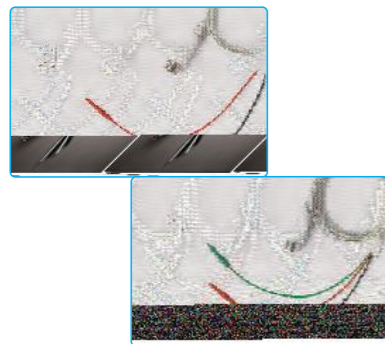
Disposable Surface Electrodes (Central, Ag/AgCl) (with Lead Wire)



- 0.7mm pin
- 300 pieces per Box

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

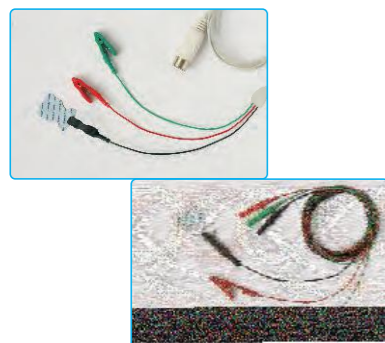
Shielded Electrode Cable



- 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.

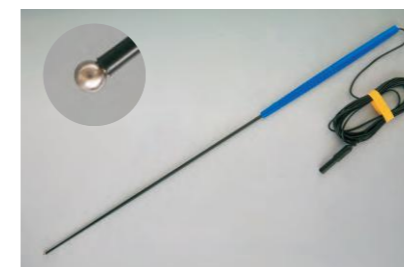
Generally, in the process of stimulation and detection, the probe shape and length should be chosen based on the following situations according to necessary monitoring range in operation and probe shape required by parts of human body:

1. Concentric nerve stimulator probe is mainly intended for small scope usage and the stimulating area is between 1.0mm² and 1.4mm². 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.

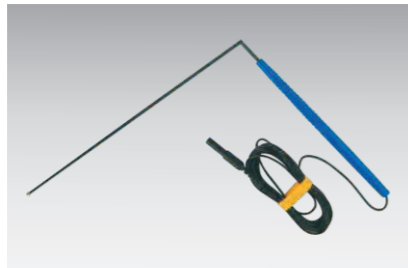
Since there is an insulated layer on the surface of probe itself and the body fluid is easy to access to insulation interlayer to form a barrier layer of a place that could hold dirt and filthy things, it is apt to make cross-infection. For this reason, this kind of probe can only be single-used and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

Disposable Nerve Locating Probes (Series)



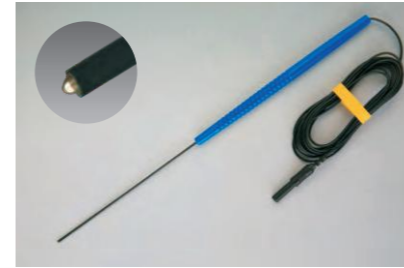
Disposable Ball Tip Direct Nerve Stimulator Probe

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



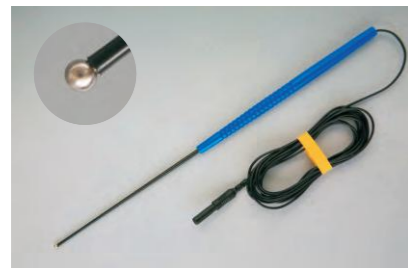
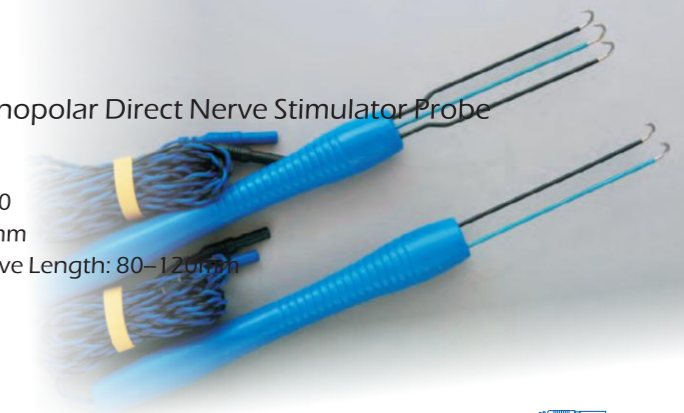
Disposable Bent Ball Tip Nerve Stimulator Probe

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



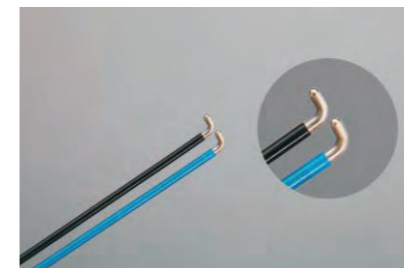
Disposable Monopolar Direct Nerve Stimulator Probe

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



Disposable 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



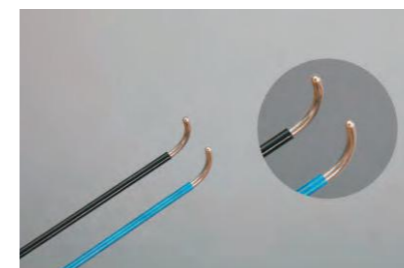
Disposable Right Angle Double Hook Probes

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



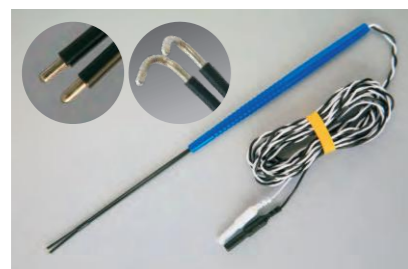
Disposable (Bent) Concentric Nerve Stimulator Probe (Probe tip can be bent according to customer requirement)

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



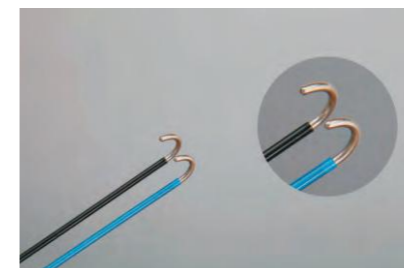
Disposable Double Hook Nerve Stimulator Probes - 100 degree

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 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



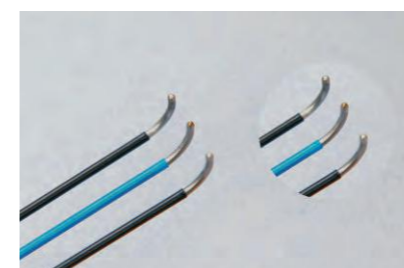
Disposable Double Hook Nerve Stimulator Probes - 180 degree

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



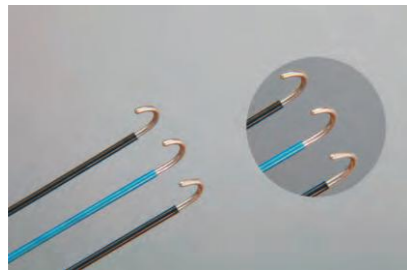
Disposable Flush Tip Direct Nerve Stimulator Probe

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



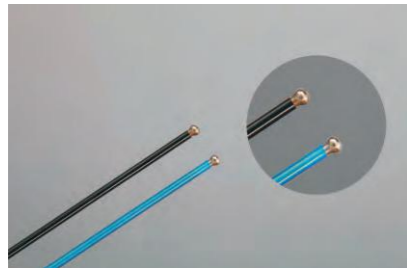
Disposable Triple Hook Nerve Stimulator Probes - 100 degree

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



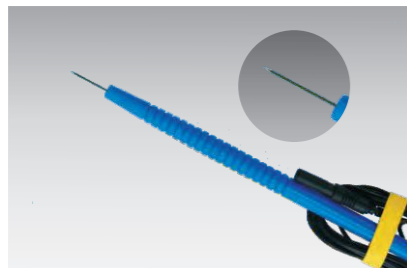
Disposable Triple Hook Nerve Stimulator Probes -180 degree

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

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