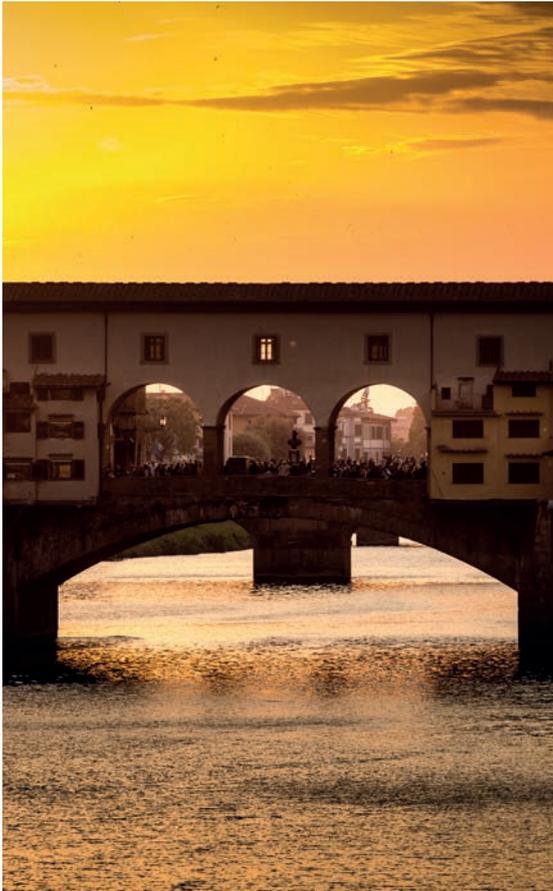


# *Accessories Portfolio*



# Company profile



Founded in 1864, the scientific instruments industry **Officine Galileo** established, during the 50's, a new Neurodiagnostic Division, the first in Italy. During the 80's it became an independent company named **ESAOTE** and in 1998 a branch of it joined a company named **BASIS** establishing **EB Neuro**, a new industrial subject only devoted to Neurodiagnostic.

Actually EB Neuro, privately owned, is one of the main worldwide players in the Neurodiagnostic market both with its own brand and with **OEM** products. In 2012, EB Neuro expanded its product portfolio through a company fusion with another Italian company of the same market segment named **ATES Medica Device**.

**In 2018, EB Neuro celebrated an important milestone: the 20th year of activity.** Our development in all these years has been driven by ongoing commitment to improving public health especially in the neurological field.

Present today in more than 50 countries through an extensive network of distributors, EB Neuro provides state-of-the-art diagnostic solutions that improve patient health.

Thanks to a great cooperation with relevant research organizations and Key Opinion Leaders, EB Neuro wants to further develop its traditional leading role in the innovation of new technologies for EEG/LTM, EMG/EP, Magnetic Transcranial Stimulation and Cardiology.



# Our Pillars



## INNOVATION

The R&D sites in Florence and Colognola ai Colli (VR) represent two centres of excellence, historically and universally recognized in the field of diagnostic sector.



## QUALITY

The quality management system, structured according to ISO 9001 and ISO 13485, is the instrument with which EB Neuro pursues the continuous improvement of its processes, products and services.



## SECURITY

The attention to safety allows to maintain high quality standards, recognized by the certifications for which we are qualified (CE marking to Directive 93/42/CEE and 2007/47CEE).



## SUPPORT

Highly qualified service, in terms of technical and specialist assistance, remotely and "on site", for hardware and software installation, configuration of devices and peripherals, optimization of software procedures.

## ABOUT US

EB Neuro in the world. **155 Countries.**



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# Prewired Headcaps





The **Prewired Headcaps** are an extremely useful accessory for **Routine EEG** and **LTM Applications**.

EB Neuro offers Prewired Headcaps in **8 sizes** (1 for Newborn, 3 for Pediatric, 4 for Adult) with **6 layouts** (10, 21, 25, 32, 64, 128 electrodes). The electrodes are placed and labeled according to the International Standards (10-20, 10-10, 10-5) and can be provided in **3 materials** such as **Tin, Ag/AgCl** or **Ag/Au** and **2 shapes** (Standard or Cylindrical).

The added value for the exam result is given by the high quality of the twisted, anti-static tinsel cable, granting an incredible noise-free signal.

A complete line of Prewired Headcaps compatible with **TMS Applications** is available. All the Headcaps to be used with EB Neuro systems are provided with dedicated connectors for an easier use.



### Standard Flat Electrodes

Suggested for Long Term Monitoring (LTM) with EEG Cream.



### Cylindrical Electrodes

Suggested for Routine Exams with EEG Gel.

#### NOTE

In each EB Neuro Headcap Kit you'll find:

- Prewired Headcap
- Chin Belt
- Syringe with 5 Blunted Needles

**NO CONDUCTIVE GEL OR CREAM IS INCLUDED, TO BE ORDERED SEPARATELY.**

| Size | Type              | Electrodes      | Circumference (cm) | Color        |
|------|-------------------|-----------------|--------------------|--------------|
| 0    | Newborn           | 10              | 32±2               | ○ White      |
| 1    | Pediatric Small   | 10-21           | 36±2               | ● Brown      |
| 2    | Pediatric Medium  | 10-21           | 40±2               | ● Pink       |
| 3    | Pediatric Large   | 10-21-25-32-64  | 44±2               | ● Light Blue |
| 4    | Adult Small       | 21-25-32-64-128 | 48±2               | ● Green      |
| 5    | Adult Medium      | 21-25-32-64-128 | 52±2               | ● Yellow     |
| 6    | Adult Large       | 21-25-32-64-128 | 56±2               | ● Red        |
| 7    | Adult Extra Large | 21-25-32-64-128 | 60±2               | ● Blue       |

## HABCD Coding

In the tables here below, you can find the instructions to build the item number for the model which better fits your needs.

**H** - Letter that defines the Pre-Wired Headcaps code.

**A** - Amplifier, from 0 to 9 as showed in the following table.

### NOTE

**Neurotravel Ligth (1<sup>st</sup> Generation)** and **Neurotravel Light S** use Universal Headcaps.

| Code      | Amplifier                                      |
|-----------|--|
| H 1 B C D | Be Micro                                       |
| H 2 B C D | Be Light                                       |
| H 3 B C D | Basis Be                                       |
| H 4 B C D | Be Plus PRO                                    |
| H 5 B C D | Be Plus LTM                                    |
| H 6 B C D | Be Plus  |
| H 7 B C D | NeMus 2  |
| H 8 B C D | Neurotravel SMART                              |
| H 9 B C D | Neurotravel Light (2 <sup>nd</sup> Generation) |
| H 0 B C D | Universal                                      |

**B** - Material and Shape, from 1 to 5 as showed in the following table.

| Code      | Material | Shape                           |
|-----------|----------|---------------------------------|
| H A 1 C D | Tin (Sn) | Standard                        |
| H A 2 C D | Ag/AgCl  | Standard                        |
| H A 3 C D | Ag/AgCl  | Cylindrical                     |
| H A 4 C D | Ag/Au    | Standard                        |
| H A 5 C D | Ag/Au    | Cylindrical                     |
| H A 0 C D | Ag/AgCl  | Standard (for TMS Applications) |

**C** - Number of *Electrodes*, from 1 to 5 as showed in the following table.

### NOTE

**Be Micro** - Available Electrodes - 10, 21  
**Be Light** - Available Electrodes - 10, 21  
**Basis Be** - Available Electrodes - 10, 21, 32  
**Be Plus PRO** - Available Electrodes - 10, 21, 25, 32  
**Be Plus LTM** - Available Electrodes - 10, 21, 25, 32, 64, 128  
**Be Plus** - Available Electrodes - 10, 21, 32, 64, 128  
**NeMus 2** - Available Electrodes - 10, 21  
**Neurotravel Smart** - Available Electrodes - 10, 21, 32  
**Neurotravel Light (1<sup>st</sup> Generation)** - Available Electrodes - 10, 21  
**Neurotravel Light S** - Available Electrodes - 10, 21  
**Neurotravel Light (2<sup>nd</sup> Generation)** - Available Electrodes - 10, 21, 25, 32  
**Universal** - Available Electrodes - 10, 21

| Code      | Number of Electrodes |
|-----------|----------------------|
| H A B 1 D | 10 Electrodes        |
| H A B 2 D | 21 Electrodes        |
| H A B 3 D | 32 Electrodes        |
| H A B 4 D | 64 Electrodes        |
| H A B 5 D | 128 Electrodes       |
| H A B 6 D | 25 Electrodes        |

**D** - Size, from 0 to 7 as showed in the following table.

### NOTE

**Size 0** - Available Electrodes - 10  
**Size 1** - Available Electrodes - 10, 21  
**Size 2** - Available Electrodes - 10, 21  
**Size 3** - Available Electrodes - 10, 21, 25, 32, 64, 128  
**Size 4** - Available Electrodes - 21, 25, 32, 64, 128  
**Size 5** - Available Electrodes - 21, 25, 32, 64, 128  
**Size 6** - Available Electrodes - 21, 25, 32, 64, 128  
**Size 7** - Available Electrodes - 21, 25, 32, 64, 128

| Code      | Size                  | Circ.  | Color   |
|-----------|-----------------------|--------|---|
| H A B C 0 | 0 - Newborn           | 32±2cm |  |
| H A B C 1 | 1 - Pediatric Small   | 36±2cm |  |
| H A B C 2 | 2 - Pediatric Medium  | 40±2cm |  |
| H A B C 3 | 3 - Pediatric Large   | 44±2cm |  |
| H A B C 4 | 4 - Adult Small       | 48±2cm |  |
| H A B C 5 | 5 - Adult Medium      | 52±2cm |  |
| H A B C 6 | 6 - Adult Large       | 56±2cm |  |
| H A B C 7 | 7 - Adult Extra Large | 60±2cm |  |



## EP Prewired Headcaps

Dedicated Prewired Headcaps for EP applications with **9 Ag/AgCl Cylindric Electrodes** and **FMM 1.5mm connectors**.

| Code        | Size                  | Color | QTY  |
|-------------|-----------------------|-------|------|
| B9602094611 | 1 - Pediatric Small   | ●     | 1/ea |
| B9602094612 | 2 - Pediatric Medium  | ●     | 1/ea |
| B9602094613 | 3 - Pediatric Large   | ●     | 1/ea |
| B9602094614 | 4 - Adult Small       | ●     | 1/ea |
| B9602094615 | 5 - Adult Medium      | ●     | 1/ea |
| B9602094616 | 6 - Adult Large       | ●     | 1/ea |
| B9602094617 | 7 - Adult Extra large | ●     | 1/ea |

## Accessories

| Code         | Description   | QTY      |
|--------------|---|----------|
| B9617094003  | Emergency Ag/AgCl Cylindric Electrode, Cable L=200cm, FMM 1.5mm | 1/ea     |
| B9617094004  | Emergency Ag/Au Cylindric Electrode, Cable L=200cm, FMM 1.5mm   | 1/ea     |
| B8180940202  | Adult Chin Belt   | 1/ea.    |
| B8180940201  | Pediatric Chin Belt   | 1/ea     |
| B9721490003  | Adult Thoracic Belt, L=130cm                                    | 1/ea     |
| B9721490004  | Pediatric Thoracic Belt, L=100cm                                | 1/ea     |
| B9642094001  | Universal to 10 FMM 1.5mm Adapter                               | 1/ea     |
| B9642094004  | Universal to 21 FMM 1.5mm Adapter                               | 1/ea     |
| E99220037132 | Reusable Blunted Needle   | 10/pkg.  |
| B9690038000  | Disposable Blunted Needle                                       | 100/pkg. |
| B9690039000  | Syringe for Gel Injection                                       | 10/pkg.  |



B8180940202



B9642094004



B9690038000



B9690039000

### DID YOU KNOW?

*The first EEGs were recorded in 1929 by the German neuropsychiatrist Hans Berger. As a soldier during World War I, one day Berger fell from his horse and the same day received a telegram from his father, worried about his health: Berger's sister had had the feeling that something bad had happened to him. This incredible coincidence prompted Berger to investigate on a correlation between body and psyche.*



## Sanification Kit for EEG Headcaps

### Intended use

Dedicated Kit for sanitizing EB Neuro EEG Headcaps.

### Instruction for use

The Kit allows to perform bactericidal, fungicidal, virucidal and tuberculocidal disinfection:

1. Clean the electrodes with warm running water using the brush supplied with the kit.
2. Prepare 2 litres of disinfectant solution as follow:
  - Fill the disinfection tray with 2 liters of drinking water.
  - Add 40ml of TRIONIC with the supplied measuring cup.
3. Set the timer for **10 minutes** and immerse the cap in the disinfectant solution, leaving the connector outside the tray protected from any contact with the solution.
4. For the first **2 to 3 minutes**, and without submerging your hands in the disinfectant, gently and repeatedly plunge the Headcap up and down to ensure a thorough disinfection.
5. Leave the Headcap soaking in the disinfectant solution for the remaining time.

**CAUTION: Be aware that prolonged submersion may damage the Headcap and such damage is not covered by warranty.**

6. Disinfect the portion of cable outside the solution and the Headcap connector with the 0.2%-0.5% chlorine-based solution supplied.
7. Keep the timer with you so that you do not leave the Headcap in the disinfectant for more than 10 minutes.
8. After 10 minutes, remove the Headcap from the disinfectant.

### Rinse the disinfectant out of the Headcap:

1. Fill the rinse bucket with clean, warm (not hot) tap water. If your facility has hard water, we suggest the use of distilled water for the final rinse after disinfection.
2. Immerse the Headcap in the water.
3. Gently, but vigorously, agitate the Headcap back and forth for 10-20 seconds.
4. Raise the Headcap out of the bucket and drain the rinse bucket.
5. Repeat steps 2 through 4 (above) until you have rinsed the Headcap a total of four times.
6. Gently pat the excess water out of the Headcap with a clean and dry towel.
7. Hang the Headcap with the connector well-spaced from the wet parts to dry.

| Description                                | QTY |
|--|-----|
| <b>B9100941000 - SANIFICATION KIT</b>      |     |
| <i>Including:</i>                          |     |
| - Transparent Plastic Tray, 3l             | 2   |
| - Measuring Cup, 50ml                      | 1   |
| - Adhesive Headcaps Hanger                 | 1   |
| - Electronic Timer with Stopwatch          | 1   |
| - TRIONIC - Bottle of 500ml                | 1   |
| - Chlorine Solution 0.2% - Bottle of 500ml | 1   |
| - Electrode's Brush                        | 1   |



| Description                                | QTY |
|--|-----|
| <b>B9100941010 - SANIFICATION REFILL</b>   |     |
| <i>Including:</i>                          |     |
| - TRIONIC - Bottle of 500ml                | 10  |
| - Chlorine Solution 0.2% - Bottle of 500ml | 2   |



**10-20 International Positioning System**

The **10-20** Electrode Placement System is an internationally accepted method for standardizing the placing and naming of electrodes.

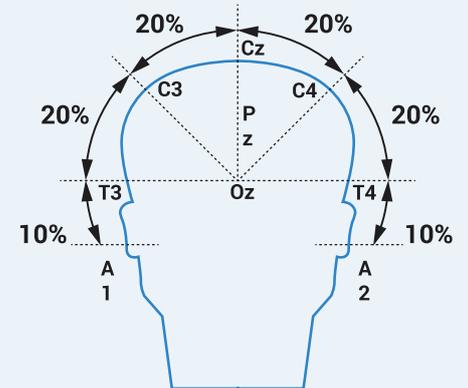
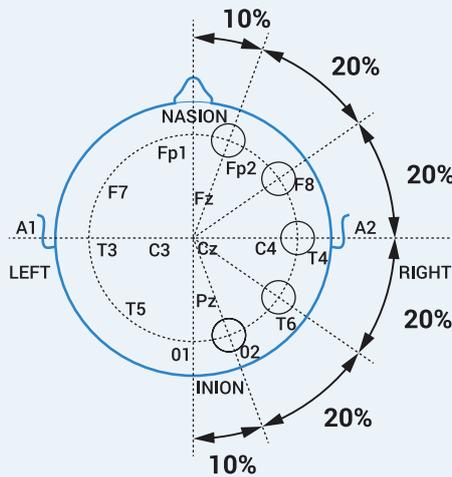
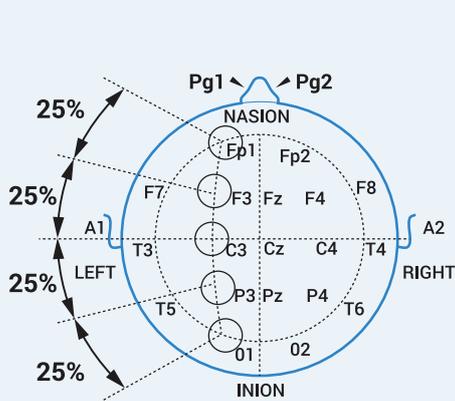
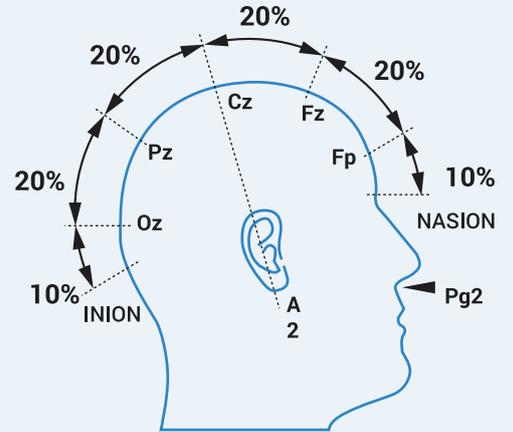
Three important anatomic landmarks are used for the 10-20 measurement:

- NASION - The bridge of the nose
- INION - The occipital protuberance
- PERIAURICULAR POINT - The indentation above the cartilage (tragus) which covers the external ear opening

Three measures have to be taken:

- Anterior to Posterior (Nasion - Inion)
- Preauricular (Left - Right)
- Circumferential

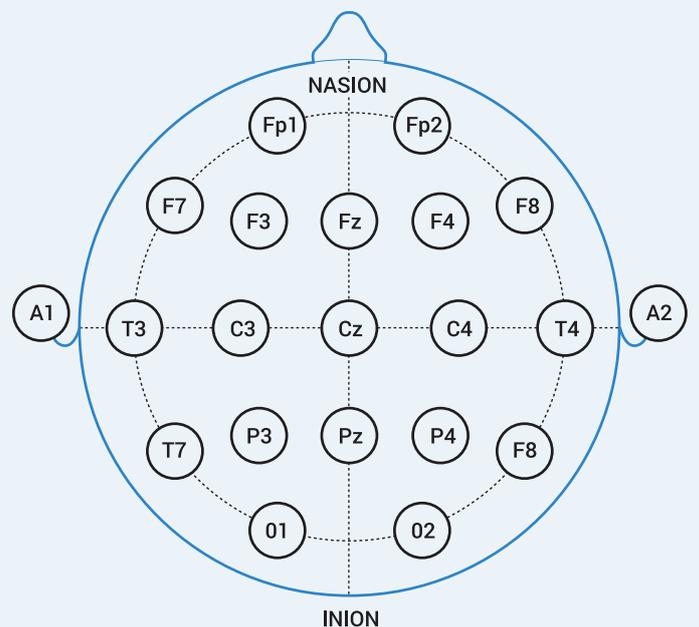
After this the head is divided according to the following schemes:



Electrode abbreviation relates to brain area with Zero (Z) at the midline, odd numbers on the left side and even numbers on the right side. Numbers increase from midline to periphery.

Other abbreviations are:

- **F** - Frontal Lobe
- **T** - Temporal Lobe
- **C** - Central Lobe
- **P** - Parietal Lobe
- **O** - Occipital Lobe



# Bridge Electrodes



A complete line of bridge electrodes and related accessories both for adult and pediatric applications. Maximum care was taken on the design and materials' selection for the best user experience.



PTS Rubber Headcap

## PTS Rubber Headcap

PTS Flexible Adjustable Headcaps for Bridge Electrodes Placement. **Including Velcro Chin Belt.**

| Code        | Description            | Color | QTY  |
|-------------|------------------------|-------|------|
| B9720440001 | Neonatal - 4x1         | Blue  | 1/ea |
| B9720440011 | Pediatric Small - 6x2  | Blue  | 1/ea |
| B9720440012 | Pediatric Medium - 6x2 | Green | 1/ea |
| B9720440013 | Pediatric Large - 6x2  | Red   | 1/ea |
| B9720440021 | Adult Small - 6x4      | Blue  | 1/ea |
| B9720440022 | Adult Medium - 6x4     | Green | 1/ea |
| B9720440023 | Adult Large - 6x4      | Red   | 1/ea |

## Ag/AgCl Bridge Electrodes

| Code        | Description                             | QTY     |
|-------------|---|---------|
| B9100940021 | Adult Bridge Electrodes                 | 12/pkg. |
| B9100940020 | Pediatric Bridge Electrodes             | 12/pkg. |
| B9100940024 | Toolkit for Adult Bridge Electrodes     | 1/ea    |
| B9100940027 | Toolkit for Pediatric Bridge Electrodes | 1/ea    |



B9100940021



B9100940027



B9720350001



B9720350002

## Connection Cables for Bridge Electrodes

Connection Cables **L=120cm** for Bridge Electrodes with **FMM 1.5mm connectors**.

| Code        | Description    | QTY     |
|-------------|----------------|---------|
| B9720350001 | 2mm Banana     | 12/pkg. |
| B9720350002 | Alligator Clip | 12/pkg. |

## Ear Clip Electrodes

Ear Clip Electrodes in different materials with **L=100cm** Cable and **FMM 1.5mm connectors**.

| Code        | Material         | QTY  |
|-------------|------------------|------|
| B9720136001 | Sn               | 1/ea |
| B9720135001 | Ag/AgCl Sintered | 1/ea |
| B9720134001 | Ag/AgCl          | 1/ea |
| B9720131001 | Ag/Au            | 1/ea |



# Cup Electrodes



EB Neuro supplies the Cup Electrodes in **Ag/AgCl** and **Ag/Au**. They are available in **4 different lengths** (120cm, 150cm, 180cm and 240cm) and in **2 different shapes** (Standard with cupola shape and Extreme with cone shape) in order to cover all possible market's requests. A **pediatric version** of the Standard ones is also available.

The selected high-quality Tinsel material for the cable grants a perfect flexibility and avoid cable tangling. Sold in box of 10 electrodes.

## Standard Cup Electrodes

**Cupola Shape** Cup Electrodes with **Ø=10mm** and **FMM 1.5mm connector**. Provided with different cable lengths and colors (Green, Red, Yellow, Orange, Black, White, Blue, Grey, Purple, Brown).

| Code        | Material | Length | QTY     |
|-------------|----------|--------|---------|
| B9720104001 | Ag/AgCl  | 120cm  | 10/pkg. |
| B9720104011 | Ag/AgCl  | 150cm  | 10/pkg. |
| B9720104031 | Ag/AgCl  | 180cm  | 10/pkg. |
| B9720104021 | Ag/AgCl  | 240cm  | 10/pkg. |
| B9720101001 | Ag/Au    | 120cm  | 10/pkg. |
| B9720101011 | Ag/Au    | 150cm  | 10/pkg. |
| B9720101031 | Ag/Au    | 180cm  | 10/pkg. |
| B9720101021 | Ag/Au    | 240cm  | 10/pkg. |



Standard - Cupola Shape



## Extreme Cup Electrodes

**Cone Shape** Cup Electrodes with **Ø=10mm** and **FMM 1.5mm connector**. Provided with different cable lengths and colors (Green, Red, Yellow, Orange, Black, White, Blue, Grey, Purple, Brown).

| Code        | Material | Length | QTY     |
|-------------|----------|--------|---------|
| B9720104002 | Ag/AgCl  | 120cm  | 10/pkg. |
| B9720104012 | Ag/AgCl  | 150cm  | 10/pkg. |
| B9720104032 | Ag/AgCl  | 180cm  | 10/pkg. |
| B9720104022 | Ag/AgCl  | 240cm  | 10/pkg. |
| B9720101002 | Ag/Au    | 120cm  | 10/pkg. |
| B9720101012 | Ag/Au    | 150cm  | 10/pkg. |
| B9720101032 | Ag/Au    | 180cm  | 10/pkg. |
| B9720101022 | Ag/Au    | 240cm  | 10/pkg. |



Extreme - Cone Shape



## Pediatric Cup Electrodes

**Cupola Shape** Cup Electrodes with **Ø=6mm** and **FMM 1.5mm connector**. Provided with different cable lengths and colors (Green, Red, Yellow, Orange, Black, White, Blue, Grey, Purple, Brown)..

| Code        | Material | Length | QTY     |
|-------------|----------|--------|---------|
| B9720104003 | Ag/AgCl  | 120cm  | 10/pkg. |
| B9720104013 | Ag/AgCl  | 150cm  | 10/pkg. |
| B9720104033 | Ag/AgCl  | 180cm  | 10/pkg. |
| B9720104023 | Ag/AgCl  | 240cm  | 10/pkg. |
| B9720101003 | Ag/Au    | 120cm  | 10/pkg. |
| B9720101013 | Ag/Au    | 150cm  | 10/pkg. |
| B9720101033 | Ag/Au    | 180cm  | 10/pkg. |
| B9720101023 | Ag/Au    | 240cm  | 10/pkg. |



Pediatric - Cupola Shape



# Concentric Needles



## EB Neuro Disposable Concentric Needles Electrodes features and benefits:

- Optimal sharpness for greater patient comfort
- Orientation-free connection for ease of use
- Color coding by needle size for easy identification
- Security clip and recording area direction indicator
- Lightweight cable and hub design



The best way to test the quality of new EB Neuro's HD needles is to order a trial kit where you can find the needles holder cable and a sample of needles of different sizes.

| Code        | Description   | QTY  |
|-------------|---|------|
| B9602000011 | EB Neuro HD Concentric Needles Trial Kit<br>Including:<br>2x Disposable Concentric Needle, Diameter=0.46mm, L=37mm, Green<br>1x Disposable Concentric Needle, Diameter=0.30mm, L=25mm, Red<br>1x Concentric Needle, Holder Cable, L=100mm | 1/ea |

### DID YOU KNOW?

Concentric EMG needles were introduced by Adrian and Bronk in 1929 with the same sizes still in use. The recent challenge has been to make them easier to use and painless for patients. For this reason, **EB Neuro has put an orientation marker, to guide the correct insertion, and an extra lubrication to make them more "slippery"**.





Disposable Concentric Needles

## Disposable Concentric Needles

| Code        | ∅       | Length | Color | QTY     |
|-------------|---------|--------|-------|---------|
| B9720211001 | 0.30 mm | 25 mm  | ●     | 25/pkg. |
| B9720211002 | 0.46 mm | 25 mm  | ●     | 25/pkg. |
| B9720211003 | 0.46 mm | 37 mm  | ●     | 25/pkg. |
| B9720211004 | 0.46 mm | 50 mm  | ●     | 25/pkg. |
| B9720211005 | 0.60 mm | 75 mm  | ●     | 25/pkg. |

## Disposable Single Fiber Needles

| Code        | ∅       | Length | Color | QTY     |
|-------------|---------|--------|-------|---------|
| B9720251001 | 0.46 mm | 37 mm  | ●     | 10/pkg. |



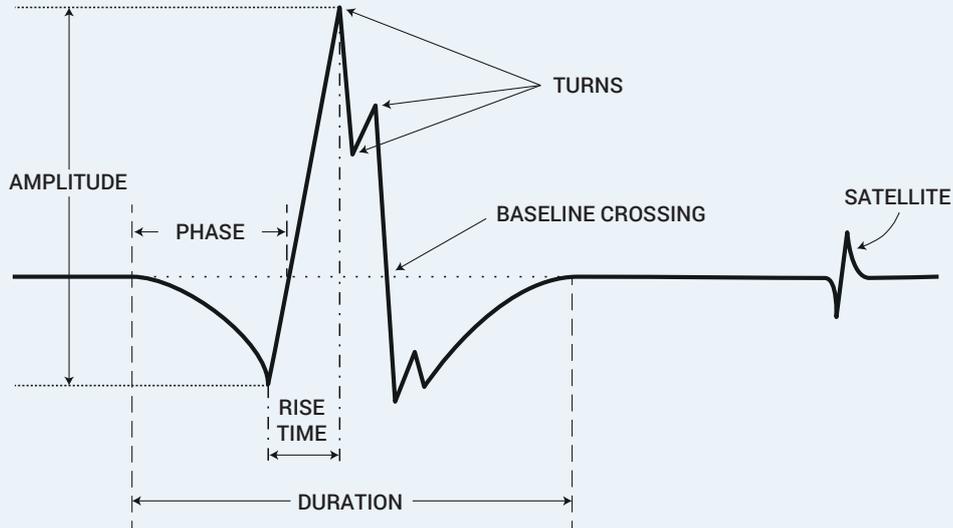
## Holder Cables

Holder Cables for Concentric and Single Fiber Needles. The cable is provided with a **5 Poles Tuchel** connector which fits on most of EMG systems on the market.

| Code        | Length | QTY  |
|-------------|--------|------|
| B9720336001 | 100cm  | 1/ea |
| B9720336002 | 200cm  | 1/ea |

### Motor Unit Potential (MUP)

Compound potential generated by the muscle fibers of the motor unit during voluntary activity or during electrical stimulation of alpha-motor axons.



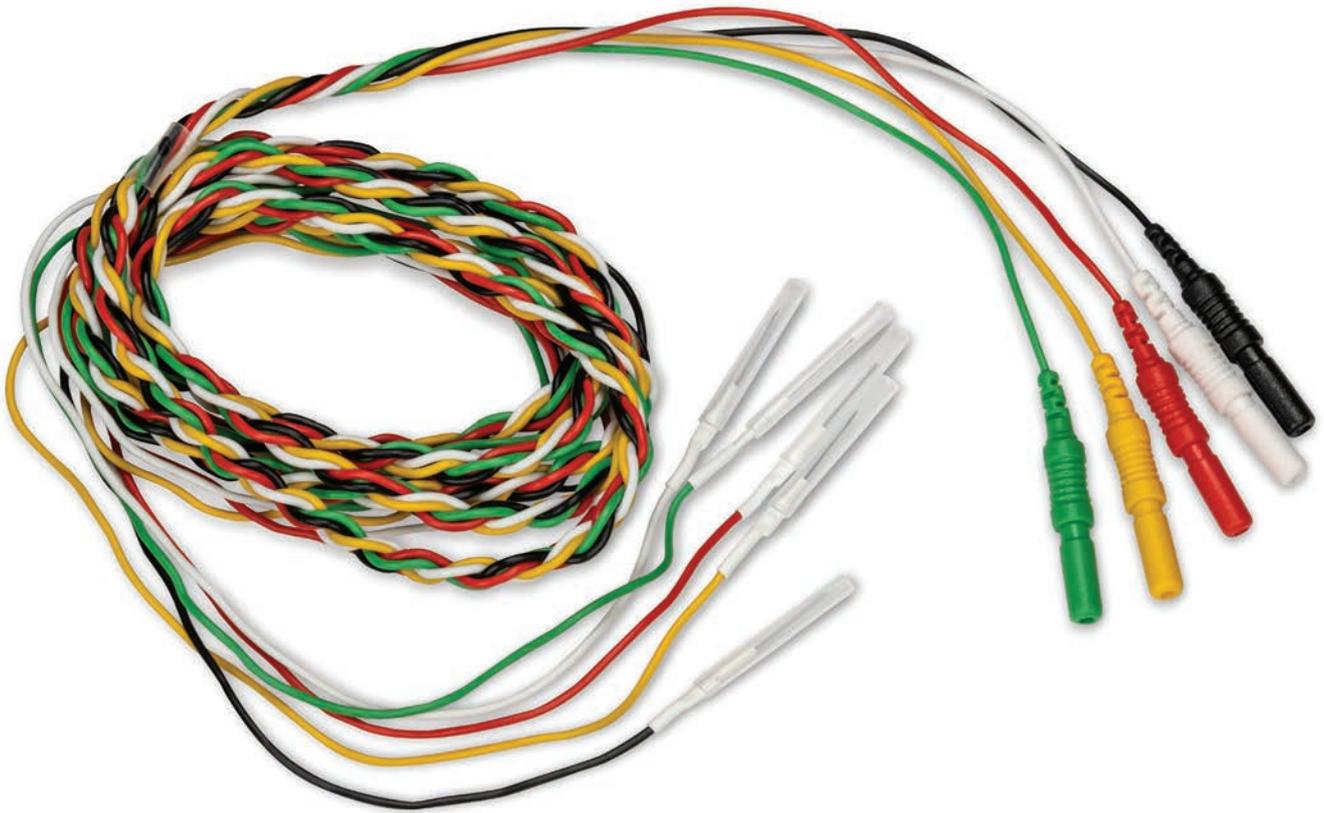
### Main MUP Components

| Phases   | Turns  | Satellites (Hz)  |
|--|--|--|
| Measure of synchrony (number of a single motor unit's muscle fibers discharge simultaneously). | Measure of synchrony (number of a single motor unit's muscle fibers discharge simultaneously). | Early reinnervation expression.  |
| A normal motor unit has a maximum of 3-4 phases.   | Direction change without crossing the baseline.  | Separated from the motor unit because more distant than other fibers.  |
| A normal muscle has a maximum of 5-10% of polyphasic motor units.                              | Needle movements can change a turn in a phase.   | Separated from the motor unit because: <ul style="list-style-type: none"> <li>• smaller diameter</li> <li>• partially myelinated</li> <li>• slow conduction</li> <li>• instable</li> </ul> |

### EMG Spontaneous Activity

| At rest            | Physiological    | Pathological                  |
|--------------------|------------------|-------------------------------|
| Insertion activity | Plate noise      | Fibrillations                 |
|                    |                  | Positive sharp waves          |
|                    |                  | Fasciculations                |
|                    |                  | Complex repetitive discharges |
| Absent             | Plate potentials | Myotonic discharges           |
|                    |                  | Neuromyotonic discharges      |
|                    |                  | Myokimic discharges           |
|                    |                  | Cramps                        |

# Monopolar Needles



Complete line of monopolar needle electrodes characterized by an excellent signal stability and not-traumatic insertion due to the low penetration-resistance thanks to the sharp and bevel cut design.

## Monopolar Teflonated Needles

Disposable Monopolar Needles with  $\varnothing=0.35\text{mm}$ . The needle's cannula is insulated with **Teflon** except the tip in order to grant a precise stimulation.

| Code        | Length | Color | QTY     |
|-------------|--------|-------|---------|
| B9720201021 | 15mm   |       | 25/pkg. |
| B9720201022 | 25mm   |       | 25/pkg. |
| B9720201023 | 37mm   |       | 25/pkg. |
| B9720201024 | 45mm   |       | 25/pkg. |



## Connection Cable for Monopolar Teflonated Needles

| Code        | Description                     | QTY  |
|-------------|---------------------------------|------|
| B9720330021 | Holder Cable L=100cm, FMM 1.5mm | 1/ea |

## 1. Monopolar Subdermal Needles

1. Disposable Monopolar Subdermal Needles with  $\varnothing=0.40\text{mm}$ , L=13mm and FMM 1.5mm connectors. Provided with different cable length and colors (Red, Green, Yellow, Black, White).

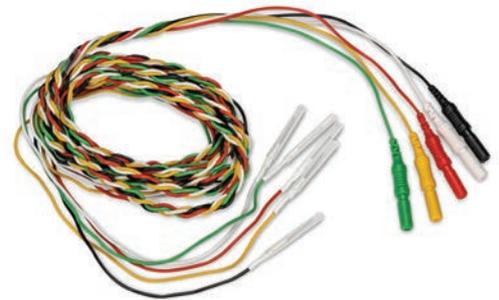
| Code        | Length | QTY     |
|-------------|--------|---------|
| B9720211001 | 100cm  | 20/pkg. |
| B9720211002 | 150cm  | 20/pkg. |
| B9720211003 | 200cm  | 20/pkg. |



## Monopolar Subdermal Needles Twisted

Disposable Monopolar Subdermal Needles with  $\varnothing=0.35\text{mm}$ , Cable  $L=150\text{cm}$  and **FMM 1.5mm connectors**. 5 Needles with different cable color are twisted together to reduce the artifacts.

| Code        | Length | QTY     |
|-------------|--------|---------|
| B9720201016 | 12mm   | 10/pkg. |
| B9720201017 | 18mm   | 10/pkg. |



## Botulin Toxin Injection Needles

Disposable Monopolar Needles for Botulin Toxin Injection with Cable  $L=100\text{cm}$  and **FMM 1.5mm connectors**.



| Code        | $\varnothing$ | Length | Color | QTY     |
|-------------|---------------|--------|-------|---------|
| B9720231001 | 0.30mm        | 25mm   | ●     | 10/pkg. |
| B9720231002 | 0.40mm        | 25mm   | ●     | 10/pkg. |
| B9720231003 | 0.46mm        | 37mm   | ●     | 10/pkg. |
| B9720231004 | 0.50mm        | 50mm   | ○     | 10/pkg. |
| B9720231005 | 0.70mm        | 75mm   | ●     | 10/pkg. |



**Botulinum is a neurotoxic substance produced by the bacterium Clostridium botulinum which acts on the neuro-muscular transmission.** Widely used in medicine for treatments, botulinum finds its main use in the aesthetics field. This kind of use is so widespread that during the camel beauty contest held annually in Saudi Arabia, 12 camels were disqualified for using botulinum.

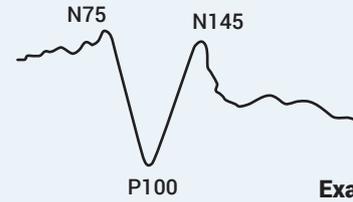


Monopolar needles are mainly used for Evoked Potential studies recording and in particular to measure potential differences acquired from the scalp. These potentials are evoked and related to external stimuli of different nature and they can be divided into two different categories: stimulus-related and event-related.

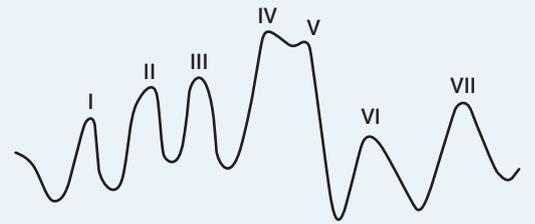
**Stimulus Related Evoked Potentials - EP**

Main characteristics of this kind of Evoked Potentials are:

- Short latency < 100ms
- Sensitivity to the physical characteristics of the stimulus
- Distribution on the scalp dependent on the sensory canal
- High intra and inter individual stability
- Poorly sensitive to alertness changes and neurosedation



**Example of VEP**



**Example of BAEP**

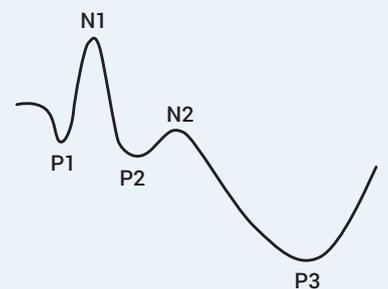
The most common performed Stimulus-Related Evoked Potentials are:

| Name   | Stimulator              | Stimulation Area | Recording Area                    |
|--|-------------------------|------------------|-----------------------------------|
| <b>Somatosensory Evoked Potentials (SEP)</b> | Electric                | Nerves           | Primary Somatosensory Cortex      |
| <b>Visual Evoked Potentials (VEP)</b>        | Visual (Flash, Pattern) | Eyes             | Visual Cortex                     |
| <b>Acoustic Evoked Potentials (AEP)</b>      | Acoustic                | Ears             | Auditory Cortex                   |
| <b>Laser Evoked Potentials (LEP)</b>         | Laser                   | Skin             | Pain and Temperature Transmission |

**Event Related Evoked Potentials - ERP**

Main characteristics of this kind of Evoked Potentials are:

- Long latency > 100ms
- Low sensitivity to the physical characteristics of the stimulus
- Distribution on the scalp not dependent on the sensory canal
- High intra and inter individual variability
- Dependent on psychological processes in relation to the event
- Sensitive to alertness changes and neurosedation



**Example of P300**

The most common performed Event-Related Evoked Potentials (ERP) are: P300, Mismatch Negativity (MMN), Contingent Negative Variation (CNV), N400.

IOM



Wide range of accessories for recording and stimulating in **IOM environment**, having an excellent signal and position stabilities.

### IOM Hook Monopolar Needles

Disposable Monopolar Hook Needles with **Ø=0.40mm**, **L=21mm** and **FMM 1.5mm connector**. Provided with different cable lengths and colors (Green, Red, Yellow, Black, White).

| Code        | Cable | QTY     |
|-------------|-------|---------|
| B9720241001 | 100cm | 20/pkg. |
| B9720241002 | 150cm | 20/pkg. |
| B9720241003 | 200cm | 20/pkg. |



### IOM Twisted Monopolar Needles

Couple of Disposable Monopolar Needles with **Twisted Cable** and **FMM 1.5mm connector**. Provided with different cable lengths and colors (Green-Black, Blue-Black, Red-Black, Yellow-Black, Orange-Black).

| Code        | Ø      | Length | Cable | QTY     |
|-------------|--------|--------|-------|---------|
| B9720201014 | 0.35mm | 12mm   | 200cm | 20/pkg. |
| B9720201015 | 0.35mm | 13mm   | 200cm | 20/pkg. |
| B9720201011 | 0.40mm | 13mm   | 100cm | 20/pkg. |
| B9720201012 | 0.40mm | 13mm   | 150cm | 20/pkg. |
| B9720201013 | 0.40mm | 13mm   | 200cm | 20/pkg. |

### IOM Corkscrew Monopolar Needles

Disposable Monopolar Corkscrew Needles with **Ø=0.40mm**, **L=13mm** and **FMM 1.5mm connector**. Provided with different cable lengths and colors (Green, Red, Yellow, Black, White, Blue, Brown, Orange, Pink, Grey).

| Code        | Cable | QTY     |
|-------------|-------|---------|
| B9720261001 | 100cm | 20/pkg. |
| B9720261002 | 150cm | 20/pkg. |
| B9720261003 | 200cm | 20/pkg. |



# Electrical Stimulators



High quality and ergonomic accessories for deliver the electrical pulses in all the stimulations points. Available with different connectors to be used with all brands on the market. Special connector available for EB Neuro NeMus amplifiers.



B9612002000



B9721560004

## Bar Stimulators

| Code        | Description   | Connector            | QTY      |
|-------------|---|----------------------|----------|
| B9612002000 | Adult with Handle   | Plastics One 2 Poles | 1/ea     |
| B9720187003 | Adult with Handle and Belt<br>Interchangeable Circular Felt/Inox Tips     | FMM 1.5mm            | 1/ea     |
| B9720187004 | Adult with Handle and Belt<br>Interchangeable Circular Felt/Inox Tips     | Tuchel 5pin          | 1/ea     |
| B9721560004 | Pediatric with Handle and Belt<br>Interchangeable Circular Felt/Inox Tips | FMM 1.5mm            | 50/pkg.  |
| B9721560005 | Pediatric with Handle and Belt<br>Interchangeable Circular Felt/Inox Tips | Tuchel 3pin          | 2/pkg.   |
| B9721560006 | Pediatric with Handle and Belt<br>Interchangeable Circular Felt/Inox Tips | Tuchel 5pin          | 1/ea     |
| B9721560001 | Adult with Belt   | FMM 1.5mm            | 1/ea     |
| B9721560002 | Adult with Belt   | Tuchel 3pin          | 1/ea     |
| B9721560003 | Adult with Belt   | Tuchel 5pin          | 100/pkg. |



B9720187003



B9721560001



B9720070002



B9721590002

## Replace Tips for Bar Stimulators

| Code        | Description                  | QTY      |
|-------------|------------------------------|----------|
| B9720070002 | Adult Circular Felt Tips     | 50/pkg.  |
| B9720197001 | Adult Circular Inox Tips     | 2/pkg.   |
| B9721590001 | Pediatric Circular Felt Tips | 100/pkg. |
| B9721590002 | Adult Rectangular Felt Tips  | 100/pkg. |

## Bipolar Belt Stimulators

| Code        | Description      | Cable | Connectors           | QTY  |
|-------------|------------------|-------|----------------------|------|
| B9721500001 | Adult            | 150cm | FMM 1.5mm            | 1/ea |
| B9721500002 | Adult            | 300cm | FMM 1.5mm            | 1/ea |
| B9721500003 | Adult, Black     | 300cm | Plastics One 2 Poles | 1/ea |
| B9721500004 | Adult, White     | 300cm | Plastics One 2 Poles | 1/ea |
| B9721500005 | Adult, Black     | 150cm | Plastics One 2 Poles | 1/ea |
| B9721500006 | Adult, White     | 150cm | Plastics One 2 Poles | 1/ea |
| B9721500011 | Pediatric        | 150cm | FMM 1.5mm            | 1/ea |
| B9721500012 | Pediatric        | 300cm | FMM 1.5mm            | 1/ea |
| B9721500013 | Pediatric, Black | 300cm | Plastics One 2 Poles | 1/ea |
| B9721500014 | Pediatric, White | 300cm | Plastics One 2 Poles | 1/ea |



B9721500001



B9721500004



B9721500005

## Bipolar Ring Stimulator

| Code        | Material          | Elastic | Connector            | QTY  |
|-------------|-------------------|---------|----------------------|------|
| B9612003000 | Steel             | No      | Plastics One 2 Poles | 1/ea |
| B9720550001 | Conductive Tissue | No      | FMM 1.5mm            | 1/ea |
| B9720550002 | Conductive Tissue | No      | Tuchel 5pin          | 1/ea |
| B9720550011 | Steel             | No      | FMM 1.5mm            | 1/ea |
| B9720550012 | Steel             | No      | Tuchel 5pin          | 1/ea |
| B9720550021 | Thin Steel        | No      | FMM 1.5mm            | 1/ea |
| B9720550022 | Thin Steel        | No      | Tuchel 5pin          | 1/ea |
| B9721170001 | Steel             | Yes     | Tuchel 3pin          | 1/ea |
| B9721170004 | Steel             | Yes     | Tuchel 5pin          | 1/ea |



B9612003000



B9720550001



B9720550011



B9720550021



B9721170004

The Hand-Held Stimulator is the perfect solution for NCV investigations with NeMus product line. The modern and robust design, together with customizable buttons and functions, make this stimulator the best solution for all levels of systems, from a simple portable device to most advanced and complete ones.



B9100680350



B9100680340



B9100680400



B9100680500



B9612068100

| Code        | Description                        | QTY  |
|-------------|------------------------------------|------|
| B9612068100 | NeMus Hand-Held Bipolar Stimulator | 1/ea |
| B9100680310 | Straight Probe Head                | 1/ea |
| B9100680500 | Pediatric Probe Head               | 1/ea |
| B9100680400 | Curved Probe Head                  | 1/ea |
| B9100680340 | Large (30mm) Probe Head            | 1/ea |
| B9100680350 | MCH 1.5mm Probe Head               | 1/ea |



B9100680310

To manage the acquisition

To set and control the stimulator



# Surface Electrodes



Complete line of surface electrodes and cables with variable geometric.



B9710053001



B9720158502



B9710053002

### Disposable Pregelled Surface Electrodes with Snap Connector

| Code        | Material | Pcs./Bag | Size    | QTY*    |
|-------------|----------|----------|---------|---------|
| B9710053001 | Carbon   | 4        | 35x45mm | 10 Bags |
| B9720158001 | Carbon   | 4        | 50x90mm | 10 Bags |
| B9720158502 | Ag/AgCl  | 24       | ø=24mm  | 10 Bags |

\* Indivisible packaging.



B9720158601

### Disposable Pregelled Ag/AgCl Surface Electrodes

| Code        | Pcs./Bag | Size            | QTY*   |
|-------------|----------|-----------------|--------|
| B9710053002 | 100      | 22x34mm         | 5 Bags |
| B9720158601 | 100      | 14x34mm         | 5 Bags |
| B9610034000 | 100      | 22x32mm RED DOT | 5 Bags |

\* Indivisible packaging.



B9610034000

### Disposable Pregelled Ag/AgCl Surface Electrodes with Cable

| Code        | Pcs./Bag | Size    | Cable | Connector | QTY*    |
|-------------|----------|---------|-------|-----------|---------|
| B9710053003 | 6        | 15x20mm | 120cm | FMM 1.5mm | 20 Bags |
| B9720158201 | 6        | 15x20mm | 150cm | FMM 1.5mm | 20 Bags |
| B9720158211 | 6        | 15x20mm | 250cm | FMM 1.5mm | 20 Bags |
| B9710053004 | 6        | 20x25mm | 120cm | FMM 1.5mm | 20 Bags |
| B9720158202 | 6        | 20x25mm | 150cm | FMM 1.5mm | 20 Bags |
| B9720158212 | 6        | 20x25mm | 250cm | FMM 1.5mm | 20 Bags |
| B9710053005 | 12       | 15x20mm | 8cm   | MCH 0.7mm | 20 Bags |
| B9720158301 | 12       | 20x25mm | 8cm   | FMM 1.5mm | 20 Bags |
| B9720158401 | 12       | 15x20mm | 8cm   | MCH 1mm   | 20 Bags |
| B9720158402 | 12       | 20x25mm | 8cm   | MCH 1mm   | 20 Bags |

\* Indivisible packaging.



B9720158301



B9720390911



B9720390922



B9720390923

## Monopolar Snap Cables

Monopolar Cables with **Snap** and **FMM 1.5mm** connectors.

| Code        | Cable   | Color | QTY     |
|-------------|---------|-------|---------|
| B9720390901 | L=120cm | ●     | 10/pkg. |
| B9720390902 | L=120cm | ●     | 10/pkg. |
| B9720390903 | L=120cm | ●     | 10/pkg. |
| B9720390911 | L=150cm | ●     | 10/pkg. |
| B9720390912 | L=150cm | ●     | 10/pkg. |
| B9720390913 | L=150cm | ●     | 10/pkg. |
| B9720390921 | L=200cm | ●     | 10/pkg. |
| B9720390922 | L=200cm | ●     | 10/pkg. |
| B9720390923 | L=200cm | ●     | 10/pkg. |

## Ground Electrodes

| Code        | Description  | QTY  |
|-------------|--|------|
| B9721168001 | Cotton Elastic Belt L=30/40cm, Snap                                      | 1/ea |
| B9721168002 | Cotton Elastic Belt L=50/70cm, Snap                                      | 1/ea |
| B9721167001 | Circular Inox Stainless Steel Ground Electrode, Cable L=150cm, FMM 1.5mm | 1/ea |



B9721168001



B9721167001

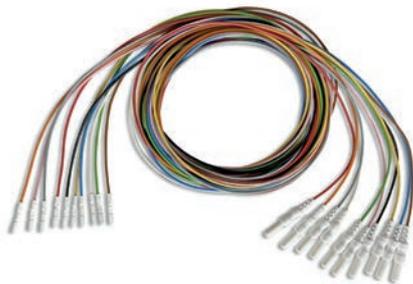


B9720380002

## Alligator Clips Cables

Cables with 3 Alligator Clips for EMG/NCV Recording, L=120cm.

| Code        | Connector     | QTY  |
|-------------|---------------|------|
| B9720380001 | Tugel 5 Poles | 1/ea |
| B9720380002 | FMM 1.5mm     | 1/ea |



## 1 Pole Cables

1 Poles Cables for Disposable Pregelled Electrodes with **1mm Pin**. Each cable ends with **FMM 1.5mm connector**.

| Code        | Length | QTY     |
|-------------|--------|---------|
| B9720320901 | 120cm  | 10/pkg. |
| B9720320911 | 150cm  | 10/pkg. |

## 2 Poles Cables

2 Poles Cables (Black/Red) for Disposable Pregelled Electrodes with **0.7mm Pin**.

| Code        | Connector     | Length | QTY  |
|-------------|---------------|--------|------|
| B9720320001 | Tugel 5 Poles | 100cm  | 1/ea |
| B9720320011 | FMM 1.5mm     | 100cm  | 1/ea |
| B9720320002 | Tugel 5 Poles | 200cm  | 1/ea |
| B9720320012 | FMM 1.5mm     | 200cm  | 1/ea |



B9720320012

## 3 Poles Cables

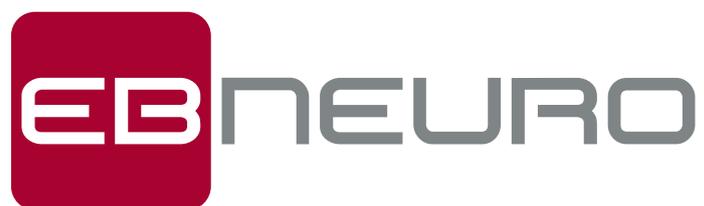
3 Poles Cables (Black/Red/Green) for Disposable Pregelled Electrodes with **0.7mm Pin**.



B9720320003

| Code        | Connector     | Length | QTY  |
|-------------|---------------|--------|------|
| B9720320003 | Tugel 5 Poles | 100cm  | 1/ea |
| B9720320013 | FMM 1.5mm     | 100cm  | 1/ea |
| B9720320004 | Tugel 5 Poles | 200cm  | 1/ea |
| B9720320014 | FMM 1.5mm     | 200cm  | 1/ea |

# Sleep Accessories



**Complete line of transducers** designed for a high patient's comfort patient and characterized by excellent signal precision over time.

## Disposable Breath Transducers

Produced from Sleep Sense, the Three-Way Oro-Nasal Airflow Transducer has a **L=200cm** Cable with **FMM 1.5mm connectors**. It works with dedicated disposable sensors available in **3 different sizes**.

| Code        | Description   | QTY    |
|-------------|---|--------|
| B9620021400 | Three-Way Oro-Nasal Airflow Transducer + 10x Neonatal Disposable Sensors  | 1/ea   |
| B9620021200 | Three-Way Oro-Nasal Airflow Transducer + 10x Pediatric Disposable Sensors | 1/ea   |
| B9620021000 | Three-Way Oro-Nasal Airflow Transducer + 10x Adult Disposable Sensors     | 1/ea   |
| B9620021500 | Neonatal Disposable Sensors   | 20/pkg |
| B9620021300 | Pediatric Disposable Sensors  | 20/pkg |
| B9620021100 | Adult Disposable Sensors  | 20/pkg |



## Reusable Breath Transducers

Three-Ways Thermocouple with **L=200cm** cable and **FMM 1.5mm connectors**.

| Code        | Description | QTY  |
|-------------|-------------|------|
| B9720720001 | Adult       | 1/ea |
| B9720720002 | Pediatric   | 1/ea |



## Disposable Piezoelectric Breath Transducers

| Code        | Description  | QTY  |
|-------------|--|------|
| B9720790001 | Interface Module for Piezoelectric Breath Transducer Sensor, FMM 1.5mm                         | 1/ea |
| B9720710004 | Pediatric Disposable Adhesive Piezoelectric Breath Transducer Sensor, Cable L=200cm, FMM 1.5mm | 5/ea |
| B9720710003 | Adult Disposable Adhesive Piezoelectric Breath Transducer Sensor, Cable L=200cm, FMM 1.5mm     | 5/ea |

## Airflow Cannulas

Airflow Cannulas Pro Flow with **16" MCH Luer-Lock**.

| Code        | Description       | QTY     |
|-------------|-------------------|---------|
| B9620036000 | Adult - Nasal     | 5/pkg.  |
| B9620036100 | Pediatric - Nasal | 60/pkg. |
| B9620037000 | Adult - Oro/Nasal | 30/pkg. |



B9620036000



## PTAF

PTAF (detects Airflow + Snoring via Nasal Pressure) and dedicated Cannulas from PRO-TECH.

| Code        | Description  | QTY     |
|-------------|--|---------|
| B9620004000 | PTAF Lite  | 1/ea    |
| B9620005030 | Adult Disposable Oro-Nasal Cannulas with Safety Filter | 30/pkg. |
| B9620006260 | Neonatal Disposable Nasal Cannulas with Safety Filter  | 60/pkg. |
| B9620006160 | Pediatric Disposable Nasal Cannulas with Safety Filter | 60/pkg. |
| B9620006060 | Adult Disposable Nasal Cannulas with Safety Filter     | 60/pkg. |

## Respiratory Bands

Each kit includes **1 sensor and 2 bands** (Thoracic and Abdomen) with different length. The sensor cable is **L=200cm** with **FMM 1.5mm connectors**.

| Code        | Description                                | QTY  |
|-------------|--|------|
| B9720710002 | Pediatric - Belts Length L=50cm and L=70cm | 1/ea |
| B9720710001 | Adult - Belts Length L=100cm and L=150cm   | 1/ea |



## Inductive Respiratory Bands

| Code        | Description   | QTY    |
|-------------|---|--------|
| B9620040000 | Abdominal Interface Module for Inductive Respiratory Band, Cable L=150cm, FMM 1.5mm | 1/ea   |
| B9620040100 | Thoracic Interface Module for Inductive Respiratory Band, Cable L=150cm, FMM 1.5mm  | 1/ea   |
| B9620039000 | Neonatal Inductive Respiratory Band   | 2/pkg. |
| B9620039100 | Adult Inductive Respiratory Band - S  | 2/pkg. |
| B9620039200 | Adult Inductive Respiratory Band - M  | 2/pkg. |
| B9620039300 | Adult Inductive Respiratory Band - L  | 2/pkg. |
| B9620039400 | Adult Inductive Respiratory Band - XL   | 2/pkg. |
| B9620039500 | Adult Inductive Respiratory Band - XXL  | 2/pkg. |



## Tremor Sensor

| Code        | Description                                      | QTY  |
|-------------|--|------|
| B9720730002 | Reusable Tremor Sensor, Cable L=200cm, FMM 1.5mm | 1/ea |



## Movement Sensor

| Code        | Description  | QTY  |
|-------------|--|------|
| B9720730001 | Reusable Limb Transducer, Cable L=200cm, FMM 1.5mm | 1/ea |

## Snoring Sensor

| Code        | Description                                       | QTY  |
|-------------|---|------|
| B9720700001 | Reusable Snoring Sensor, Cable L=200cm, FMM 1.5mm | 1/ea |



## Pulse-Oxymeter Interface Cables

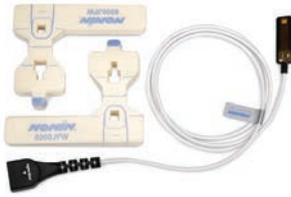
Available for different EB Neuro's EEG Amplifiers.

| Code        | Description  | QTY  |
|-------------|--|------|
| B9630082000 | Nonin OEM III for Be Plus LTM/PRO, Neurotravel Light and NeMus 2 | 1/ea |
| B9630073200 | Nonin OEM III for Be Micro                                       | 1/ea |
| B8830470010 | Nonin 3011 for Be Plus and Be Light                              | 1/ea |



B9630073200

B9630082000  
B8830470010



B9713510000 B9713510040



B9713510001 B9713510041



B9713510040 B9713510042

## Flex Sensors and Flexi Wraps

Flex Sensors in different sizes for **Nonin Pulse-Oxymeters**. They need dedicated Flexi Wraps to be placed on.

| Code        | Description                                | QTY   |
|-------------|--|-------|
| B9713510001 | Nonin 8001J Neonatal Flex Sensor (<2Kg)    | 1/ea  |
| B9713510004 | Nonin 8008J Pediatric Flex Sensor (2-22Kg) | 1/ea  |
| B9713510000 | Nonin 8000J Adult Flex Sensor (>22Kg)      | 1/ea  |
| B9713510041 | Flexi Wrap for Neonatal Flex Sensor        | 24/ea |
| B9713510042 | Flexi Wrap for Pediatric Flex Sensor       | 24/ea |
| B9713510040 | Flexi Wrap for Adult Flex Sensor           | 24/ea |

## Finger Clips Sensors

| Code        | Description   | QTY   |
|-------------|---|-------|
| B9713510003 | Nonin 8000AP Reusable Pediatric Finger Clip Sensor        | 1/ea  |
| B9713510002 | Nonin 8000AA Reusable Adult Finger Clip Sensor            | 1/ea  |
| B9713510031 | Nonin 6000CP Pediatric Disposable Finger Sensor (10-40Kg) | 24/ea |
| B9713510030 | Nonin 6000CA Adult Disposable Finger Sensor (>30Kg)       | 24/ea |



B9713510003



B9713510031



B9713510030



B9713510002

## Foot Sensors

| Code        | Description   | QTY   |
|-------------|---|-------|
| B9713510033 | Nonin 6000 CN Neonatal Disposable Foot Sensor (<2Kg)    | 24/ea |
| B9713510032 | Nonin 6000 CI Pediatric Disposable Foot Sensor (2-20Kg) | 24/ea |



B9713510033



B9713510032



## Body Position Sensor

| Code        | Description             | QTY  |
|-------------|-------------------------|------|
| B9630078012 | DC Body Position Sensor | 1/ea |

# Gel & Cream



Gels, creams and products for patient preparing for use in EEG, PSG, NCS examinations.



**Adhesive Paste/Cream**

| Code               | Description                                  | QTY    |
|--------------------|--|--------|
| <b>E9690028100</b> | Ten 20™ Conductive and Adhesive Paste, 114gr | 3/pkg. |
| <b>B9690018000</b> | Ten 20™ Conductive and Adhesive Paste, 228gr | 3/pkg. |
| <b>B9690028000</b> | Adhesive and Conductive TENSIVE, 50gr        | 1/ea   |

**Abrasive Prepping Paste**

| Code               | Description                                | QTY    |
|--------------------|--|--------|
| <b>B9690009100</b> | Abrasive Skin Prepping Paste NuPrep, 114gr | 3/pkg. |
| <b>B9690027000</b> | OneStep Abrasive Plus, 120gr               | 5/pkg. |

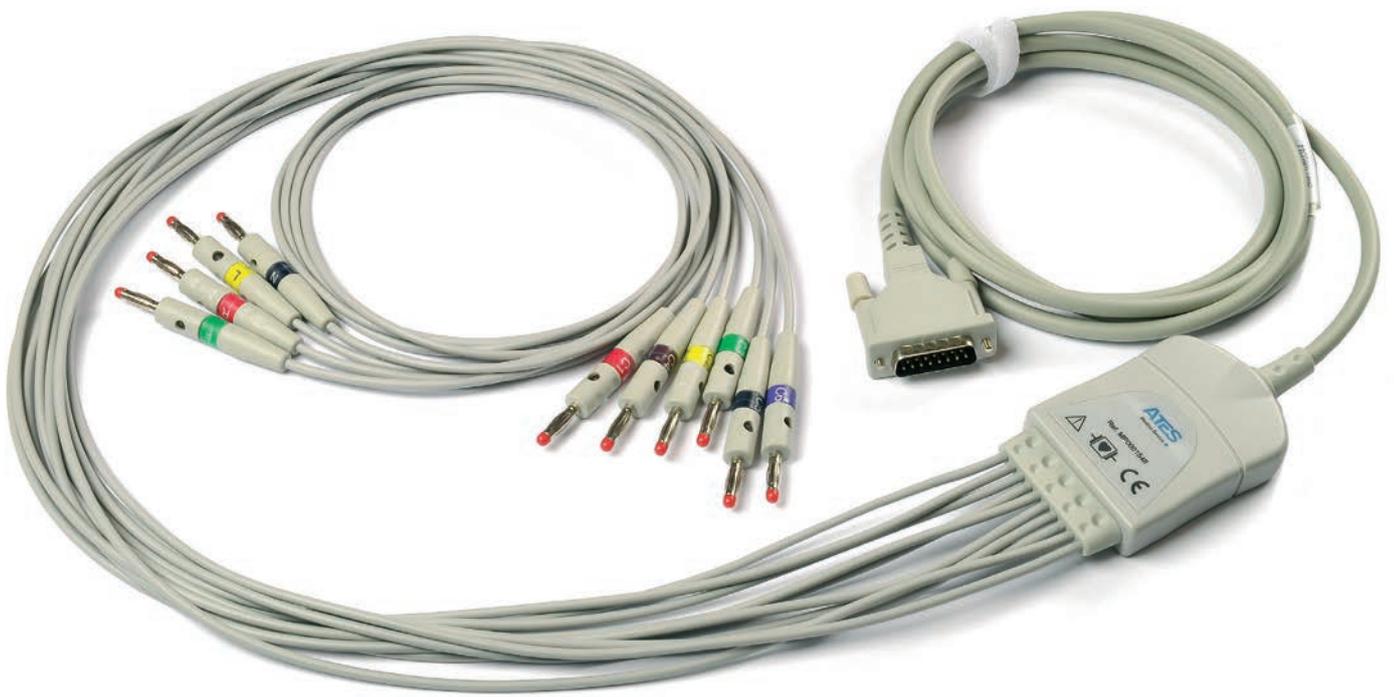


B9690026000

**Gels and Creams**

| Code               | Description                          | QTY     |
|--------------------|--------------------------------------|---------|
| <b>B9690026000</b> | OneStep EEG Gel, 120gr               | 25/pkg. |
| <b>B9690025000</b> | OneStep Cleargel, 120gr              | 25/pkg. |
| <b>B9690025100</b> | OneStep Cleargel, 500gr              | 5/pkg.  |
| <b>B9690025200</b> | OneStep Cleargel, 1Kg                | 1/ea    |
| <b>B9690025300</b> | OneStep Cleargel, 4Kg                | 1/ea    |
| <b>B9690001300</b> | Electroconductive Lithium Gel, 250ml | 12/pkg. |
| <b>B9722000001</b> | Electroconductive Gel, 250ml         | 25/pkg. |
| <b>B9722010001</b> | Electroconductive Cream, 250ml       | 25/pkg. |

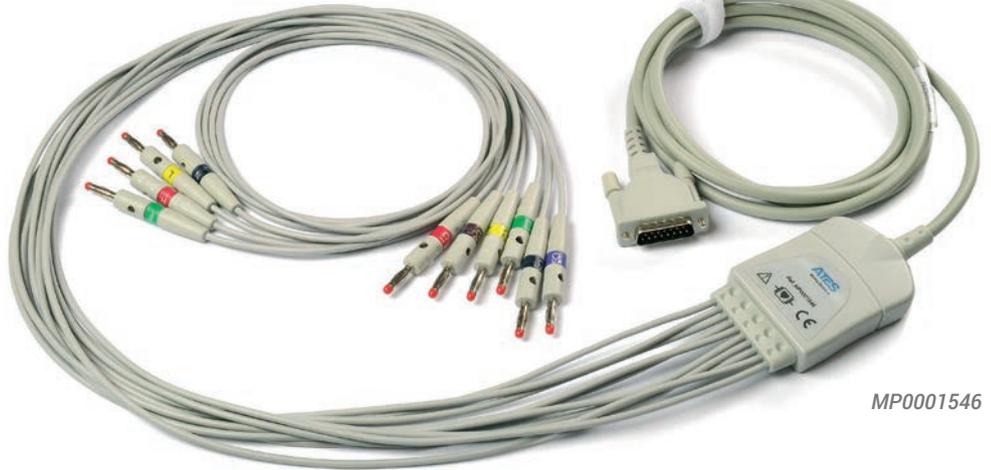
# EKG



Complete line of acquisition electrodes and cables for all the EKG investigations from pediatric to adult and veterinary uses.



MP0002433



MP0001546

## Patient Cables for Easy ECG Pocket

Patient cables with dedicated connector for **Easy ECG Pocket**.

| Code        | Description                      | Connectors | QTY     |
|-------------|----------------------------------|------------|---------|
| MP0001546   | 10 Poles                         | Banana 4mm | 1/ea    |
| MP0002221   | 10 Poles                         | Snap       | 1/ea    |
| MP0002433   | 10 Poles Twisted for Stress Test | Snap       | 1/ea    |
| MP0002060   | 4 Poles                          | Snap       | 1/ea    |
| B2490000029 | Alligator Clips for Veterinary   | Banana 4mm | 10/pkg. |



B2490000029

## Patient Cables for Easy ECG Holter

Patient cable with dedicated connector for **Easy ECG Holter**.

| Code    | Description | Connectors | QTY  |
|---------|-------------|------------|------|
| MA00172 | 5 Poles     | Snap       | 1/ea |
| MA00173 | 7 Poles     | Snap       | 1/ea |
| MA00174 | 10 Poles    | Snap       | 1/ea |



MA00173

**DID YOU KNOW?**

**Size matters!** Scientists discovered that in animals the heart rate is linked with animal size: the smaller is the animal the faster is the heart. Considering the huge diversity of animals, heart rate can vary from **2 beats per minute of a diving whale up to 600 beats per minute of a hummingbird.** This is the music of nature.





### EKG Electrodes

EKG Electrodes with **Universal 1-4mm connectors.**

| Code        | Description             | QTY    |
|-------------|-------------------------|--------|
| B9720610001 | Adult EKG Clamps        | 4/pkg. |
| B9720610002 | Pediatric EKG Clamps    | 4/pkg. |
| B9720190001 | EKG Suction Cups Ø=24mm | 6/pkg. |
| B9720190002 | EKG Suction Cups Ø=15mm | 6/pkg. |
| B9720190003 | EKG Suction Cups Ø=30mm | 6/pkg. |



B9610151000



B9610156000



B9610154000

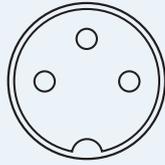
### Disposable Pregelled Ag/AgCl Surface Electrodes

| Code        | Pcs./Bag | Size    | Connector  | QTY*    |
|-------------|----------|---------|------------|---------|
| B9610151000 | 50       | 36x50mm | Banana 4mm | 20 Bags |
| B9610156000 | 60       | 33x51mm | Snap       | 25 Bags |
| B9610150000 | 3        | Ø=20mm  | Banana 4mm | 50 Bags |
| B9610155000 | 60       | 27x35mm | Snap       | 25 Bags |
| B9610154000 | 50       | Ø=50mm  | Snap       | 30 Bags |

\* Indivisible packaging.

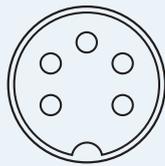


Here below a list of most common connectors and their application. It's highlighted the EB Neuro's system which support each of them.



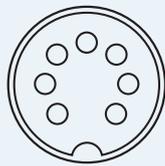
**Tuchel 3 Poles**

*Recording / Stimulating on most EMG Systems on the market.*



**Tuchel 5 Poles**

*Recording on most EMG Systems on the market.*



**Tuchel 7 Poles**

*NeMus Family Hand-Held Electrical Stimulator.*



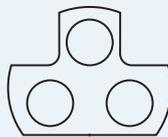
**FMM 1.5mm Touch Proof**

*Most common accessories for all use.*



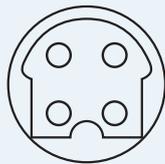
**Plastics One 2 Poles**

*NeMus Family Electrical Stimulator.*



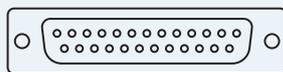
**Plastics One 3 Poles**

*Be Plus LTM Bipolar Channels.*



**Plastics One 4 Poles**

*NeMus Family Acoustic Stimulator.*



**DB 25**

*Universal Prewired Headcaps.*

*Dedicated connectors' accessories available on request. Please ask your local Area Manager for details.*

# Miscellaneous



**Audiology**

Wide range of accessories for audiology applications.



B9750070001



B9750070001

B9750070003

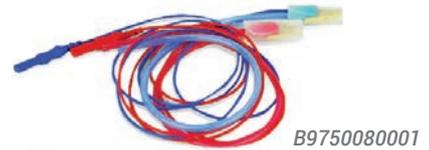
**Disposable Ear Tips**

Replacement Ear Tips for **RadioEar Insert Earphones**.

| <i>Code</i>        | <i>Description</i>             | <i>QTY</i> |
|--------------------|--------------------------------|------------|
| <b>B9750070001</b> | Pediatric Ear Tips (3.5mm)     | 20/pkg.    |
| <b>B9750070002</b> | Pediatric Ear Tips (4mm)       | 20/pkg.    |
| <b>B9750070003</b> | Adult Small Ear Tips (10mm)    | 50/pkg.    |
| <b>B9750070004</b> | Adult Standard Ear Tips (13mm) | 50/pkg.    |
| <b>B9750070005</b> | Adult Large Ear Tips (18mm)    | 24/pkg.    |

**EcoChocleoGraphy Accessories**

| <i>Code</i>        | <i>Description</i>                  | <i>QTY</i> |
|--------------------|-------------------------------------|------------|
| <b>B9750080001</b> | Cable for EcoCHG, FMM 1.5mm         | 2/pkg.     |
| <b>B9750070006</b> | Standard Ear Tips for EcoCHG (13mm) | 20/pkg.    |
| <b>B9750070007</b> | Small Ear Tips for EcoCHG (10mm)    | 20/pkg.    |



B9750080001



B9750070006

B9750070007



**Bone Vibrator Transducer**

| <i>Code</i>        | <i>Description</i> | <i>QTY</i> |
|--------------------|--------------------|------------|
| <b>B9109000107</b> | Bone Stimulator    | 1/ea       |

In this section are present some **additional accessories for particular applications**. Our R&D Team continuous improvement approach allows all our costumers to have the state-of-the-art of solutions in several different medical fields.



B9710680001



B9612004000



B9720180001

**Adapters**

| Code        | Description   | QTY    |
|-------------|---|--------|
| B9612004000 | MCH 1.5mm / FMM 1.5mm                                 | 2/pkg. |
| B9640015000 | 2x MCH 1.5mm / Plastics One 2 Poles (for NeMus)       | 1/ea   |
| B9710680001 | 2x MCH 1.5mm / Plastics One 3 Poles (for Be Plus LTM) | 1/ea   |
| B9640014000 | 2x Audio 1/4" / Plastics Ones 4 Poles (for NeMus)     | 1/ea   |



B9640015000



B9720370002

**Pudental Electrodes**

| Code        | Description  | QTY     |
|-------------|--|---------|
| B9720370002 | Cable for Pudental Electrode, Tuchel Recording Side, FMM 1.5mm Stimulating Side, L=200cm | 1/ea    |
| B9720370001 | Cable for Pudental Electrode, Tuchel Recording and Stimulating Sides, L=200cm            | 1/ea    |
| B9720180001 | Pudental Electrode   | 20/pkg. |

**Tibial Stimulation Kit**

| Code        | Description            | QTY    |
|-------------|------------------------|--------|
| B9610113000 | Tibial Stimulation Kit | 5/pkg. |





B8180940126

### Headcaps for rTMS

Special white fabric for **rTMS Hotspot Indication**. The kit includes a meter and a pencil. Single patient use.

| Code        | Size                  | Color | QTY     |
|-------------|-----------------------|-------|---------|
| B8180940124 | 4 - Adult Small       |       | 10/pkg. |
| B8180940125 | 5 - Adult Medium      |       | 10/pkg. |
| B8180940126 | 6 - Adult Large       |       | 10/pkg. |
| B8180940127 | 7 - Adult Extra Large |       | 10/pkg. |

### Other

| Code        | Description   | QTY      |
|-------------|---|----------|
| B9611107000 | Reflex Hammer, Hirose Connector                               | 1/ea     |
| B9611072000 | Reflex Hammer, FMM 1.5mm Connector                            | 1/ea     |
| B9611117000 | DTL Electrode for ERG-PERG, Cable L=13cm, FMM 1.5mm           | 100/pkg. |
| B9720320902 | Connection Cable for DTL Electrodes, L=120cm, FMM 1.5mm       | 10/pkg.  |
| B9713853001 | Contact Lens Electrodes for ERG with Cable L=100cm, FMM 1.5mm | 50/pkg.  |
| B9719970002 | Dermographic Pencil for EEG - Red                             | 1/ea     |
| B9719970001 | Dermographic Pencil for EEG - Blue                            | 1/ea     |



B9713853001



**Sustainable Packaging.** Reducing the environmental impact.

### Sustainable Packaging

The packaging of EB Neuro products is made with sustainable raw materials such as paper and cardboard from certified forest areas, in order to reduce environmental impact and respect future generations.

# Starting Kits



The best way to experience the quality of EB Neuro's systems is to use them with our dedicated starter kits. For each intended use you can find a kit with all needed accessories to start working immediately, obviously with highest EB Neuro's quality. Patients' treatment has never been so easy.

| <i>Code</i>        | <i>Description</i>   |
|--------------------|--|
| <b>B9602000001</b> | <p><b>EEG Accessories Kit with Ag/AgCl Cup Electrodes</b></p> <p><i>Including:</i></p> <ul style="list-style-type: none"> <li>- n° 30 of Ag/AgCl Standard Cup Electrodes</li> <li>- n° 1 of Ten 20™ Conductive and Adhesive Paste, 50gr</li> <li>- n° 1 of Abrasive Skin Prepping Paste NuPrep™, 25gr</li> <li>- n° 1 of Ruler</li> </ul>  |
| <b>B9602000002</b> | <p><b>EEG Accessories Kit with Bridge Electrodes</b></p> <p><i>Including:</i></p> <ul style="list-style-type: none"> <li>- n° 1 of PTS Rubber Headcap 6x4, Adult Medium</li> <li>- n° 24 of Ag/AgCl Adult Bridge Electrodes</li> <li>- n° 24 of Connection Cable, 2mm Banana Connector</li> <li>- n° 2 of Ag/AgCl Ear Clip Electrodes</li> <li>- n° 1 of Conductive OneGel, 250ml</li> </ul>   |
| <b>B9602000003</b> | <p><b>EP Accessories Kit</b></p> <p><i>Including:</i></p> <ul style="list-style-type: none"> <li>- n° 1 of Bar Stimulator, FMM 1.5mm</li> <li>- n° 10 of Ag/AgCl Standard Cup Electrodes</li> <li>- n° 1 of Snap Cable, L=200cm</li> <li>- n° 1 of Cotton Elastic Belt L=50cm with Snap Connector</li> <li>- n° 2 of Jumpers MCH/FMM 1.5mm</li> <li>- n° 1 of Ten 20™ Conductive and Adhesive Paste, 50gr</li> <li>- n° 1 of Abrasive Skin Prepping Paste NuPrep™, 25gr</li> <li>- n° 1 of Ruler</li> </ul>  |
| <b>B9602000004</b> | <p><b>EEG/EP Accessories Kit for ICU</b></p> <p><i>Including:</i></p> <ul style="list-style-type: none"> <li>- n° 2 of Adult Belt Bipolar Stimulator with Plastics One 2 Poles Connector, L=3m, Black/White</li> <li>- n° 4 of 5 Disposable Monopolar Subdermal Needles with Twisted Cable, Ø=0.35mm, L=12mm</li> <li>- n° 2 of Snap Cable, L=200cm</li> <li>- n° 2 of Cotton Elastic Belt L=50cm with Snap Connector</li> <li>- n° 2 of Adapter Plastics One 2 Poles Connector – 2x FMM 1.5mm</li> <li>- n° 2 of Jumpers MCH/FMM 1.5mm</li> <li>- n° 1 of Conductive OneGel, 250ml</li> <li>- n° 1 of Ruler</li> </ul>            |
| <b>B9602000005</b> | <p><b>EEG/PSG Accessories Kit</b></p> <p><i>Including:</i></p> <ul style="list-style-type: none"> <li>- n° 20 of Ag/AgCl Standard Cup Electrodes</li> <li>- n° 1 of Reusable 3-Way Airflow Transducer for Adult</li> <li>- n° 2 of Reusable Piezoelectric Respiratory Bands for Adult</li> <li>- n° 1 of Snoring Sensor</li> <li>- n° 2 of Snap Cable, L=200cm</li> <li>- n° 24 of Pregelled Adhesive Disk Electrodes, Ø=24mm</li> <li>- n° 1 of DC Body Position</li> <li>- n° 1 of Ten 20™ Conductive and Adhesive Paste, 50gr</li> <li>- n° 1 of Abrasive Skin Prepping Paste NuPrep™, 25gr</li> <li>- n° 1 of Ruler</li> </ul> |

| Code               | Description  |
|--------------------|--|
| <b>B960200006</b>  | <b>EMG Accessories Kit</b><br><i>Including:</i> <ul style="list-style-type: none"> <li>- n° 1 of Needle Holder for Concentric Needles</li> <li>- n° 5 of Disposable Steel Concentric Needle, L=37mm, Ø=0.45mm</li> <li>- n° 1 of Cable 3 Alligator Clips for Surface Electrodes with Tuchel</li> <li>- n° 100 of Disposable Adhesive Surface Electrodes 34x22mm</li> <li>- n° 1 of Not-Elastic Ring Electrodes with Plastics One 2 Poles Connector</li> <li>- n° 1 of Bipolar Stimulation Bar with Plastics One 2 Poles Connector</li> <li>- n° 1 of Snap Cable, L=200cm</li> <li>- n° 4 of Disposable Adhesive Surface Electrodes 35x45mm</li> <li>- n° 1 of Conductive OneGel, 250ml</li> <li>- n° 1 of Ruler</li> </ul> |
| <b>B9100668000</b> | <b>EMG Accessories Kit for VETERINARY</b><br><i>Including:</i> <ul style="list-style-type: none"> <li>- n° 1 of Needle Holder for Concentric Needles</li> <li>- n° 5 of Disposable Steel Concentric Needle, L=50mm, Ø=0.45mm</li> <li>- n° 2 of Needle Holder for Monopolar Teflonated Needles</li> <li>- n° 10 of Disposable Steel Teflonated Monopolar Needles, L=37mm, Ø=0.35mm</li> <li>- n° 5 of Disposable Monopolar Subdermal Needles L=13mm, Ø=0.40mm, Cable L=150cm</li> <li>- n° 1 of Ruler</li> </ul>   |
| <b>B9100668100</b> | <b>EEG/EP Accessories Kit for VETERINARY</b><br><i>Including:</i> <ul style="list-style-type: none"> <li>- n° 10 of Disposable Monopolar Subdermal Needles L=13mm, Ø=0.40mm, Cable L=150cm</li> <li>- n° 5 of Disposable Monopolar Subdermal Needles L=13mm, Ø=0.40mm, Cable L=200cm</li> <li>- n° 2 of Jumpers MCH/FMM 1.5mm</li> <li>- n° 1 of Ruler</li> </ul>  |
| <b>B9602000007</b> | <b>EKG Accessories Kit</b><br><i>Including:</i> <ul style="list-style-type: none"> <li>- n° 4 of Adult Clamps, Universal Connector 1-4mm</li> <li>- n° 6 of Suction Cups Ø=24mm, Universal Connector 1-4mm</li> <li>- n° 1 of Conductive OneGel, 250ml</li> </ul>  |

## For further information



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*Towards next evolution*



*Design and specifications subject to change without notice. Some of the parts and accessories shown in the pictures may be optional or not available in your Country.*



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