



PRODUCT CATALOGUE

# MECHANICAL LEAD EXTRACTION

 **EXTRA SAFE™**   
DILATOR SHEATHS

 **My Good BLOCK™**   
CLAMPING COLLET





# Dilator Sheaths



The polyamide sheaths combine great flexibility with excellent torsion control and sliding capacity.

The system is designed for telescopic use.

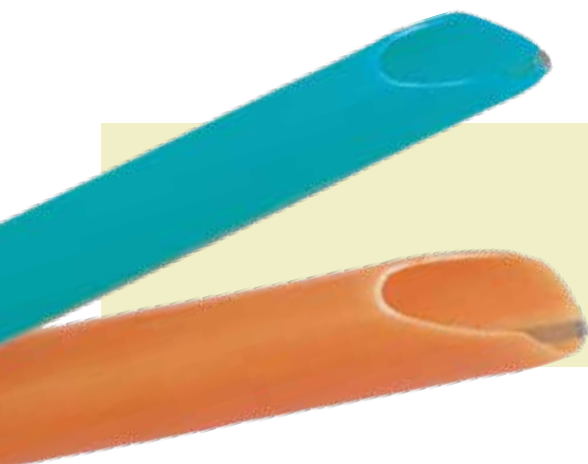
The color code allows immediate identification of the measures.



**3** AVAILABLE  
LENGTHS

**5** TELESCOPIC  
SETS

**7** DIFFERENT  
DIAMETERS



The ExtraSafe™ special double cut tip - patent pending - allows a greater cutting efficiency in clockwise and counterclockwise movements.



## TELESCOPE SETS

| COLOR  | inner diameter |     | outer diameter |     | available lengths | REF              |
|--------|----------------|-----|----------------|-----|-------------------|------------------|
|        | Fr             | mm  | Fr             | mm  |                   |                  |
| BLUE   | 7              | 2,3 | 9,5            | 3,1 | 460               | F3070/K3100-BA01 |
| GREEN  | 10             | 3,4 | 12             | 4,0 | 380               |                  |
| YELLOW | 8,5            | 2,8 | 11             | 3,6 | 460               | F3085/K3115-BA01 |
| WHITE  | 11,5           | 3,8 | 13,5           | 4,5 | 380               |                  |
| GREEN  | 10             | 3,4 | 12             | 4,0 | 460               | F3100/K3130-BA01 |
| ORANGE | 13             | 4,3 | 15             | 5,0 | 380               |                  |
| WHITE  | 11,5           | 3,8 | 13,5           | 4,5 | 460               | F3115/K3145-BA01 |
| GREY   | 14,5           | 4,8 | 17             | 5,5 | 380               |                  |
| ORANGE | 13             | 4,3 | 15             | 5,0 | 460               | F3130/K3160-BA01 |
| PINK   | 16             | 5,3 | 18             | 6,0 | 380               |                  |

## MyGoodBlock™ Clamping Collet

The MyGoodBlock™ clamping collet guarantees a safe mechanical tightening of sheath, allowing the proper transfer of the torque applied by the operator thanks to the perfect shape, dimension, weight and balancing as well as the non-slip handle.

Specifically developed for use with ExtraSafe™ sheaths, the clamping collet is compatible also with all polypropylene and PTFE sheaths

Two different models ensure compatibility with a wide range of sheaths.

| MODEL                                                      | F1703/MGB-1     | F1703/MGB-2      |
|------------------------------------------------------------|-----------------|------------------|
| <b>TIGHTENING DIAMETER</b><br>(for sheaths' compatibility) | 7.0 Fr to 13 Fr | 11.5 Fr to 16 Fr |





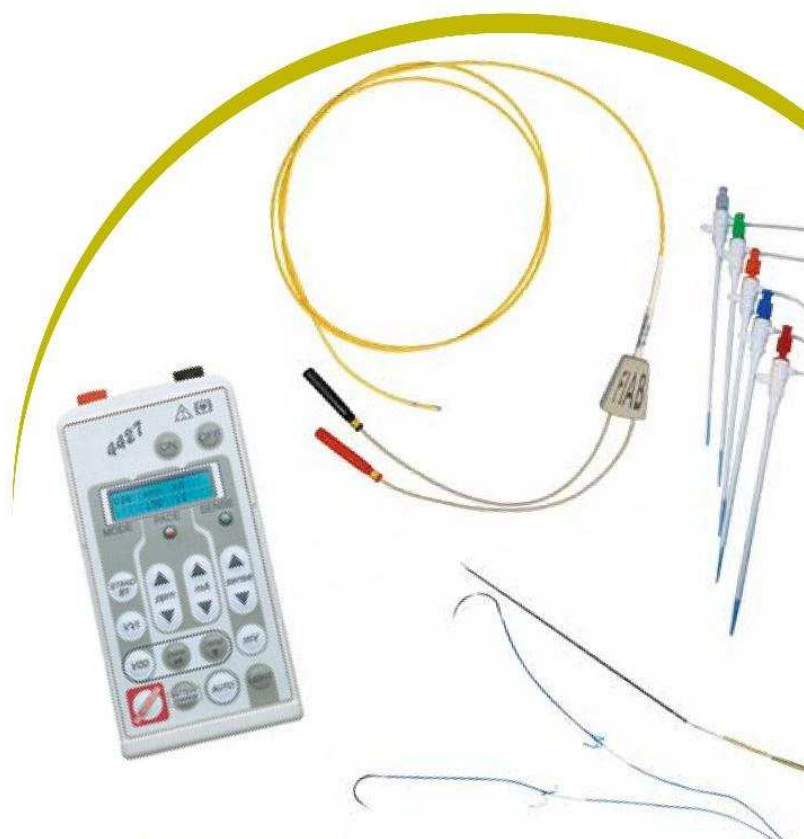
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## *PRODUCT CATALOGUE*

# **CARDIAC RHYTHM MANAGEMENT**

EXTERNAL PACEMAKERS  
HEARTWIRES  
TEMPORARY PACING  
EP DIAGNOSTIC LEADS  
CABLES AND ADAPTERS FOR EXTERNAL PACEMAKER  
PSA PACING CABLES  
INTRODUCERS  
TRANSESOPHAGEAL RECORDING AND PACING



# EXTERNAL PACEMAKERS

## 1797 Dual chamber external pacemaker

FIAB 1797 is a temporary dual-chamber external pacemaker, intended for use in conjunction with cardiac pacing leads for temporary single or dual chamber pacing in a clinical environment. The temporary pacemaker can be used for reliable synchronous or asynchronous pacing and several stimulation modes are available along with the high rate atrial burst and ramp functions.

Easy to configure and operate and with a handy design, its principal characteristics are:

- Double display
- Different connection terminals available
- Progressive optical and acoustic battery alarm
- Automatic electrical continuity check
- High frequency 800 ppm (burst + ramp)
- Real-time and continuous measurement of impedance and current intensity values
- Emergency function for the quick start of asynchronous stimulation with safety parameters
- Backup battery for the replacement of the main battery with no interruption of the patient stimulation.
- Lock / Unlock key
- Pause key



F1797/S



F1797/N



F1797/R



|                            |                                                                 |
|----------------------------|-----------------------------------------------------------------|
| <b>PACING MODE</b>         | DDD, DDI, D00, VDD, VAT, DAI, DVI, AAI, AA0, AAT, VVI, V00, VVT |
| <b>HI RATE FUNCTIONS</b>   | Burst, Decreasing ramp                                          |
| <b>RATE</b>                | 30÷250 ppm (max BURST 800 ppm)                                  |
| <b>PACING PERIOD</b>       | 2000÷240 ms (min BURST 75 ms)                                   |
| <b>PULSE DURATION</b>      | 1 ms (ATRIAL)   1,5 ms (VENTRICULAR)                            |
| <b>PULSE AMPLITUDE</b>     | 0,2÷18 V                                                        |
| <b>MAXIMUM SENSITIVITY</b> | 0,2 mV (ATRIAL)   0,8 mV (VENTRICULAR)                          |
| <b>AV DELAY</b>            | 20÷400 ms (MANUAL)   50÷245 ms (AUTOMATIC)                      |
| <b>PVRAP</b>               | 10÷500 ms (MANUAL)   200÷300 ms (AUTOMATIC)                     |

## 4427 EASYPACE - Single chamber external pacemaker

4427 EASYPACE is a single chamber external pacemaker providing reliable temporary stimulation, thanks to the microprocessor control of the parameters.

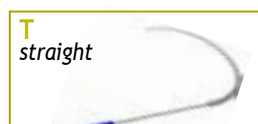
- Low battery indicator
- Standby battery for main battery replacement
- Autosense function for synchronous stimulation
- Atrial overdrive stimulation (burst and ramp)
- Antirunaway protection
- Alarm for electrode disconnection
- Impedance alarm for electrode disconnection

|                            |                                                   |
|----------------------------|---------------------------------------------------|
| <b>PACING MODE</b>         | VVI, V00, V00x4, AAI, A00, A00x4, decreasing ramp |
| <b>RATE</b>                | 30÷180 ppm (max BURST 720 ppm)                    |
| <b>PACING PERIOD</b>       | 2000÷333 ppm (min BURST 83 ms)                    |
| <b>PULSE DURATION</b>      | 1,4 ms                                            |
| <b>PULSE AMPLITUDE</b>     | 0,4÷40 mA                                         |
| <b>MAXIMUM SENSITIVITY</b> | 0,75 mV                                           |



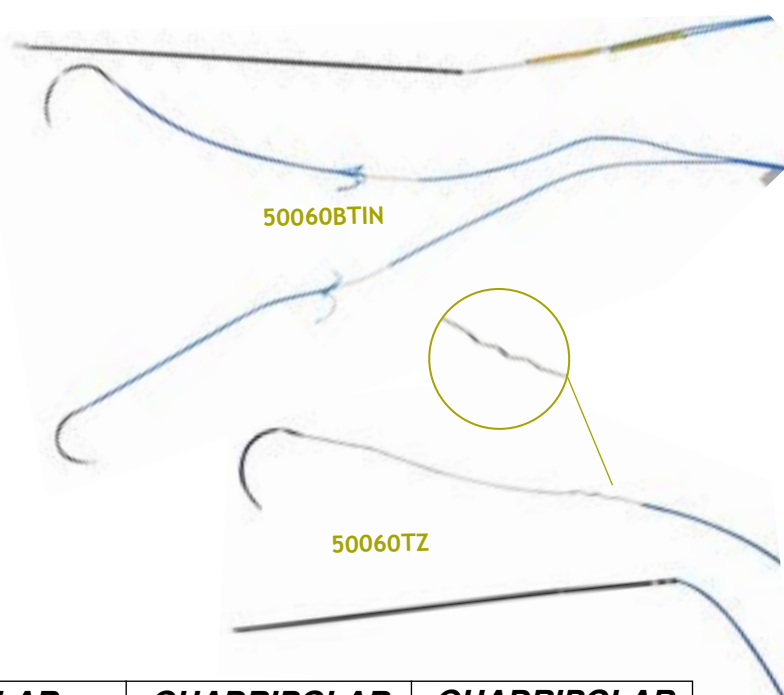
# MYOPACE® HEARTWIRES

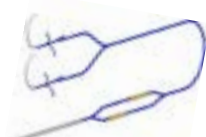
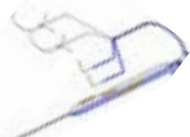
Myopace myocardial leads are sterile and disposable wires intended for temporary cardiac pacing after cardiac surgery. Made by a multi-stranded insulated wire, whose ends are fixed to the thorax needle (straight or curved) and to the heart needle, the range of electrodes includes unipolar, bipolar and quadripolar models, adult and pediatric, distinguished by the shape of the fixing surface (straight, zigzag, with tines, hook, loop). The colour of the insulation can be blue or white. Bipolar and quadripolar models can be supplied in bifurcated or in line configuration. Available lengths are 60 cm or 220 cm for adults and 55 cm or 220 cm for pediatric models. 220 cm bipolar and quadripolar models are wrapped on a special spool.



## UNIPOLAR ADAPTER MYOCONNECTOR

Myoconnector allows to equip FIAB Myopace with a 2 mm plug and it's particularly intended to be used with 220 cm long models.



| UNIPOLAR                                                                                        | BIPOLAR<br>BIFURCATED                                                               | BIPOLAR<br>IN LINE                                                                  | QUADRIPOlar<br>BIFURCATED                                                                                                                             | QUADRIPOlar<br>IN LINE                                                                |
|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>Colour</b><br>Blue<br>White                                                                  | <b>Colour</b><br>Blue-Blue<br>White-White                                           | <b>Colour</b><br>4xBlue<br>4xWhite<br>2xBlue + 2xWhite                              | <b>Colour</b><br>Blue-Blue<br>White-White                                                                                                             | <b>Colour</b><br>2xBlue + 2xWhite                                                     |
| <b>Connection</b><br>Cutted thorax needle<br>or Myoconnector                                    | <b>Connection</b><br>2x 1 mm Pin<br>or Myoconnector                                 |                                                                                     | <b>Connection</b><br>4x 1 mm Pin<br>or Myoconnector                                                                                                   |                                                                                       |
| <b>Length</b> 60 cm or 220 cm (for adults), 55 cm (paediatric)                                  |                                                                                     |                                                                                     |                                                                                                                                                       |                                                                                       |
| <b>Fixing surface:</b><br>Straight (T)<br>Zig Zag (TZ)<br>Tines (TIN)<br>Hook (TV)<br>Loop (TL) |                                                                                     |                                                                                     | <b>Fixing surface:</b><br>Straight (T)<br>Zig Zag (TZ)<br>Tines (TIN)<br>Hook (TV)<br>Loop (TL)<br>2xHook + 2xTines (TINV)<br>2xLoop + 2xTines (TINL) |                                                                                       |
|              |  |  |                                                                   |  |

## MYOPACE REFERENCE KEY

Ref. 5

**Poles**  
0 = 1 pole  
1 = 2x1 pole  
2 = 2 poles  
4 = 4 poles

**Length**  
050 = 55 cm  
(paediatric)  
060 = 60 cm  
(for adults)  
220 = 220 cm  
(for adults)

**Chest Needle Shape**  
<empty>  
= straight needle  
full tip  
A = straight needle  
full tip  
C = bent needle  
3/8 circle

**Unrolling type**  
<empty>  
= cardiac needle  
first  
R = chest needle  
first

**Cable colour**  
<empty>  
= blue (unipolar)  
= blue/white (bipolar)  
B = blue (bipolar)  
W = white  
BW = blue and white

**Fixing method**  
<empty>= straight  
(only paediatric)  
T = straight  
TIN = tines  
TZ = zig zag  
TV = hook or V shaped  
TL = loop  
TINV = 2 tines + 2 hooks  
TINL = 2 tines + 2 loops

**Adult/ paediatric**  
<empty>= adult  
P = paediatric

**Adaptor**  
<empty>  
= without adaptor  
M = with  
Myoconnector  
2mm pin

Example giving...

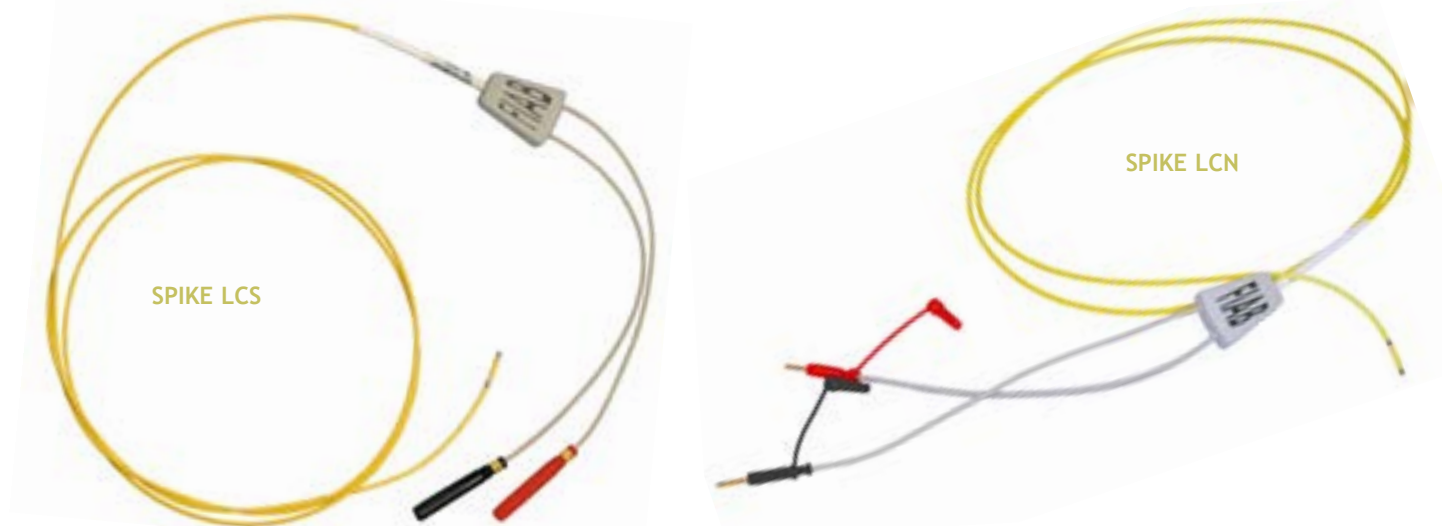
Ref 50060WTINM - Myopace, unipolar, 60 cm (for adults), white, straight with tines, with adaptor

# TEMPORARY PACING



## SPIKE LC

Temporary pacing SPIKE LC leads are designed to provide a reliable cardiac pacing and recording. The not braided shaft and the internal solid core allows a precise control without excessive stiffness. The leads are sterile, disposable, latex free and they are equipped with AISI stainless steel electrodes. The range of the preshaped curves include different solution for the positioning in the ventricle and atrium both through inferior and superior vena cava. The straight curve offer the possibility of pre-formation. SPIKE LC range is available with different diameters (4, 5 and 6 french) and electrode spacing. All models are equipped with touch proof 2 mm pins (Spike LCS) or with 2 mm pins with protective caps (Spike LCN).



### SPIKE LCS & LCN TECHNICAL FEATURES

|                           |                                       |
|---------------------------|---------------------------------------|
| BODY                      | not braided shaft, Pebax              |
| ELECTRODES                | AISI Stainless Steel                  |
| POLES                     | 2; 4                                  |
| INTER ELECTRODES DISTANCE | 2; 2-5-2; 5; 10 mm                    |
| CURVE                     | Cournand; Josephson; Damato; Straight |
| WORKING LENGTH            | 60 cm; 80 cm; 90 cm; 125 cm           |
| SECTIONS                  | 4F; 5F; 6F                            |

### SPIKE LCS & LCN REFERENCE KEY

Ref. 5

Poles  
2 = 2  
4 = 4

Curve  
1 = straight  
2 = Cournand  
3 = Josephson  
4 = Damato

Inter-electrode distance (mm)  
2 = 2  
5 = 2-5-2  
6 = 5  
0 = 10

Diameter  
4 = 4F  
5 = 5F  
6 = 6F

Series  
S = LCS  
N = LCN

Usable length (only LCN models)  
6 = 60 cm  
8 = 80 cm  
9 = 90 cm  
0 = 125 cm

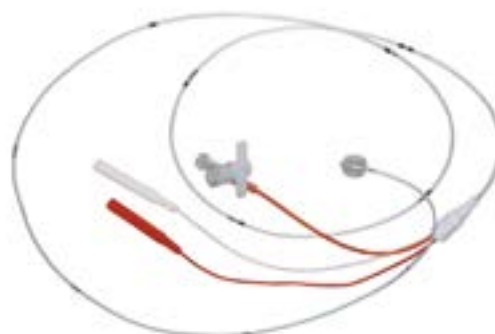
Example giving... **Ref 52266S** - Spike LC S, 2 poles, Cournand, 5 mm inter-electrode distance, 6 French, touch-proof

## SPIKE FLOW

SPIKE FLOW is a bipolar pacing balloon catheter, intended for quick, reliable, temporary transvenous cardiac pacing and sensing. Thanks to the inflated balloon it is flow-directed and can be placed easily without fluoroscopy during emergencies.

### SPIKE FLOW TECHNICAL FEATURES

|                             |              |
|-----------------------------|--------------|
| REF                         | 12165        |
| BODY                        | Polyurethane |
| FRENCH                      | 5F           |
| EFFECTIVE LENGTH            | 110 cm       |
| VOLUME OF BALLOON INFLATING | 1,0 cc       |
| BALLOON DIAMETER            | 9 mm         |
| INTER ELECTRODES DISTANCE   | 10 mm        |



# EP DIAGNOSTIC LEADS



FIAB diagnostic leads Spike ULTRA and SPIKE EASY are characterised by a braided shaft, made by Pebax with stainless steel braiding ensuring an excellent torqueability and longitudinal stability. Spike EASY is fully braided while Spike ULTRA has a not braided flexible distal section. The design and the wide range of models have been designed for a reliable, versatile and stable use during electrophysiologic studies (EPS) for an outstanding signal quality. The leads can be supplied with Platinum-Iridium electrodes (SPIKE ULTRA and SPIKE EASY) or stainless steel electrodes (SPIKE ULTRA LC and SPIKE EASY LC) with several fixed curvature, french sizes and interelectrode distances.

## SPIKE ULTRA

### SPIKE ULTRA TECHNICAL FEATURES

|                           |                                                                                                |
|---------------------------|------------------------------------------------------------------------------------------------|
| BODY                      | Braided shaft and soft tip, Pebax                                                              |
| ELECTRODES                | AISI Stainless Steel ("LC" models) or Platinum Iridium                                         |
| POLES                     | 2;3; 4; 6;10                                                                                   |
| INTER ELECTRODES DISTANCE | 2; 2-5-2; 5; 2-8-2; 10 mm                                                                      |
| CURVE                     | Cournand; Josephson; Damato; Coronary Sinus; HIS                                               |
| WORKING LENGTH            | 90 cm; 115 cm; 125 cm                                                                          |
| SECTIONS                  | 4F; 5F; 6F                                                                                     |
| CONNECTION                | 6 pins female REDEL connector ("R" models) touch proof gold plated 2 mm plugs (not "R" models) |

### SPIKE ULTRA REFERENCE KEY

| Ref. | Model<br>7 = ULTRA LC<br>8 or 9 = ULTRA | Poles<br>2 = 2<br>3 = 3<br>4 = 4<br>6 = 6<br>0 = 10 | Curve<br>1 = straight<br>2 = cournand<br>3 = josephson<br>4 = damato<br>5 = coronary sinus<br>6 = HIS | Inter-electrode distance (mm)<br>2 = 2<br>5 = 2-5-2<br>6 = 5<br>8 = 2-8-2<br>0 = 10 | Diameter<br>4 = 4F<br>5 = 5F<br>6 = 6F | Connection<br><empty> = touch-proof<br>R = redel | BR* |
|------|-----------------------------------------|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------|--------------------------------------------------|-----|
|------|-----------------------------------------|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------|--------------------------------------------------|-----|

*\*only for Spike Easy*

Example giving... Ref 82126 - Spike Ultra, 2 poles, straight, 2 mm inter-electrode distance, 6 French, touch-proof



## SPIKE EASY

### SPIKE EASY TECHNICAL FEATURES

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| BODY                      | Braided shaft, Steel Pebax                                                                        |
| ELECTRODES                | AISI Stainless Steel ("LC" models) or Platinum Iridium                                            |
| POLES                     | 2; 3; 4; 6; 10                                                                                    |
| INTER ELECTRODES DISTANCE | 2; 2-5-2; 5; 2-8-2; 10 mm                                                                         |
| CURVE                     | Cournand; Josephson; Damato; Coronary Sinus; HIS                                                  |
| WORKING LENGTH            | 90 cm; 115 cm; 125 cm                                                                             |
| SECTIONS                  | 4F; 5F; 6F                                                                                        |
| CONNECTION                | 6/10 pins female REDEL connector ("R" models) touch proof gold plated 2 mm plugs (not "R" models) |

### SPIKE EASY REFERENCE KEY

| Ref. | Model<br>7 = EASY LC<br>8 or 9 = EASY | Poles<br>2 = 2<br>4 = 4<br>6 = 6<br>0 = 10 | Curve<br>1 = straight<br>2 = cournand<br>3 = josephson<br>4 = damato<br>5 = coronary sinus<br>6 = HIS | Inter-electrode distance (mm)<br>2 = 2<br>5 = 2-5-2<br>6 = 5<br>8 = 2-8-2<br>0 = 10 | Diameter<br>4 = 4F<br>5 = 5F<br>6 = 6F | Connection<br><empty> = touch-proof<br>R = redel | BR* |
|------|---------------------------------------|--------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------|--------------------------------------------------|-----|
|------|---------------------------------------|--------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------|--------------------------------------------------|-----|

*\*only for Spike Easy*

Example giving...  
Ref 72304BR - Spike Easy LC, 2 poles, Josephson, 10 mm inter-electrode distance, 4 French, touch-proof

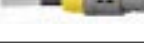
## CONNECTING CABLES



| ref          | poles | cable  | connector |
|--------------|-------|--------|-----------|
| F5406/4REDS  | 4     | 150 cm | redel     |
| F5406/6REDS  | 6     | 150 cm | redel     |
| F5406/10REDS | 10    | 150 cm | redel     |

# CABLES AND ADAPTERS FOR EXTERNAL PACEMAKER

## SHROUDED SOCKET 2 mm

| DISPOSABLE   |                                                                                                                   |              |
|--------------|-------------------------------------------------------------------------------------------------------------------|--------------|
| ref          | description                                                                                                       | cable colour |
| F7817/30LC   | Touch proof 2 mm shrouded plugs  | grey         |
| F7817/B30LC  |                                                                                                                   | blue         |
| F7817/33LC   | 2 mm plugs with protective caps  | grey         |
| F7817/B33LC  |                                                                                                                   | blue         |
| F7817/MEDLC  | Medtronic* type connector        | grey         |
| F7817/BMEDLC |                                                                                                                   | blue         |
| F7817/BIOLC  | Biotronic* Redel type connector  | grey         |
| F7817/BBIOLC |                                                                                                                   | blue         |
| F7817/OSYLC  | Osyпка* type connector           | grey         |
| F7817/BOSYLC |                                                                                                                   | blue         |
| REUSABLE     |                                                                                                                   |              |
| ref          | description                                                                                                       | cable colour |
| F7817/30     | Touch proof 2 mm shrouded plugs  | grey         |
| F7817/33     | Touch proof 2 mm shrouded plugs  | grey         |
| F7817/33E    | 2 mm plugs with protective caps  | grey         |
| F7817/MED    | Medtronic* type connector       | grey         |
| F7817/BMED   |                                                                                                                   | blue         |

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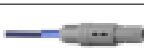


F7817/30LC



F7817/MED

## SCREW SOCKET 0,6-2,0 mm

| DISPOSABLE   |                                 |                                                                                     | CE 2797      |
|--------------|---------------------------------|-------------------------------------------------------------------------------------|--------------|
| ref          | description                     |                                                                                     | cable colour |
| F7818/30LC   | Touch proof 2 mm shrouded plugs |  | grey         |
| F7818/B30LC  |                                 |                                                                                     | blue         |
| F7818/33LC   | 2 mm plugs with protective caps |  | grey         |
| F7818/B33LC  |                                 |                                                                                     | blue         |
| F7818/MEDLC  | Medtronic* type connector       |  | grey         |
| F7818/BMEDLC |                                 |                                                                                     | blue         |
| F7818/BIOLC  | Biotronic* Redel type connector |  | grey         |
| F7818/BBIOLC |                                 |                                                                                     | blue         |
| F7818/4BIOLC |                                 |                                                                                     | grey         |
| F7818/BRLC   | Redel type connector            |  | grey         |
| F7818/OSYLC  | Osyпка* type connector          |  | grey         |
| F7818/BOSYLC |                                 |                                                                                     | blue         |
| REUSABLE     |                                 |                                                                                     | CE 2797      |
| ref          | description                     |                                                                                     | cable colour |
| F7818/30     | Touch proof 2 mm shrouded plugs |  | grey         |
| F7818/B30    |                                 |                                                                                     | blue         |
| F7818/33     | 2 mm plugs with protective caps |  | grey         |
| F7818/B33    |                                 |                                                                                     | blue         |
| F7818/MED    | Medtronic* type connector       |  | grey         |
| F7818/BMED   |                                 |                                                                                     | blue         |

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F7818/4BIOLC



F7818/30LC



F7818/30

## SCREW SIDE SOCKET 0-2 mm

| DISPOSABLE |                                 |                                                                                     | CE 2797      |
|------------|---------------------------------|-------------------------------------------------------------------------------------|--------------|
| ref        | description                     |                                                                                     | cable colour |
| F7819/30   | Touch proof 2 mm shrouded plugs |    | grey         |
| F7819/B30  |                                 |                                                                                     | blue         |
| F7819/33   | 2 mm plugs with protective caps |    | grey         |
| F7819/B33  |                                 |                                                                                     | blue         |
| F7819/MED  | Medtronic* type connector       |    | grey         |
| F7819/BMED |                                 |                                                                                     | blue         |
| F7819/BIO  | Biotronic* Redel type connector |    | grey         |
| F7819/BBIO |                                 |                                                                                     | blue         |
| F7819/OSY  | Osypka* type connector          |    | grey         |
| F7819/BOSY |                                 |                                                                                     | blue         |
| REUSABLE   |                                 |                                                                                     | CE           |
| ref        | description                     |                                                                                     | cable colour |
| F7816/30   | Touch proof 2 mm shrouded plugs |    | grey         |
| F7816/B30  |                                 |                                                                                     | blue         |
| F7816/33   | 2 mm plugs with protective caps |    | grey         |
| F7816/B33  |                                 |                                                                                     | blue         |
| F7816/MED  | Medtronic* type connector       |  | grey         |
| F7816/BMED |                                 |                                                                                     | blue         |
| F7816/BIO  | Biotronic* Redel type connector |  | grey         |
| F7816/BBIO |                                 |                                                                                     | blue         |
| F7816/RED  | Pace Medical* type connector    |  | grey         |
| F7816/BRED |                                 |                                                                                     | blue         |



F7819/30



F7819/B33



F7816/B30

## ADAPTERS

| NOT STERILE  |                                                         |                             | CE      |
|--------------|---------------------------------------------------------|-----------------------------|---------|
| ref          | description                                             | pieces                      |         |
| PG922/2TP2WG | from touch proof socket to 2 mm plug                    | 2 pieces (red+black)        |         |
| PG922/2TP4WG | from touch proof socket to 2 mm plug                    | 4 pieces (red+black+2 grey) |         |
| PG922/2TPVR  | from touch proof socket to 2 mm plug, with fixing screw | 6 pieces (red)              |         |
| PG922/2TPVN  | from touch proof socket to 2 mm plug, with fixing screw | 6 pieces (black)            |         |
| STERILE      |                                                         |                             | CE 2797 |
| ref          | description                                             | pieces                      |         |
| PG922/2TPS2  | from touch proof socket to 2 mm plug                    | 2 pieces (red+black)        |         |
| PG922/2TPS4  | from touch proof socket to 2 mm plug                    | 4 pieces (red+black+2 grey) |         |



PG922/2TP2WG



PG922/2TPV

## PSA PACING CABLES

Disposable sterile cables with black and red alligator clips or IS-1 connector intended for pacing and sensing threshold test.

| TOUCH PROOF 2 mm PLUGS |                                       |                   |                                                                                       |
|------------------------|---------------------------------------|-------------------|---------------------------------------------------------------------------------------|
| ref                    | connection                            | cable             |                                                                                       |
| F7830S                 | touch proof 2 mm plug                 | 200 cm grey cable |     |
| F7831S                 | touch proof 2 mm plug                 | 200 cm blue cable |                                                                                       |
| F7832S                 | touch proof 2 mm plug                 | 400 cm blue cable |                                                                                       |
| 2 mm PLUGS             |                                       |                   |                                                                                       |
| ref                    | connection                            | cable             |                                                                                       |
| F7833                  | 2 mm plug with protective cap         | 200 cm grey cable |     |
| F7833/4                | 2 mm plug with protective cap         | 400 cm grey cable |                                                                                       |
| F7833E                 | 2 mm elastic plug with protective cap | 200 cm grey cable |                                                                                       |
| F7834                  | 2 mm plug with protective cap         | 200 cm blue cable |                                                                                       |
| 4 mm SOCKET            |                                       |                   |                                                                                       |
|                        |                                       |                   |                                                                                       |
| F7830/AF               | 4 mm socket                           | 200 cm grey cable |     |
| 1,5 mm DIN SOCKET      |                                       |                   |                                                                                       |
|                        |                                       |                   |                                                                                       |
| F7830DIN               | 1,5 mm DIN socket                     | 200 cm grey cable |   |
| MEDTRONIC              |                                       |                   |                                                                                       |
| ref                    | connection                            | cable             |                                                                                       |
| F7830/MED              | Medtronic type connector              | 200 cm grey cable |   |
| F7832/MED              | Medtronic type connector              | 400 cm grey cable |                                                                                       |
| IS-1                   |                                       |                   |                                                                                       |
| ref                    | connection                            | cable             |                                                                                       |
| F7830IS-1              | touch-proof 2 mm plug                 | 200 cm cable      |   |
| F7833IS-1              | 2 mm plug with protective cap         | 200 cm cable      |  |
| DEBELLIS               |                                       |                   |                                                                                       |
| ref                    | connection                            | cable             |                                                                                       |
| F7830W/DEBELLIS        | IS-1 BI connection                    | 50 cm grey cable  |   |
| F7830B/DEBELLIS        | IS-1 BI connection                    | 50 cm blue cable  |                                                                                       |
| MEDTRONIC PROGRAMMER   |                                       |                   |                                                                                       |
| ref                    | connection                            | cable             |                                                                                       |
| F7840/MEDT             | 2 mm socket                           | 150 cm cable      |   |
| F7840/4/MEDT           | 2 mm socket                           | 400 cm cable      |                                                                                       |



F7830S



F7833



F7830IS-1



F7830W/DEBELLIS



F7840/MEDT

# INTRODUCERS

## PEEL AWAY INTRODUCERS

FIAB introducer kit with a PTFE Peel away sheet, allows an easy placement of pacing leads and catheters through one of the traditional venous accesses according to Seldinger's method.

| STANDARD |        |            |         |
|----------|--------|------------|---------|
| ref      | size   | guide wire | dilator |
| F47505   | 5 F    | 0,038"     | 17 cm   |
| F47506   | 6 F    |            |         |
| F47507   | 7 F    |            |         |
| F47508   | 8 F    |            |         |
| F47509   | 9 F    |            |         |
| F47609   | 9,5 F  |            |         |
| F47510   | 10 F   |            |         |
| F47610   | 10,5 F |            |         |
| F47511   | 11 F   |            |         |
| F47512   | 12 F   |            |         |
| F47513   | 13 F   |            |         |
| F47514   | 14 F   |            |         |
| F47515   | 15 F   |            |         |
| F47516   | 16 F   |            |         |
| F47517   | 17 F   | 0,035"     | 17 cm   |
| F47518   | 18 F   |            |         |
| F47507   | 7 F    |            |         |
| F47508   | 8 F    |            |         |
| F47509   | 9 F    |            |         |
| F47609   | 9,5 F  |            |         |
| F47510   | 10 F   |            |         |

| XL          |      |            |         |
|-------------|------|------------|---------|
| ref         | size | guide wire | dilator |
| F47506XL/23 | 6 F  | 0,038"     | 23 cm   |
| F47507XL/23 | 7 F  |            |         |
| F47508XL/23 | 8 F  |            |         |
| F47509XL/23 | 9 F  |            |         |
| F47510XL/23 | 10 F |            |         |
| F47511XL/23 | 11 F |            |         |
| F47512XL/23 | 12 F |            |         |
| F47508XL/33 | 8 F  |            | 33 cm   |
| F47509XL/33 | 9 F  |            |         |
| F47510XL/33 | 10 F |            |         |
| F47511XL/33 | 11 F |            |         |
| F47512XL/33 | 12 F |            |         |
| F47514XL/33 | 14 F |            |         |



| KIT WITH THRESHOLD CABLE |            |                 |
|--------------------------|------------|-----------------|
| ref                      | introducer | threshold cable |
| F47507/30                | F47507     | F7830S          |
| F47508/30                | F47508     |                 |
| F47509/30                | F47509     |                 |
| F47510/30                | F47510     |                 |
| F47507/33                | F47507     | F7833S          |
| F47508/33                | F47508     |                 |
| F47509/33                | F47509     |                 |
| F47609/33                | F47609     |                 |
| F47510/33                | F47510     |                 |

| SINGLE INTRODUCERS |      |         |
|--------------------|------|---------|
| ref                | size | dilator |
| F47506/S           | 6 F  | 17 cm   |
| F47507/S           | 7 F  |         |
| F47508/S           | 8 F  |         |
| F47509/S           | 9 F  |         |
| F47510/S           | 10 F |         |
| F47511/S           | 11 F |         |

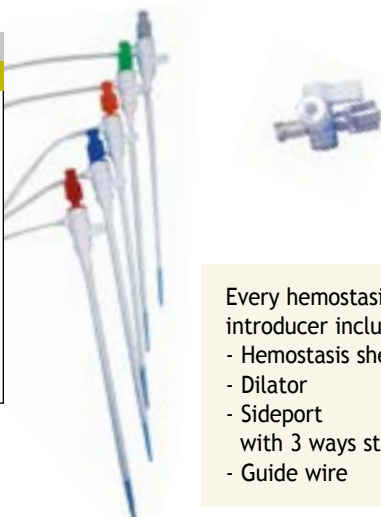
Standard and XL models include:

- Peel away sheet
- Dilator
- Syringe
- 19G needle
- Guide wire

## HEMOSTASIS VALVE INTRODUCERS

The hemostasis valve introducer kit allows the introduction of pacing leads and catheters in the vascular system. The Hemostatic valve features a reliable hemostatic seal to prevent blood loss and embolism.

| STANDARD   |      |            |         |
|------------|------|------------|---------|
| ref        | size | guide wire | dilator |
| F47704V    | 4 F  | 0,0035"    | 13,1 cm |
| F47705V    | 5 F  | 0,038"     |         |
| F47706V    | 6 F  |            |         |
| F47707V    | 7 F  |            |         |
| F47708V    | 8 F  |            |         |
| F47709V    | 9 F  |            |         |
| F47705V.35 | 5 F  | 0,035"     |         |
| F47706V.35 | 6 F  |            |         |
| F47707V.35 | 7 F  |            |         |
| F47708V.35 | 8 F  |            |         |
| F47709V.35 | 9 F  |            |         |



Every hemostasis valve introducer includes:

- Hemostasis sheet
- Dilator
- Sideport with 3 ways stopcock
- Guide wire

| KIT WITH NEEDLE |      |            |         |
|-----------------|------|------------|---------|
| ref             | size | guide wire | dilator |
| F47704VK        | 4 F  | 0,035"     | 12,6cm  |
| F47705VK        | 5 F  | 0,038"     | 13,1 cm |
| F47706VK        | 6 F  |            |         |
| F47707VK        | 7 F  |            |         |
| F47708VK        | 8 F  |            |         |
| F47709VK        | 9 F  |            |         |

| KIT WITH NEEDLE AND SYRINGE |      |            |         |
|-----------------------------|------|------------|---------|
| ref                         | size | guide wire | dilator |
| F47704VSK                   | 4 F  | 0,035"     | 12,6cm  |
| F47705VSK                   | 5 F  | 0,038"     | 13,1 cm |
| F47706VSK                   | 6 F  |            |         |
| F47707VSK                   | 7 F  |            |         |
| F47708VSK                   | 8 F  |            |         |
| F47709VSK                   | 9 F  |            |         |

# TRANSESOPHAGEAL RECORDING AND PACING

## PROBES

FIAB is leader manufacturer of transesophageal cardiac pacing and recording devices.

The line includes several models of esophageal probes allowing for the atrial pacing and recording.

Thanks to the great multi-year experience, FIAB esophageal probes are setting the standard for reliability and performance.

Every probe is equipped with 2 mm touch proof plugs and atraumatic silicone tip, available in different material, number of poles and electrode spacing.

An esophageal asynchronous external pacer and a recording filter allow to pace and record the P wave easily at the bed of patient.



### ESOKID S

*Paediatric*

| TECHNICAL FEATURES        |                            |             |
|---------------------------|----------------------------|-------------|
|                           | ESOKID 2S                  | ESOKID 4S   |
| REF                       | 25125ES                    | 25145ES     |
| N° POLES                  | 2                          | 4           |
| ELECTRODE MATERIAL        | STAINLESS STEEL            |             |
| BODY MATERIAL             | medical grade POLYURETHANE |             |
| BODY DIAMETER             | 2,0 mm - 6 French          |             |
| INTER ELECTRODES DISTANCE | 20 mm                      | 10/10/10 mm |
| CONNECTORS                | touch proof 2 mm plug      |             |

### ESOFLEX S

*Olive shaped electrodes and depth markers*

| TECHNICAL FEATURES       |                                |            |            |             |             |            |             |
|--------------------------|--------------------------------|------------|------------|-------------|-------------|------------|-------------|
|                          | ESOFLEX 2S                     | ESOFLEX 3S | ESOFLEX 4S | ESOFLEX 4NS | ESOFLEX 5S  | ESOFLEX 6S | ESOFLEX 10S |
| REF                      | 25125S                         | 25135S     | 25145S     | 25145NS     | 25155S      | 25165S     | 25105S      |
| N° POLES                 | 2                              | 3          | 4          | 4           | 5           | 6          | 10          |
| ELECTRODE MATERIAL       | STAINLESS STEEL                |            |            |             |             |            |             |
| BODY MATERIAL            | medical grade POLYURETHANE     |            |            |             |             |            |             |
| BODY DIAMETER            | 2,3 mm - 7 French              |            |            |             |             |            |             |
| INTER ELECTRODE DISTANCE | 30mm                           | 30/15mm    | 30/15/15mm | 15/15/15mm  | 20/15÷15 mm | 20/15÷15mm | 20/10÷10mm  |
| CONNECTORS               | touch proof 2 mm plug          |            |            |             |             |            |             |
| STYLETS                  | 2 stylets: Ø 0,35 mm - 0,40 mm |            |            |             |             |            |             |

### ESOSOFT S

*Silicone body*

| TECHNICAL FEATURES        |                                                          |            |             |             |             |
|---------------------------|----------------------------------------------------------|------------|-------------|-------------|-------------|
|                           | ESOSOFT 2S                                               | ESOSOFT 3S | ESOSOFT 4S  | ESOSOFT 5S  | ESOSOFT 6S  |
| REF                       | 35125S                                                   | 35135S     | 35145S      | 35155S      | 35165S      |
| N° POLES                  | 2                                                        | 3          | 4           | 5           | 6           |
| ELECTRODE MATERIAL        | STAINLESS STEEL                                          |            |             |             |             |
| BODY MATERIAL             | medical grade SILICONE - Internal quadrifilar coil MP35N |            |             |             |             |
| BODY DIAMETER             | 3,0 mm - 9 French                                        |            |             |             |             |
| INTER ELECTRODES DISTANCE | 30 mm                                                    | 30/15 mm   | 30/15/15 mm | 20/15÷15 mm | 20/15÷15 mm |
| CONNECTORS                | touch proof 2 mm plug                                    |            |             |             |             |
| STYLETS                   | 2 stylets: Ø 0,35 mm - 0,40 mm                           |            |             |             |             |

## ESOGOLD S

Olive shaped gold plated electrodes and depth markers



| TECHNICAL FEATURES        |                                |            |             |               |               |
|---------------------------|--------------------------------|------------|-------------|---------------|---------------|
|                           | ESOGOLD 2S                     | ESOGOLD 3S | ESOGOLD 4S  | ESOGOLD 5S    | ESOGOLD 6S    |
| REF                       | 27125S                         | 27135S     | 27145S      | 27155S        | 27165S        |
| N° POLES                  | 2                              | 3          | 4           | 5             | 6             |
| ELECTRODE MATERIAL        | GOLD PLATED BRASS              |            |             |               |               |
| BODY MATERIAL             | medical grade POLYURETHANE     |            |             |               |               |
| BODY DIAMETER             | 2,3 mm - 7 French              |            |             |               |               |
| INTER ELECTRODES DISTANCE | 30 mm                          | 30/15 mm   | 30/15/15 mm | 20/15 ÷ 15 mm | 20/15 ÷ 15 mm |
| CONNECTORS                | touch proof 2 mm plug          |            |             |               |               |
| STYLETS                   | 2 stylets: Ø 0,35 mm - 0,40 mm |            |             |               |               |

## ESOLO

Olive shaped electrodes



| TECHNICAL FEATURES        |                                   |            |             |
|---------------------------|-----------------------------------|------------|-------------|
|                           | ESOLO 2                           | ESOLO 4    | ESOLO 6     |
| REF                       | 25125LO                           | 25145LO    | 25165LO     |
| N° POLES                  | 2                                 | 4          | 6           |
| ELECTRODE MATERIAL        | STAINLESS STEEL                   |            |             |
| BODY MATERIAL             | medical grade POLYURETHANE        |            |             |
| BODY DIAMETER             | 2,3 mm - 7 French                 |            |             |
| INTER ELECTRODES DISTANCE | 30mm                              | 30/15/15mm | 20/15÷15 mm |
| CONNECTORS                | touch proof gold plated 2 mm plug |            |             |
| STYLETS                   | 1 stylet: Ø 0,35 mm               |            |             |

### F5406/4TPS



### CONNECTING CABLES

| ref        | pole | cable length | connection  |
|------------|------|--------------|-------------|
| F5406/4TPS | 4    | 150 cm       | touch proof |
| F5406/6TPS | 6    | 150 cm       | touch proof |
| F5401TPS   | 10   | 150 cm       | touch proof |

### STIMULATOR

2007

Asynchronous  
Esophageal  
cardiac stimulator



### ECG RECORDING FILTER

30104 Rostock

Filter  
for recording  
Atrial signals  
with an  
ECG monitor





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MD 77846



*PRODUCT CATALOGUE*

# **OXYGEN THERAPY**

**MASKS  
NASAL CANNULAS  
HUMIDIFIERS**



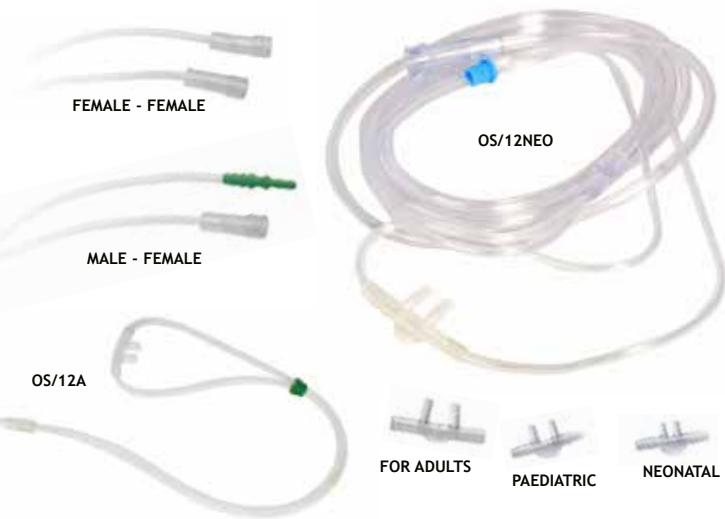
# MASKS

FIAB offers several masks for oxygen therapy, paediatric and for adults, with high or medium concentration. Tracheotomy masks, Venturi masks and Aerosol masks are also available in several configurations. The whole range includes many DEPH free items.

| HIGH CONCENTRATION SOFT MASKS WITH TUBING AND SURE FLOW TUBING            |                                                                                     |                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ref.                                                                      | description                                                                         | picture                                                                                                                                                                                                                                                                                                                                            |
| OS/50                                                                     | for adults                                                                          |                                                                                                                                                                                |
| OS/50D                                                                    | for adults, DEPH free                                                               |                                                                                                                                                                                                                                                                                                                                                    |
| OS/50P                                                                    | paediatric                                                                          |                                                                                                                                                                                                                                                                                                                                                    |
| OS/50PD                                                                   | paediatric, DEPH free                                                               |                                                                                                                                                                                                                                                                                                                                                    |
| MEDIUM CONCENTRATION SOFT MASKS WITH SURE FLOW TUBING                     |                                                                                     |                                                                                                                                                                                                                                                                                                                                                    |
| ref.                                                                      | description                                                                         | picture                                                                                                                                                                                                                                                                                                                                            |
| OS/100                                                                    | for adults                                                                          |           |
| OS/100D                                                                   | for adults, DEPH free                                                               |                                                                                                                                                                                                                                                                                                                                                    |
| OS/100P                                                                   | paediatric                                                                          |                                                                                                                                                                                                                                                                                                                                                    |
| OS/100PD                                                                  | paediatric, DEPH free                                                               |                                                                                                                                                                                                                                                                                                                                                    |
| OS/100N                                                                   | neonatal, DEPH free                                                                 |                                                                                                                                                                                                                                                                                                                                                    |
| OS/100T                                                                   | tent mask for adult                                                                 |                                                                                                                                                                                                                                                                                                                                                    |
| TRACHEOTOMY MASKS                                                         |                                                                                     |                                                                                                                                                                                                                                                                                                                                                    |
| ref.                                                                      | description                                                                         | picture                                                                                                                                                                                                                                                                                                                                            |
| OS/110                                                                    | for adults                                                                          |                                                                                                                                                                              |
| OS/110P                                                                   | paediatric                                                                          |                                                                                                                                                                                                                                                                                                                                                    |
| OS/110K                                                                   | Venturi mask with sure flow tubing and 7 different oxygen flow diluters, for adults |                                                                                                                                                                                                                                                                                                                                                    |
| VENTURI MASKS WITH SURE FLOW TUBING AND 7 DIFFERENT OXYGEN FLOW DILUTERS  |                                                                                     |                                                                                                                                                                                                                                                                                                                                                    |
| ref.                                                                      | description                                                                         | picture                                                                                                                                                                                                                                                                                                                                            |
| OS/60K                                                                    | for adults                                                                          |                                                                                                                                                                             |
| OS/60KD                                                                   | for adults, DEPH free                                                               |                                                                                                                                                                                                                                                                                                                                                    |
| OS/70K                                                                    | paediatric                                                                          |                                                                                                                                                                                                                                                                                                                                                    |
| OS/70KD                                                                   | paediatric, DEPH free                                                               |                                                                                                                                                                                                                                                                                                                                                    |
| VENTURI MASKS WITH SURE FLOW TUBING AND "ALL IN ONE" OXYGEN FLOW DILUTERS |                                                                                     |                                                                                                                                                                                                                                                                                                                                                    |
| ref.                                                                      | description                                                                         | picture                                                                                                                                                                                                                                                                                                                                            |
| OS/62K                                                                    | for adults                                                                          |                                                                                                                                                                            |
| OS/62KD                                                                   | for adults, DEPH free                                                               |                                                                                                                                                                                                                                                                                                                                                    |
| OS/72                                                                     | paediatric                                                                          |                                                                                                                                                                                                                                                                                                                                                    |
| OS/72KD                                                                   | paediatric, DEPH free                                                               |                                                                                                                                                                                                                                                                                                                                                    |
| AEROSOL MASKS                                                             |                                                                                     |                                                                                                                                                                                                                                                                                                                                                    |
| ref.                                                                      | description                                                                         | picture                                                                                                                                                                                                                                                                                                                                            |
| OS/80                                                                     | for adults                                                                          |     |
| OS/80D                                                                    | for adults, DEPH free                                                               |                                                                                                                                                                                                                                                                                                                                                    |
| OS/80P                                                                    | paediatric                                                                          |                                                                                                                                                                                                                                                                                                                                                    |
| OS/80PD                                                                   | paediatric, DEPH free                                                               |                                                                                                                                                                                                                                                                                                                                                    |
| OS/80N                                                                    | neonatal, DEPH free                                                                 |                                                                                                                                                                                                                                                                                                                                                    |
| OS/80T                                                                    | tent mask for adult                                                                 |                                                                                                                                                                                                                                                                                                                                                    |
| OS/80SM                                                                   | for adults (only mask)                                                              |                                                                                                                                                                                                                                                                                                                                                    |
| OS/80PSM                                                                  | paediatric (only mask)                                                              |                                                                                                                                                                                                                                                                                                                                                    |
| OS/90                                                                     | Aerosol set: mouthpiece, corrugated tube, nebulizer and sure flow tubing            |                                                                                                                                                                                                                                                                                                                                                    |

## NASAL CANNULAS

Nasal cannulas range includes a traditional Ray Ban nasal cannula and a wide range of american type cannulas with different features. Extension tubing complete the range.

| TRADITIONAL      |                                                       |                                                                                      |
|------------------|-------------------------------------------------------|--------------------------------------------------------------------------------------|
| ref.             | description                                           | picture                                                                              |
| OS/15M           | traditional Ray Ban nasal cannula                     |    |
| AMERICAN TYPE    |                                                       |                                                                                      |
| ref.             | description                                           | picture                                                                              |
| OS/12A           | for adults, 210cm tubing                              |   |
| OS/12AD          | adults, 210cm tubing, DEPH free                       |                                                                                      |
| OS/12AL          | for adults, 500cm soft tubing                         |                                                                                      |
| OS/12AT          | for adults, 500cm tubing                              |                                                                                      |
| OS/12ATL         | for adults, 210cm soft tubing                         |                                                                                      |
| OS/12AVL         | for adults, 1000cm soft tubing                        |                                                                                      |
| OS/12AXT         | for adults, 250cm tubing                              |                                                                                      |
| OS/12PED         | paediatric 210cm tubing                               |                                                                                      |
| OS/12NEO         | neonatal 210cm tubing                                 |                                                                                      |
| OS/12AS          | for adults, 210cm tubing with soft nasal distributor  |                                                                                      |
| OS/12ATS         | for adults, 500cm tubing with soft nasal distributor  |                                                                                      |
| OS/12AVS         | for adults, 1000cm tubing with soft nasal distributor |                                                                                      |
| EXTENSION TUBING |                                                       |                                                                                      |
| ref.             | description                                           | picture                                                                              |
| OS/40            | 200 cm, female-female connection                      |  |
| OS/41            | 200 cm, male-female connection                        |                                                                                      |
| OS/400           | 500 cm, female-female connection                      |                                                                                      |
| OS/410           | 500 cm, male-female connection                        |                                                                                      |

## HUMIDIFIERS

A series of humidifiers completes the range of FIAB products for oxygen therapy.

| ref.      | description                                                                              | picture                                                                                                                        |
|-----------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| OS/3      | disposable, with connection tubing                                                       |  <p>OS/17-6LN</p> <p>OS/4M</p> <p>OS/3</p> |
| OS/17-6   | disposable, with screw connection and safety valve 6 PSI                                 |                                                                                                                                |
| OS/17-6LN | disposable, with screw connection and safety valve 6 PSI microporous filter              |                                                                                                                                |
| OS/17RC   | adapter for 1/4 inches flowmeters                                                        |                                                                                                                                |
| OS/4M     | kit made up of humidifier OS/3 and nasal cannula OS/12A (packed in pouch and carton box) |                                                                                                                                |
| OS/16M    | kit made up of humidifier OS/3 and nasal cannula OS/12 (packed in PET pouch)             |                                                                                                                                |



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## *PRODUCT CATALOGUE* **ELECTROTHERAPY**

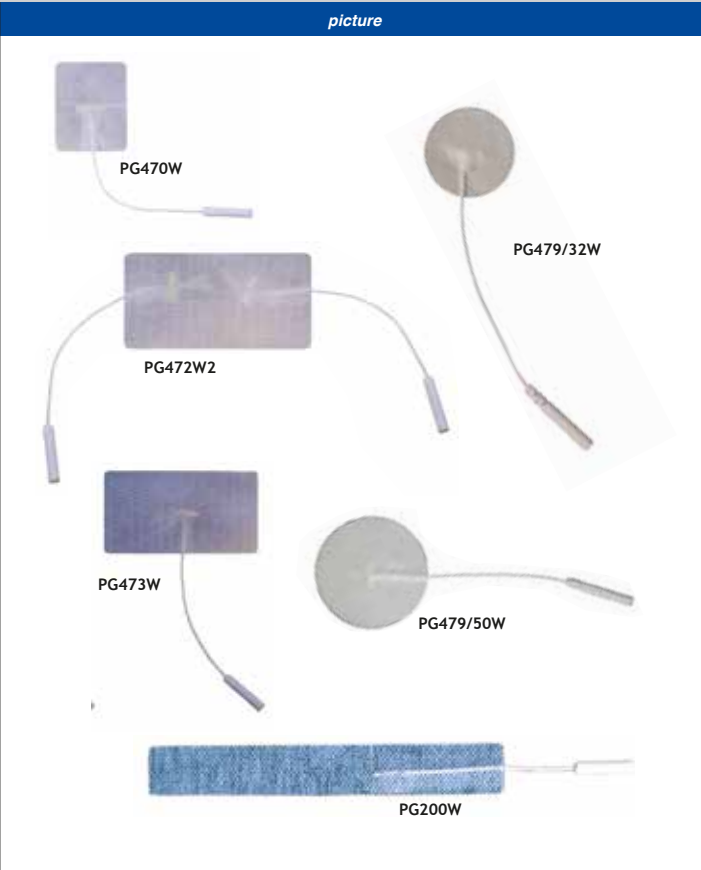
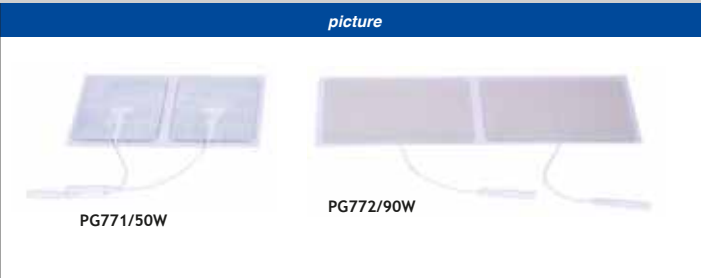
TENS FULLY GELLED ELECTRODES  
EEG/EMG FULLY GELLED ELECTRODES  
REUSABLE ELECTRODES  
HOLDING BAGS  
FASTENING BELTS  
ADAPTERS  
OUTPUT DOUBLING CABLES  
PROBES  
SPECIAL PRODUCTS  
CONNECTING CABLES  
GEL



# TENS FULLY GELLED ELECTRODES

FIAB manufactures a wide range of TENS electrodes in assorted shapes, materials and connections with a comfortable and effective design to suit every need.

## ELECTRODES WITH WIRE AND 2 MM SOCKET

| NON WOVEN               |                     |                                                                                      |            |                     |
|-------------------------|---------------------|--------------------------------------------------------------------------------------|------------|---------------------|
| ref.                    | size                | picture                                                                              | ref.       | size                |
| PG470W                  | 35x45mm             |   | PG474W     | 45x98mm             |
| PG471W                  | 46x47mm             |                                                                                      | PG475W     | 65x45mm             |
| PG471/40W               | 40x40mm             |                                                                                      | PG476W     | 45x150mm            |
| PG471/50W               | 50x50mm             |                                                                                      | PG477W     | 75x140mm            |
| PG471/63W               | 63x63mm             |                                                                                      | PG479/32W  | Ø32mm               |
| PG472W                  | 53x96mm             |                                                                                      | PG479/50W  | Ø50mm               |
| PG472W2                 | 53x96mm - two wires |                                                                                      | PG479/75W  | Ø75mm               |
| PG472/90W               | 50x96mm             |                                                                                      | PG479OVW   | 50x100 mm - oval    |
| PG473W                  | 45x80mm             |                                                                                      | PG480/95W2 | 150X95 mm           |
| PG473W2                 | 45x80mm - two wires |                                                                                      | PG200W     | 20x145mm            |
| NON WOVEN - CHLORINATED |                     |                                                                                      |            |                     |
| ref.                    | size                | picture                                                                              | ref.       | size                |
| PG771/50W               | 50x50mm             |  | PG772/90W2 | 50x90mm - two wires |
| PG772/90W               | 50x90mm             |                                                                                      | PG774W     | 45x98mm             |
| FOAM                    |                     |                                                                                      |            |                     |
| ref.                    | size                | picture                                                                              | ref.       | size                |
| PG871/40W               | 40x40mm             |  | PG890W     | 40x90mm             |
| PG871/50W               | 50x50mm             |                                                                                      | PG879/32W  | Ø32mm               |
| PG873W                  | 45X80mm             |                                                                                      | PG879/50W  | Ø50mm               |
| PG873W2                 | 45x80mm - two wires |                                                                                      | PG879/75W  | Ø75mm               |
| PG874W                  | 45x98mm             |                                                                                      |            |                     |

## SNAP ELECTRODES

| NON WOVEN               |                    |                                                                                      |           |                     |
|-------------------------|--------------------|--------------------------------------------------------------------------------------|-----------|---------------------|
| ref.                    | size               | picture                                                                              | ref.      | size                |
| PG470                   | 35x45mm            |    | PG474     | 45x98mm             |
| PG471                   | 46x47mm            |                                                                                      | PG475     | 65x45mm             |
| PG471/40                | 40x40mm            |                                                                                      | PG476     | 45x150mm            |
| PG471/50                | 50x50mm            |                                                                                      | PG477     | 75x140mm            |
| PG471/63                | 63x63mm            |                                                                                      | PG490     | 40x90mm             |
| PG472                   | 53x96mm            |                                                                                      | PG479/32  | Ø32mm               |
| PG472/90                | 50x90mm            |                                                                                      | PG479/50  | Ø50mm               |
| PG473                   | 45x80mm            |                                                                                      | PG479/75  | Ø75mm               |
| PG473/2                 | 45x80mm - two snap |                                                                                      |           |                     |
| NON WOVEN - CHLORINATED |                    |                                                                                      |           |                     |
| ref.                    | size               | picture                                                                              | ref.      | size                |
| PG771/50                | 50x50mm            |    | PG772/902 | 50x90mm - two snap  |
| PG772/90                | 50x90mm            |                                                                                      | PG774     | 45x98mm             |
| FOAM                    |                    |                                                                                      |           |                     |
| ref.                    | size               | picture                                                                              | ref.      | size                |
| PG871/50                | 50x50mm            |  | PG10C     | Ø26mm               |
| PG873                   | 45X80mm            |                                                                                      | PG20      | 28X68mm - two snaps |
| PG879/75                | Ø75mm              |                                                                                      | F3010     | 21X41mm - two snaps |

## TAB ELECTRODES

| NON WOVEN |         |                                                                                      |  |                   |
|-----------|---------|--------------------------------------------------------------------------------------|--|-------------------|
| ref.      | size    | picture                                                                              |  | ref. size         |
| PG470L    | 35x45mm |  |  | PG476L 45x150mm   |
| PG471L    | 46x47mm |                                                                                      |  | PG200 10X155mm    |
| PG473L    | 45X80mm |                                                                                      |  | PG200/20 20x155mm |

## EEG/EMG FULLY GELLED ELECTRODES

Besides TENS electrodes, FIAB also offers some models specifically intended for EEG and EMG, both with foam and non-woven support and with several connections.

| NON WOVEN |                 |                   |        |                                                                                     |            |                 |                   |        |
|-----------|-----------------|-------------------|--------|-------------------------------------------------------------------------------------|------------|-----------------|-------------------|--------|
| ref.      | size            | connection        | wire   | picture                                                                             | ref.       | size            | connection        | wire   |
| F9055/07  | 15x20 mm (oval) | 0,7 mm plug       | 8 cm   |  | F9055/150  | 15x20 mm (oval) | 1,5 mm DIN socket | 150 cm |
| F9055/1   | 15x20 mm (oval) | 1 mm              | 8 cm   |                                                                                     | F9055N/120 | 18x24 mm (oval) | 1,5 mm DIN socket | 120 cm |
| F9055/D   | 15x20 mm (oval) | 1,5 mm DIN socket | 8 cm   |                                                                                     | F9055N/150 | 18x24 mm (oval) | 1,5 mm DIN socket | 150 cm |
| F9055/120 | 15x20 mm (oval) | 1,5 mm DIN socket | 120 cm |                                                                                     |            |                 |                   |        |
|           |                 |                   |        |                                                                                     |            |                 |                   |        |
| FOAM      |                 |                   |        |                                                                                     |            |                 |                   |        |
| ref.      | size            | connection        | wire   | picture                                                                             | ref.       | size            | connection        | wire   |
| F9059/07  | 15x20 mm (oval) | 1 mm              | 8 cm   |  | F9059N     | 23x30 mm (oval) | 1,5 mm DIN socket | 50 cm  |
| F9059/1   | 15x20 mm (oval) | 0,7 mm plug       | 8 cm   |                                                                                     | F9059N/60  | 23x30 mm (oval) | 1,5 mm DIN socket | 60 cm  |
| F9059/D   | 15x20 mm (oval) | 1,5 mm DIN socket | 8 cm   |                                                                                     | F9059N/120 | 23x30 mm (oval) | 1,5 mm DIN socket | 120 cm |

# REUSABLE ELECTRODES

FIAB reusable electrodes include many different silicone models along with sythetic buckskin coupled with a special carbon conductive material. A wide range of conductive band electrodes (elastic, cloth, silicone and buckskin coupled) is also available.

## SILICONE

| CONDUCTIVE SILICONE ELECTRODES |            |            |          |          |                   |                     |        |
|--------------------------------|------------|------------|----------|----------|-------------------|---------------------|--------|
| size                           | 2mm SOCKET | 4mm SOCKET | 2mm PLUG | 4mm PLUG | WIRE AND 4mm PLUG | WIRE AND 4mm SOCKET | SNAP   |
| 50x50mm                        | PG970/2    | PG970/4    | PG970/22 | PG970/44 | PG970/41          | PG970/51            |        |
| 60x85mm                        | PG980/2    | PG980/4    | PG980/22 | PG980/44 | PG980/41          | PG980/51            |        |
| 50x100mm                       | PG916/2    | PG916/4    | PG916/22 | PG916/44 | PG916/41          | PG916/51            |        |
| 80x120mm                       | PG912/2    | PG912/4    | PG912/22 | PG912/44 | PG912/41          | PG912/51            |        |
| 120x160mm                      |            | PG917/4    |          | PG917/44 | PG917/41          | PG917/51            |        |
| Ø25mm                          | PG925/2    | PG925/4    | PG925/22 | PG925/44 |                   |                     | PG925C |
| Ø50mm                          | PG950/2    | PG950/4    | PG950/22 | PG950/44 |                   |                     |        |
| Ø55mm                          | PG960/55   |            |          |          |                   |                     |        |
| Ø75mm                          | PG960/75   |            |          |          |                   |                     |        |
| Ø95mm                          | PG960/95   |            |          |          |                   |                     |        |



PG970/44



PG980/44



PG925/2



PG950/4

PG970/2  
(with holding bag)

PG916/2



PG960/95

PG960/75

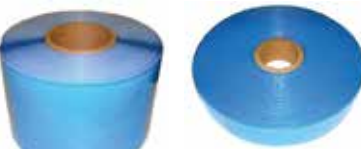


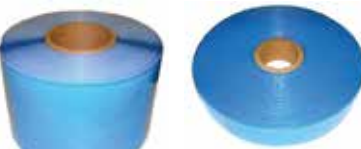
PG970/51R

## ADHESIVE SILICONE ELECTRODES

| without gel |            |       |                      | <br>PG971/40G | <br>PG971/35G | with gel   |            |       |                      |
|-------------|------------|-------|----------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|------------|------------|-------|----------------------|
| ref.        | dimensions | cable | connection           |                                                                                                  |                                                                                                  | ref.       | dimensions | cable | connection           |
| PG971/35W   | 35x45mm    | YES   | protected 2mm socket |                                                                                                  |                                                                                                  | PG971/35G  | 35x45mm    | NO    | 2mm socket           |
| PG971/40W   | 40x40mm    | YES   | protected 2mm socket |                                                                                                  |                                                                                                  | PG971/40G  | 40x40mm    | NO    | 2mm socket           |
| PG971/45W   | 40x45mm    | YES   | protected 2mm socket |                                                                                                  |                                                                                                  | PG971/50G  | 50x50mm    | NO    | 2mm socket           |
| PG971/2W    | 46x50mm    | YES   | protected 2mm socket |                                                                                                  |                                                                                                  | PG971/35GW | 35x45mm    | YES   | protected 2mm socket |
| PG971/2     | 46x50mm    | NO    | 2mm socket           |                                                                                                  |                                                                                                  | PG971/40GW | 40x40mm    | YES   | protected 2mm socket |
|             |            |       |                      |                                                                                                  |                                                                                                  | PG971/50GW | 50x50mm    | YES   | protected 2mm socket |

## GEL PADS AND ROLLS

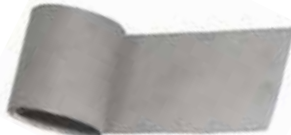
| ref.      | dimensions | picture                                                                             |                                                                                       |
|-----------|------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| PG271/35  | 35X45mm    |  |  |
| PG271/40  | 40x40mm    |                                                                                     |                                                                                       |
| PG271/50  | 50x50mm    |                                                                                     |                                                                                       |
| PG271C/45 | Ø45mm      |                                                                                     |                                                                                       |
| PG271C/65 | Ø65mm      |                                                                                     |                                                                                       |
|           |            | PG271/50                                                                            | PG271/35                                                                              |

| ref.      | dimensions                     | picture                                                                               |          |
|-----------|--------------------------------|---------------------------------------------------------------------------------------|----------|
| PG907     | width 228mm - thickness 0,35mm |  |          |
| PG9074/55 | width 55mm - thickness 0,35mm  |                                                                                       |          |
|           |                                | PG907                                                                                 | PG907/55 |

## CARBON CONDUCTIVE CLOTH COUPLED WITH SYNTHETIC BUCKSKIN

| "EASY STIM"           |                          |                                                                                    |
|-----------------------|--------------------------|------------------------------------------------------------------------------------|
| ref.                  | dimensions               | picture                                                                            |
| PG701                 | 35x45mm                  |  |
| PG702                 | 45x60mm                  |                                                                                    |
| PG703                 | 60x80mm                  |                                                                                    |
| PG704                 | 80x120mm                 |                                                                                    |
| PG704/2C              | 80x120mm - double snaps  |                                                                                    |
| PG705                 | 120x220mm                |                                                                                    |
| PG706                 | 120x160mm                |                                                                                    |
| PG706/2C              | 120x160mm - double snaps |                                                                                    |
| PG707                 | 35x90mm                  |                                                                                    |
| "EASY STIM" INSULATED |                          |                                                                                    |
| ref.                  | dimensions               | picture                                                                            |
| PG721                 | 35x45mm                  |  |
| PG722                 | 45x60mm                  |                                                                                    |
| PG723                 | 60x80mm                  |                                                                                    |
| PG724                 | 80x20mm                  |                                                                                    |
| PG725                 | 120x120mm                |                                                                                    |
| PG726                 | 120x160mm                |                                                                                    |

## REUSABLE BAND ELECTRODES

| ELASTIC BAND - VELCRO        |                                            |                                                                                                                                                                                              |                                                                                                  |
|------------------------------|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| ref.                         | width                                      | length                                                                                                                                                                                       | picture                                                                                          |
| PG954/35                     | 5cm                                        | 35cm                                                                                                                                                                                         | <br>PG954/50 |
| PG954/45                     | 5cm                                        | 45cm                                                                                                                                                                                         |                                                                                                  |
| PG954/50                     | 5cm                                        | 50cm                                                                                                                                                                                         |                                                                                                  |
| PG954/65                     | 5cm                                        | 65cm                                                                                                                                                                                         |                                                                                                  |
| PG954/80                     | 5cm                                        | 80cm                                                                                                                                                                                         |                                                                                                  |
| PG954/120                    | 5cm                                        | 120cm                                                                                                                                                                                        |                                                                                                  |
| CLOTH BAND - VELCRO          |                                            |                                                                                                                                                                                              |                                                                                                  |
| ref.                         | width                                      | length                                                                                                                                                                                       | picture                                                                                          |
| PG903/4                      | 5cm                                        | 40cm                                                                                                                                                                                         | <br>PG903/4  |
| PG903/6                      | 5cm                                        | 60cm                                                                                                                                                                                         |                                                                                                  |
| PG903/8                      | 5cm                                        | 80cm                                                                                                                                                                                         |                                                                                                  |
| PG903/10                     | 5cm                                        | 100cm                                                                                                                                                                                        |                                                                                                  |
| PG903/914                    | 5cm                                        | 140cm                                                                                                                                                                                        |                                                                                                  |
| SILICONE BAND - BY THE METER |                                            |                                                                                                                                                                                              |                                                                                                  |
| ref.                         | width                                      | picture                                                                                                                                                                                      |                                                                                                  |
| PG901                        | 50mm                                       | <br>PG901<br><br>PG902 | <br>PG901/2 |
| PG902                        | 25mm                                       |                                                                                                                                                                                              |                                                                                                  |
| PG901/2                      | 50mm<br>with continuos central 2mm socket  |                                                                                                                                                                                              |                                                                                                  |
| PG906/2                      | 100mm<br>with continuos central 2mm socket |                                                                                                                                                                                              |                                                                                                  |
| ELASTIC BAND - BY THE METER  |                                            |                                                                                                                                                                                              |                                                                                                  |
| ref.                         | width                                      | picture                                                                                                                                                                                      |                                                                                                  |
| PG904                        | 20mm                                       | <br>PG954                                                                                                |                                                                                                  |
| PG954                        | 50mm                                       |                                                                                                                                                                                              |                                                                                                  |
| CLOTH BAND - BY THE METER    |                                            |                                                                                                                                                                                              |                                                                                                  |
| ref.                         | width                                      | picture                                                                                                                                                                                      |                                                                                                  |
| PG931                        | 50mm                                       | <br>PG931                                                                                                |                                                                                                  |
| PG931/60                     | 60mm                                       |                                                                                                                                                                                              |                                                                                                  |
| PG931/80                     | 80mm                                       |                                                                                                                                                                                              |                                                                                                  |
| PG931/99                     | 140mm                                      |                                                                                                                                                                                              |                                                                                                  |

| BUCKSKIN COUPLED "TOP PACE"           |            |                                                                                    |          |            |
|---------------------------------------|------------|------------------------------------------------------------------------------------|----------|------------|
| ref.                                  | dimensions | picture                                                                            | ref.     | dimensions |
| PG933/4                               | 5x40cm     |  | PG933/14 | 5x140cm    |
| PG933/6                               | 5x60cm     |                                                                                    | PG933/30 | 5x300cm    |
| PG933/8                               | 5x80cm     |                                                                                    | PG933/50 | 5x500cm    |
| PG933/10                              | 5x100cm    |                                                                                    | PG933/70 | 5x700cm    |
| PG93312                               | 5x12cm     |                                                                                    |          |            |
| BUCKSKIN COUPLED "TOP PACE" INSULATED |            |                                                                                    |          |            |
| ref.                                  | dimensions | picture                                                                            | ref.     | dimensions |
| PG923/4                               | 5x40cm     |   | PG923/14 | 5x140cm    |
| PG923/6                               | 5x60cm     |                                                                                    | PG923/30 | 5x300cm    |
| PG923/8                               | 5x80cm     |                                                                                    | PG923/50 | 5x500cm    |
| PG923/10                              | 5x100cm    |                                                                                    | PG923/70 | 5x700cm    |
| PG923/12                              | 5x12cm     |                                                                                    |          |            |

## HOLDING BAGS

Reusable holding bags can be used with many different electrodes; they are manufactured in spontex, synthetic buckskin or hydrocompressed; a wide range of sizes allow to match every need.

| SPONTEX            |                               |                                                                                                   |                                                                                                   |                                                                                                |                                                                                                |
|--------------------|-------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| ref.               | dimensions                    | picture                                                                                           |                                                                                                   | ref.                                                                                           |                                                                                                |
| PG970S             | 60x75 (electrode 50x50mm)     | <br>PG970S     | <br>PG916S     | <br>PG912S | PG912S 110x140 (electrode 80x120mm)                                                            |
| PG980S             | 85x100 (electrode 60x85mm)    |                                                                                                   |                                                                                                   |                                                                                                | PG917S 140x180 (electrode 120x160mm)                                                           |
| PG916S             | 75x105 (electrode 50x100mm)   |                                                                                                   |                                                                                                   |                                                                                                | PG913S/99 roll, width 62cm                                                                     |
| SYNTHETIC BUCKSKIN |                               |                                                                                                   |                                                                                                   |                                                                                                |                                                                                                |
| ref.               | dimensions                    | picture                                                                                           |                                                                                                   |                                                                                                |                                                                                                |
| PG970              | 60x60 (electrode 50x50mm)     | <br>PG970      | <br>PG980      | <br>PG912 |                                                                                                |
| PG980              | 70x90 (electrode 60x85mm)     |                                                                                                   |                                                                                                   |                                                                                                |                                                                                                |
| PG916              | 60x105 (electrode 50x100mm)   |                                                                                                   |                                                                                                   |                                                                                                |                                                                                                |
| PG912              | 105x135 (electrode 80x120mm)  |                                                                                                   |                                                                                                   |                                                                                                |                                                                                                |
| PG917              | 140x160 (electrode 120x160mm) |                                                                                                   |                                                                                                   |                                                                                                |                                                                                                |
| PG913/50           | roll, width 50cm              |                                                                                                   |                                                                                                   |                                                                                                |                                                                                                |
| PG913/60           | roll, width 60cm              |                                                                                                   |                                                                                                   |                                                                                                |                                                                                                |
| PG913/80           | roll, width 80cm              |                                                                                                   |                                                                                                   |                                                                                                |                                                                                                |
| PG913S/99          | roll, width 140cm             |                                                                                                   |                                                                                                   |                                                                                                |                                                                                                |
|                    |                               |                                                                                                   |                                                                                                   |                                                                                                | <br>PG970SF |
| HYDROCOMPRESSED    |                               |                                                                                                   |                                                                                                   |                                                                                                |                                                                                                |
| ref.               | dimensions                    | picture                                                                                           |                                                                                                   | ref.                                                                                           | dimensions                                                                                     |
| PG926/S1           | 46x71mm                       | <br>PG926/60/4 | <br>PG926/46/4 | PG926/56                                                                                       | Ø56mm                                                                                          |
| PG926/S2           | 58x88mm                       |                                                                                                   |                                                                                                   | PG926/95                                                                                       | Ø95mm                                                                                          |
| PG926/S3           | 90x140mm                      |                                                                                                   |                                                                                                   | PG926/46/4                                                                                     | Ø46mm - 4 holes                                                                                |
| PG926/S4           | 140x190mm                     |                                                                                                   |                                                                                                   | PG926/55/4                                                                                     | Ø55mm - 4 holes                                                                                |
| PG926/99           | 370x710mm                     |                                                                                                   |                                                                                                   | PG926/60/4                                                                                     | Ø60mm - 4 holes                                                                                |
| PG926/40           | Ø40mm                         |                                                                                                   |                                                                                                   | PG926/95/4                                                                                     | Ø95mm - 4 holes                                                                                |

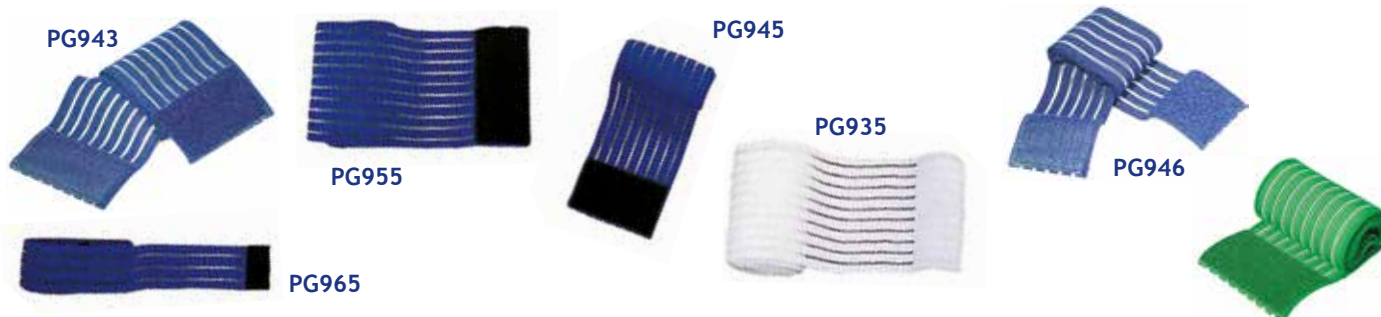
# FASTENING BELTS

A very huge range of fastening belts includes elastic models with velcro and rubber models, with so many different widths and lengths.

## ELASTIC BELTS

| WIDTH  | SERIES | LENGTH    |          |          |           |           |            |           | BY THE METER | VELCRO (*) | COLOUR (**) |
|--------|--------|-----------|----------|----------|-----------|-----------|------------|-----------|--------------|------------|-------------|
|        |        | 20 cm     | 30 cm    | 40 cm    | 60 cm     | 80 cm     | 100 cm     | 150 cm    |              |            |             |
| 30 mm  | PG965  | \         | PG965/3  | PG965/4  | PG965/6   | PG965/8   | PG965/10   | PG965/15  | \            | M/F        | B           |
|        |        | \         | PG965/3M | PG965/4M | PG965/6M  | PG965/8M  | PG965/10M  | PG965/15M | \            | M/M        |             |
|        |        | \         | \        | \        | \         | \         | PG937/10   | \         | PG965/99     | \          |             |
|        |        | \         | \        | \        | \         | \         | PG937/10   | \         |              | M/F        | W           |
| 50 mm  | PG946  | \         | \        | PG946/4  | PG946/6   | PG946/8   | PG946/10   | PG946/15  | \            | M/F        | D           |
|        |        | PG946/2M2 | \        | \        | PG946/6M2 | PG946/8M2 | PG946/10M2 | \         | \            | M/M        |             |
|        |        | \         | \        | \        | \         | \         | \          | \         | PG946/99     | \          |             |
| 80 mm  | PG943  | \         | \        | PG943/4  | PG943/6   | PG943/8   | PG943/10   | PG943/15  | \            | M/F        | D           |
|        |        | \         | \        | PG943/4M | PG943/6M  | PG943/8M  | PG943/10M  | PG943/15M | \            | M/M        |             |
|        | PG945  | \         | PG945/3  | PG945/4  | PG945/6   | PG945/8   | PG945/10   | PG945/15  | \            | M/F        | B           |
|        |        | \         | PG945/3M | PG945/4M | PG945/6M  | PG945/8M  | PG945/10M  | PG945/15M | \            | M/M        |             |
|        |        | \         | \        | \        | \         | \         | \          | \         | PG945/99     | \          |             |
|        | PG948  | \         | \        | PG948/4M | PG948/6M  | PG948/8M  | PG948/10M  | PG948/15M | \            | M/M        | R           |
|        | PG977  | \         | PG977/3  | PG977/4  | PG977/6   | PG977/8   | PG977/10   | PG977/15  | \            | M/F        | G           |
|        |        | \         | PG977/3M | PG977/4M | PG977/6M  | PG977/8M  | PG977/10M  | PG977/15M | \            | M/M        |             |
|        |        | \         | \        | \        | \         | \         | \          | \         | PG977/99     | \          |             |
|        | PG978  | \         | \        | PG978/4M | PG978/6M  | PG978/8M  | PG978/10M  | \         | \            | M/M        | Y           |
| 100 mm | PG935  | \         | PG935/3  | PG935/4  | PG935/6   | PG935/8   | PG935/10   | PG935/15  | \            | M/F        | W           |
|        |        | \         | PG935/3M | PG935/4M | PG935/6M  | PG935/8M  | PG935/10M  | PG935/15M | \            | M/M        |             |
|        |        | \         | \        | \        | \         | \         | \          | \         | PG935/99     | \          |             |
|        | PG955  | \         | PG955/3  | PG955/4  | PG955/6   | PG955/8   | PG955/10   | PG955/15  | \            | M/F        | B           |
|        |        | \         | PG955/3M | PG955/4M | PG955/6M  | PG955/8M  | PG955/10M  | PG955/15M | \            | M/M        |             |
|        |        | \         | \        | \        | \         | \         | \          | \         | PG955/99     | \          |             |

(\*) M/F = male/female; M/M = male/male (\*\*) colours key: B=blue; D=dark blue; G=green; W=white; R=grey; Y=yellow/blue



## RUBBER BELTS

| WIDTH  | SERIES | LENGTH   |         |         |         | BY THE METER |
|--------|--------|----------|---------|---------|---------|--------------|
|        |        | 150 cm   | 75 cm   | 50 cm   | 35 cm   | 30 m         |
| 24 mm  | 1      | PG905/15 | PG905/8 | PG905/5 | PG905/3 | PG905/55     |
| 32 mm  | 1      | PG910/15 | PG910/8 | PG910/5 | PG910/3 | PG910/55     |
| 45 mm  | 2      | PG909/15 | PG909/8 | PG909/5 | PG909/3 | PG909/55     |
| 75 mm  | 3      | PG911/15 | PG911/8 | PG911/5 | PG911/3 | PG911/55     |
| 100 mm | 6      | PG913/15 | \       | \       | \       | PG913/55     |



## ADAPTERS



A wide range of adapters allows to modify the configuration of cables and electrodes, connecting them with snap, alligator or plug.

| FOR CABLES              |                                                    |                                                                                    |  |          |                                           |
|-------------------------|----------------------------------------------------|------------------------------------------------------------------------------------|--|----------|-------------------------------------------|
| ref.                    | description                                        | picture                                                                            |  | ref.     | description                               |
| F9019                   | from 4mm socket to alligator                       |  |  | PG922/4M | from snap to 4mm plug                     |
| F9019/2                 | from 2mm socket to alligator                       |                                                                                    |  | PG922/MC | with cable, from male snap to alligator   |
| PG922/2T                | from 2mm socket to snap                            |                                                                                    |  | PG922/2C | PG922/2C                                  |
| PG922/4T                | from 4mm socket to snap                            |                                                                                    |  | PG922/24 | from 2mm socket to 4mm plug               |
| PG922/2M                | from snap to 2mm plug                              |                                                                                    |  | PG922/42 | from 4mm socket to 2mm plug               |
| FOR REUSABLE ELECTRODES |                                                    |                                                                                    |  |          |                                           |
| ref.                    | description                                        | picture                                                                            |  | ref.     | description                               |
| PG997                   | from 2mm cilindric smooth plug to 2mm elastic plug |   |  | PG998/4M | from 4mm elastic plug to 4mm elastic plug |
| PG998                   | from 4mm cilindric smooth plug to 4mm elastic plug |                                                                                    |  |          |                                           |

Every model is available in red (R) or black (N), except for model PG922/4T which is available also in green (V), yellow (G) and white (B)

## OUTPUT DOUBLING CABLES



Output doubling cables are available in 7 different configurations and each of them can be supplied with black or red connectors.

| ref.  | description                           | picture | ref.  | description                            |
|-------|---------------------------------------|---------|-------|----------------------------------------|
| PG365 | from male snap to double female snaps |         | PG373 | from 4mm socket to double female snaps |
| PG370 | from 2mm socket to double 2mm plug    |         | PG374 | from 4mm socket to double 4mm plug     |
| PG371 | from 2mm plug to double 2mm socket    |         | PG375 | from 4mm plug to double 4mm socket     |
| PG372 | from 2mm plug to double female snaps  |         |       |                                        |

Every model is available in red (R) or black (N)

## PROBES

Electrotherapy probes are intended for stimulation, massage and face lifting; they are available with internal or separate reference and can be customized according every need.

| PROBES   |                                                                    |         |  |           |                                                                         |
|----------|--------------------------------------------------------------------|---------|--|-----------|-------------------------------------------------------------------------|
| ref.     | description                                                        | picture |  | ref.      | description                                                             |
| PG3320   | internal reference, RCA, 4 nichel-Brass electrodes included        |         |  | PG342S    | internal reference, 3,5mm jack mono, fixed double 6mm sphere electrodes |
| PG3330   | separate reference, RCA, 4 nichel-brass electrodes included        |         |  | PG342RCA  | internal reference, RCA, fixed 9mm electrode                            |
| PG3335   | plastic probe, without connector                                   |         |  | PG342SRCA | internal reference, RCA, fixed double 6mm sphere electrode              |
| PG335/F2 | plastic probe, 2mm socket, stainless steel ball electrode included |         |  | PG336/32  | bipolar probe for RF - Ø32mm                                            |
| PG335/M4 | plastic probe, 4mm plug, 4 nichel-brass electrodes included        |         |  | PG336/50  | bipolar probe for RF - Ø50mm                                            |
| PG335/26 | plastic probe, DC connector, (2,6mm electrode connection)          |         |  | PG330M4P4 | pencil with 4 electrodes                                                |
| PG340    | internal reference, double 2mm plug, fixed double sphere electrode |         |  | PG340/30  | with internal reference, fixed double sphere electrode Ø30mm            |
| PG342    | internal reference, 3,5mm jack mono, fixed 9mm electrode           |         |  |           |                                                                         |

## ELECTRODES

| ref.  | description                | picture | ref.     | description                   |
|-------|----------------------------|---------|----------|-------------------------------|
| PG321 | nichel-brass - mushroom    |         | PG321/AC | stainless-steel - mushroom    |
| PG322 | nichel-brass - needle      |         | PG322/AC | stainless-steel - needle      |
| PG323 | nichel-brass - long needle |         | PG323/AC | stainless-steel - long needle |
| PG324 | nichel-brass - ball        |         | PG324/AC | stainless-steel - ball        |
| PG325 | nichel-brass - roller      |         | PG325/AC | stainless-steel - roller      |

## SPONGES

| ref.    | description                        | picture | ref.    | description                       |
|---------|------------------------------------|---------|---------|-----------------------------------|
| PG321/S | for electrodes PG321- and PG321/AC |         | PG324/S | for electrodes PG324 and PG324/AC |

# SPECIAL PRODUCTS



Among special products, several items intended for iontophoresis and electrostimulation have been included: conductive masks, slippers, gloves, socks, grounding bracelets, clamps and pads.

## CONDUCTIVE ACCESSORIES

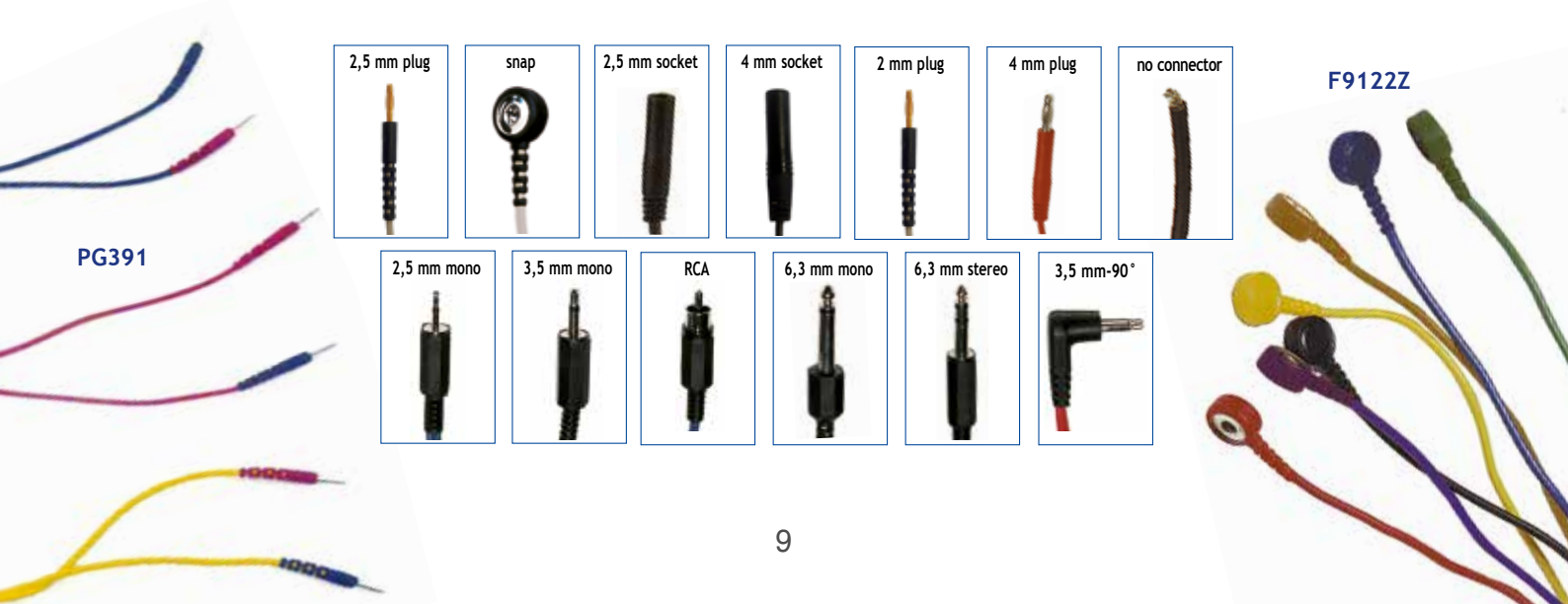
| ref.         | description                                                                              | picture                                                                                                            |
|--------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| PG1010       | ionophoresis mask, synthetic buckskin, with pouches for 50x50mm electrodes               |  <p>PG1011</p> <p>PG1050/UNI</p> |
| PG1011       | electrostimulation mask, synthetic buckskin and conductive cloth, double snap connection |                                                                                                                    |
| PG1020       | bipolar slippers (double snap connection)                                                |                                                                                                                    |
| PG1030       | unipolar slippers (single snap connection)                                               |                                                                                                                    |
| PG1021       | synthetic buckskin insoles for bipolar slippers                                          |                                                                                                                    |
| PG1031       | synthetic buckskin insoles for unipolar slippers                                         |                                                                                                                    |
| PG1040/M     | pair of conductive gloves , single snap, medium size                                     |                                                                                                                    |
| PG1040/L     | pair of conductive gloves. Single snap, large size                                       |                                                                                                                    |
| PG1040C2/UNI | pair of conductive gloves, double snaps, one size                                        |                                                                                                                    |
| PG1050/UNI   | electrostimulation socks                                                                 |                                                                                                                    |

## GROUNDING ELECTRODES

| ref.     | description                                                                              | picture  |          |
|----------|------------------------------------------------------------------------------------------|----------|----------|
| PG940/28 | anti-static bracelet, snap, length 28cm                                                  | PG940/28 | PG942/28 |
| PG941/28 | anti-static bracelet, carbon cloth coupled with synthetic buckskin, snap, length 28 cm   | PG941/28 |          |
| PG942/28 | elastic bracelet, snap, length 28cm                                                      |          |          |
| F9024SSC | reusable grounding clamp electrode silver silver/chloride sensor, for adult              |          | F9024SSC |
| F7805P   | disposable grounding pads, for adult, solid gel, FOAM support, 202x101mm, tab connection |          | F7805P   |

## CONNECTING CABLES

The range of connecting cables is very wide and includes both unipolar and bipolar models. Connecting cables are available with different connectors (snap, socket, plug ...), in multiple lengths and in different colours. The Sales office is available to identify the cable model that meets the customer's needs.



## GEL AND CREAMS

GEL range includes models specifically intended for ultrasound, IPL, radiofrequency and EEG/EMG; dispensers are available separately as spare parts.

### ULTRASOUND

| ref.         | description                                             | picture                                                                            |
|--------------|---------------------------------------------------------|------------------------------------------------------------------------------------|
| <b>G006</b>  | liquid gel, 260ml bottle                                |  |
| <b>G007</b>  | liquid gel, 1000ml bottle                               |                                                                                    |
| <b>G0064</b> | liquid gel, 5000ml flexible bag, 260ml refilling bottle |                                                                                    |
| <b>G0066</b> | liquid gel, 5000ml jerry can, 260ml refilling bottle    |                                                                                    |

### ULTRASOUND AND IPL

| ref.         | description                                                         | picture                                                                             |
|--------------|---------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>G002</b>  | transparent liquid gel, 20ml pouch                                  |  |
| <b>G008</b>  | transparent liquid gel, 260ml bottle                                |                                                                                     |
| <b>G009</b>  | transparent liquid gel, 1000ml bottle                               |                                                                                     |
| <b>G010</b>  | transparent liquid gel, high density, 1000ml jar                    |                                                                                     |
| <b>G080</b>  | transparent liquid gel, high density, 500 ml bottle                 |                                                                                     |
| <b>G0084</b> | transparent liquid gel, 5000ml flexible bag, 260ml refilling bottle |                                                                                     |

### RADIOFREQUENCY

| ref.        | description                   | picture                                                                              |
|-------------|-------------------------------|--------------------------------------------------------------------------------------|
| <b>G016</b> | RF cream, 1000ml bottle       |  |
| <b>G017</b> | RF cream, 5000ml flexible bag |                                                                                      |

### EEG/EMG

| ref.        | description                                           | picture                                                                              |
|-------------|-------------------------------------------------------|--------------------------------------------------------------------------------------|
| <b>G011</b> | EEG gel, 260ml bottle                                 |  |
| <b>G012</b> | Abrasive paste for EEG, EP, EMG, 260ml bottle         |                                                                                      |
| <b>G014</b> | Adhesive and conductive paste for EEG, EMG, 500ml jar |                                                                                      |

### DISPENSERS

| ref.         | description                                | picture                                                                              |
|--------------|--------------------------------------------|--------------------------------------------------------------------------------------|
| <b>G0067</b> | reusable dispenser for 5000ml jerry can    |  |
| <b>G0068</b> | reusable dispenser for 5000ml flexible bag |                                                                                      |
| <b>G0069</b> | reusable dispenser for 1000ml bottle       |                                                                                      |





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# PENCILS

The range of ESU pencils is very wide, including disposable and reusable models, with button, rocker or foot switch. Pencils can be supplied with several electrodes included, as single piece as well as a kit configuration. Some useful accessories (holster, tip cleaner and adapters) complete the range.

## SINGLE USE PENCILS

| BUTTON SWITCH PENCILS       |                                                       |         |           |                   |                                                                                      |
|-----------------------------|-------------------------------------------------------|---------|-----------|-------------------|--------------------------------------------------------------------------------------|
| ref.                        | cable length                                          | Ø shaft | connector | electrode         | picture                                                                              |
| F4797                       | 320 cm                                                | 2,38mm  | Valleylab | blade F4046       |   |
| F4797/5                     | 500 cm                                                | 2,38mm  | Valleylab | blade F4046       |                                                                                      |
| F4797/WB                    | 320 cm                                                | 2,38mm  | Valleylab | none              |                                                                                      |
| F4797/5WB                   | 500 cm                                                | 2,38mm  | Valleylab | none              |                                                                                      |
| F4797/A                     | 320 cm                                                | 2,38mm  | Valleylab | needle F4048      |                                                                                      |
| F4797/5A                    | 500 cm                                                | 2,38mm  | Valleylab | needle F4048      |                                                                                      |
| F4797/P                     | 320 cm                                                | 2,38mm  | Valleylab | sphere F4044      |                                                                                      |
| F4797/L                     | 320 cm                                                | 2,38mm  | Valleylab | Blade F4050       |                                                                                      |
| F4797/5L                    | 500 cm                                                | 2,38mm  | Valleylab | Blade F4050       |                                                                                      |
| F4797/AL                    | 320 cm                                                | 2,38mm  | Valleylab | needle F4052      |                                                                                      |
| F4797/PL                    | 320 cm                                                | 2,38mm  | Valleylab | sphere F4067      |                                                                                      |
| F4797 T                     | 320 cm                                                | 2,38mm  | Valleylab | blade F4046T      |                                                                                      |
| F4797TEF                    | 320 cm                                                | 2,38mm  | Valleylab | blade F4046/TEF   |                                                                                      |
| F4797/5TEF                  | 500 cm                                                | 2,38mm  | Valleylab | blade F4046/TEF   |                                                                                      |
| F4797/ERB                   | 320 cm                                                | 2,38mm  | Erbe 5 mm | blade F4046       |                                                                                      |
| F4797/5ERB                  | 500 cm                                                | 2,38mm  | Erbe 5 mm | blade F4046       |                                                                                      |
| F4798                       | 320 cm                                                | 2,38mm  | Valleylab | blade F4046       |  |
| F4798/5                     | 500 cm                                                | 2,38mm  | Valleylab | blade F4046       |                                                                                      |
| F4795/SE                    | 300 cm                                                | 2,38mm  | Valleylab | blade F4046 F4050 |                                                                                      |
| BUTTON SWITCH PENCILS - KIT |                                                       |         |           |                   |                                                                                      |
| ref.                        | description                                           |         |           |                   | picture                                                                              |
| F4798/H                     | pencil F4797 + holster F4545                          |         |           |                   |  |
| F4798/5H                    | pencils F4797/5 + holster F4545                       |         |           |                   |                                                                                      |
| F4798/HTEF                  | pencil F4797TEF + holster F4545                       |         |           |                   |                                                                                      |
| F4798/5HTEF                 | pencil F4797/5TEF + holster F4545                     |         |           |                   |                                                                                      |
| F4797/75                    | pencil F4797 + tip cleaner F7520                      |         |           |                   |                                                                                      |
| F4797/5-75                  | pencil F4797/5 + tip cleaner F7520                    |         |           |                   |                                                                                      |
| F4798/75H                   | pencil F4797 + holster F4545 + tip cleaner F7520      |         |           |                   |                                                                                      |
| F4798/5-75H                 | pencil F4797/5 + tip cleaner F7520 + holster F4545    |         |           |                   |                                                                                      |
| F4797T/75H                  | pencil F4797/T + holster F4545 + tip cleaner F7520    |         |           |                   |                                                                                      |
| F4798/5ERB-75H              | pencil F4797/5ERB + tip cleaner F7520 + holster F4545 |         |           |                   |                                                                                      |
| ROCKER SWITCH PENCILS       |                                                       |         |           |                   |                                                                                      |
| ref.                        | cable length                                          | Ø shaft | connector | electrode         | picture                                                                              |
| F4795                       | 320 cm                                                | 2,38 mm | Valleylab | blade F4046       |  |
| F4795/5                     | 500 cm                                                | 2,38 mm | Valleylab | blade F4046       |                                                                                      |
| F4795TEF                    | 320 cm                                                | 2,38 mm | Valleylab | blade F4046/TEF   |                                                                                      |

### FOOT SWITCH PENCILS

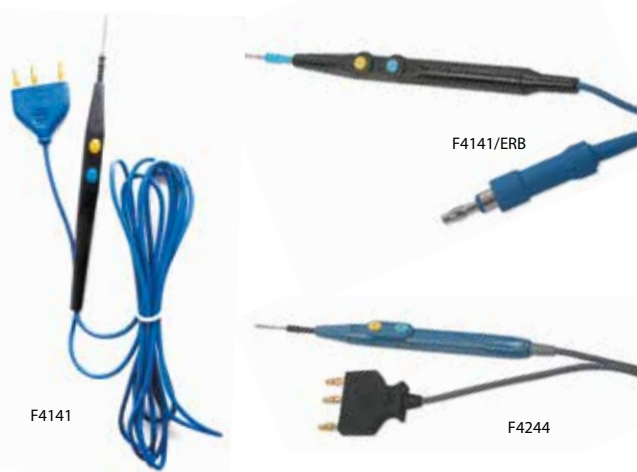
| ref.             | cable length | Ø shaft | connector | electrode    | picture                                                                            |
|------------------|--------------|---------|-----------|--------------|------------------------------------------------------------------------------------|
| <b>F4390</b>     | 320 cm       | 2,38 mm | 3,2 mm    | blade F4046  |  |
| <b>F4390/5</b>   | 500 cm       | 2,38 mm | 3,2 mm    | blade F4046  |                                                                                    |
| <b>F4390/WB</b>  | 320 cm       | 2,38 mm | 3,2 mm    | none         |                                                                                    |
| <b>F4390/5WB</b> | 500 cm       | 2,38 mm | 3,2 mm    | none         |                                                                                    |
| <b>F4390/A</b>   | 320 cm       | 2,38 mm | 3,2 mm    | needle F4048 |                                                                                    |
| <b>F4390/P</b>   | 320 cm       | 2,38 mm | 3,2 mm    | sphere F4044 |                                                                                    |
| <b>F4390/L</b>   | 320 cm       | 2,38 mm | 3,2 mm    | blade F4050  |                                                                                    |
| <b>F4390/AL</b>  | 320 cm       | 2,38 mm | 3,2 mm    | needle F4052 |                                                                                    |
| <b>F4390/PL</b>  | 320 cm       | 2,38 mm | 3,2 mm    | sphere F4067 |                                                                                    |
| <b>F4390/4M</b>  | 320 cm       | 2,38 mm | 4mm plug  | blade F4046  |                                                                                    |

### FOOT SWITCH PENCILS - KIT

| ref.               | description                                        | picture                                                                             |
|--------------------|----------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>F4390/H</b>     | pencil F4390 + holster F4545                       |  |
| <b>F4390/5H</b>    | pencils F4390/5 + holster F4545                    |                                                                                     |
| <b>F4390/75</b>    | pencil F4390 + tip cleaner F7520                   |                                                                                     |
| <b>F4390/5-75</b>  | pencil F4390/5 + tip cleaner F7520                 |                                                                                     |
| <b>F4390/75H</b>   | pencil F4390 + tip cleaner F7520 + holster F4545   |                                                                                     |
| <b>F4390/5-75H</b> | pencil F4390/5 + tip cleaner F7520 + holster F4545 |                                                                                     |

## REUSABLE PENCILS

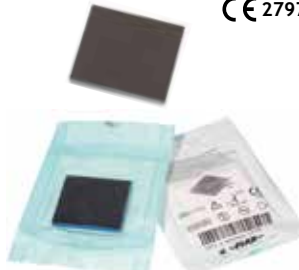
### BUTTON SWITCH PENCILS

| ref.             | cable length | Ø shaft | connector | n°sterilization | electrode     | picture                                                                              |
|------------------|--------------|---------|-----------|-----------------|---------------|--------------------------------------------------------------------------------------|
| <b>F4141</b>     | 320 cm       | 2,38 mm | Valleylab | 30              | blade F4060   |  |
| <b>F4141/ERB</b> | 320 cm       | 2,38 mm | Erbe 5 mm | 30              | blade F4060   |                                                                                      |
| <b>F4151</b>     | 500 cm       | 2,38 mm | Valleylab | 30              | blade F4060   |                                                                                      |
| <b>F4243</b>     | 320 cm       | 2,38 mm | Valleylab | 100             | blade F4060   |                                                                                      |
| <b>F4244</b>     | 300 cm       | 2,38 mm | Valleylab | 100             | blade F4060   |                                                                                      |
| <b>F4254</b>     | 500 cm       | 2,38 mm | Valleylab | 100             | blade F4060   |                                                                                      |
| <b>F4242</b>     | 300 cm       | 2,38 mm | Valleylab | 100             | blade F4060   |                                                                                      |
| <b>F4252</b>     | 500 cm       | 2,38 mm | Valleylab | 100             | blade F4060   |                                                                                      |
| <b>F4246</b>     | 300 cm       | 4 mm    | Valleylab | 100             | blade F4060/4 |                                                                                      |
| <b>F4256</b>     | 500 cm       | 4 mm    | Valleylab | 100             | blade F4060/4 |                                                                                      |

### FOOT SWITCH PENCILS

| ref.         | cable length | Ø shaft | connector | n°sterilization | electrode   | picture                                                                              |
|--------------|--------------|---------|-----------|-----------------|-------------|--------------------------------------------------------------------------------------|
| <b>F4812</b> | 300 cm       | 2,38 mm | 4mm plug  | 100             | blade F4060 |  |
| <b>F4814</b> | 300 cm       | 2,38 mm | 4mm plug  | 100             | blade F4060 |                                                                                      |

## ACCESSORIES

| HOLSTER                                        |                                                                                   |  |  | TIP CLEANER                                                                                |                                                                                     |
|------------------------------------------------|-----------------------------------------------------------------------------------|--|--|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| ref.                                           | picture                                                                           |  |  | ref.                                                                                       | picture                                                                             |
| <b>F4545</b><br>sterile holster<br>for pencils |  |  |  | <b>F7520</b><br>sterile tip cleaner<br>50 x 50 mm<br>radiopaque marker<br>adhesive backing |  |

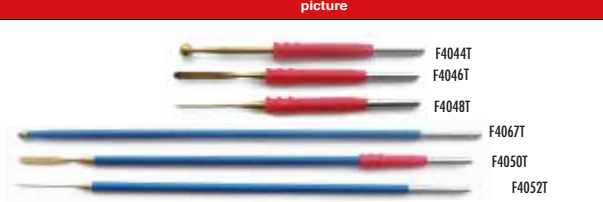
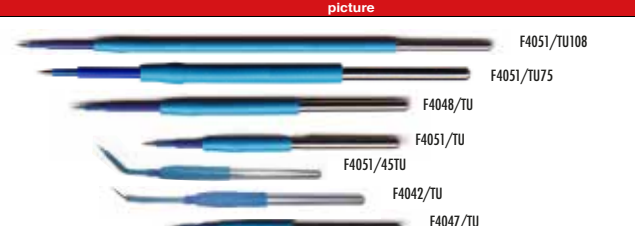
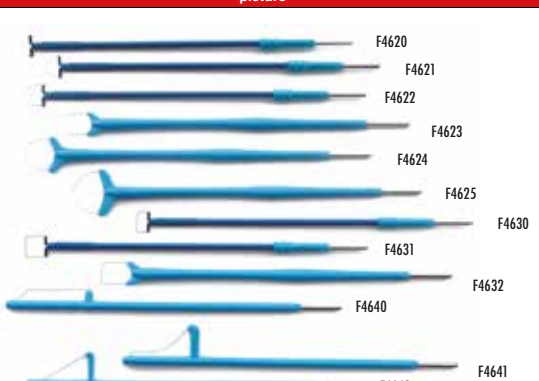
| REUSABLE ADAPTERS FOR HAND SWITCH PENCILS |                  |                    |                   |                                                                                    |
|-------------------------------------------|------------------|--------------------|-------------------|------------------------------------------------------------------------------------|
| ref.                                      | pencil connector | ESU connector      | compatibility     | picture                                                                            |
| <b>F4831</b>                              | Valleylab        | protected 4mm plug | Berchtold, Martin |  |
| <b>F4832</b>                              | Valleylab        | 5mm plug           | Erbe ACC/ICC      |                                                                                    |
| <b>F4833</b>                              | Valleylab        | 4mm plug           | Erbe T series     |                                                                                    |

| REUSABLE ADAPTERS FOR FOOT SWITCH PENCILS |                  |               |                                                                                           |                                                                                       |
|-------------------------------------------|------------------|---------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| ref.                                      | pencil connector | ESU connector | compatibility                                                                             | picture                                                                               |
| <b>F4830</b>                              | 4mm plug         | 8mm plug      | Bovie, Soxil, Bard, Valleylab, Burdick                                                    |  |
| <b>F4834</b>                              | 4mm plug         | 6mm plug      | Alsatom                                                                                   |                                                                                       |
| <b>F4835</b>                              | 3,2mm plug       | 8mm plug      | Bovie, Soxil, Bard, Danielli <sup>†</sup><br>Ag e Cvs, Neomed,<br>Valleylab, Burdick, Ems |  |
| <b>F4836</b>                              | 3,2mm plug       | 4mm plug      | Martin, Siemens, Erbe,<br>Alsa, Laser                                                     |                                                                                       |
| <b>F4837</b>                              | 3,2mm plug       | 4mm plug      | Martin, Blendtorne, Emc,<br>Acmicron, Erbe, Cobi                                          |  |
| <b>F4838</b>                              | 3,2mm plug       | 8mm plug      | Alsatom, EB<br>SS4/MMSB                                                                   |                                                                                       |

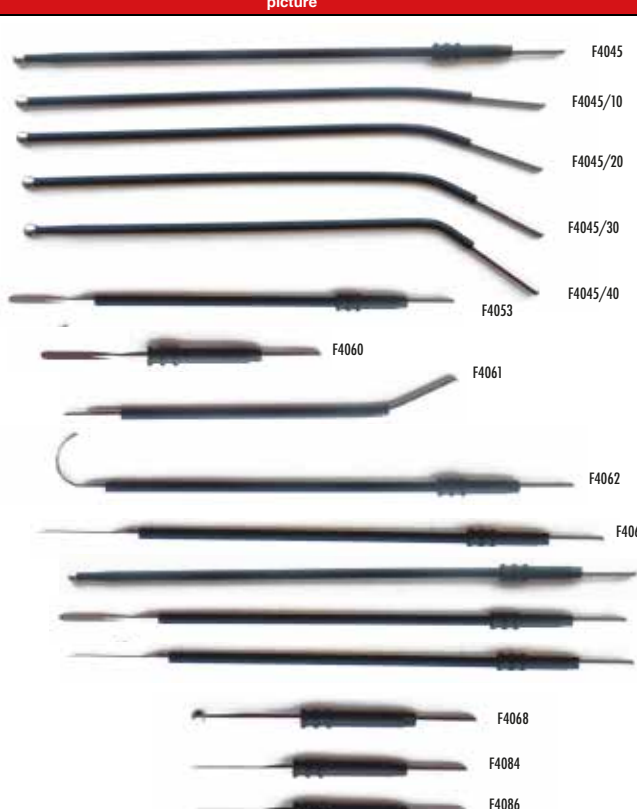
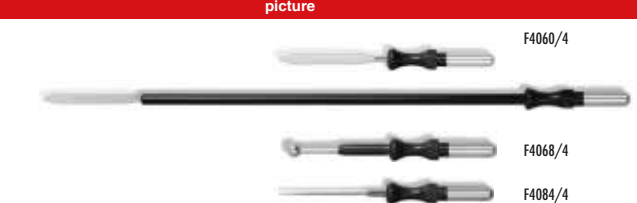
# ELECTRODES

## DISPOSABLE ELECTRODES

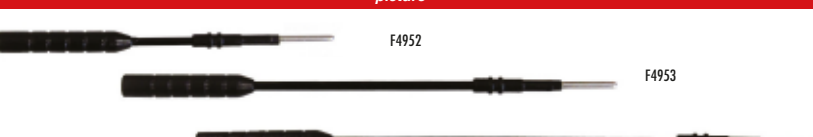
A very wide range of disposable and reusable electrodes allows to match every customer need. Stainless steel disposable electrodes can be supplied also with teflon or titanium coating; tungsten disposable electrodes are available in some needle configurations and in many loop sizes too.

| STAINLESS STEEL Ø 2,38 mm SHAFT                       |                      |                   |                                                                                      |
|-------------------------------------------------------|----------------------|-------------------|--------------------------------------------------------------------------------------|
| ref.                                                  | length               | shape             | picture                                                                              |
| F4044                                                 | 70mm                 | SPHERE Ø 4mm      |    |
| F4046                                                 | 70mm                 | BLADE             |                                                                                      |
| F4046/S                                               | 50mm (44mm sleeve)   | BLADE             |                                                                                      |
| F4048                                                 | 70mm                 | NEEDLE            |                                                                                      |
| F4048/S                                               | 69mm (63mm sleeve)   | NEEDLE            |                                                                                      |
| F4049                                                 | 54mm                 | SPHERE Ø 2mm      |                                                                                      |
| F4050                                                 | 153mm                | BLADE             |                                                                                      |
| F4050/S                                               | 153mm (147mm sleeve) | BLADE             |                                                                                      |
| F4052                                                 | 152mm                | NEEDLE            |                                                                                      |
| F4052/S                                               | 152mm (146mm sleeve) | NEEDLE            |                                                                                      |
| F4053                                                 | 100mm                | BLADE             |                                                                                      |
| F4067                                                 | 156mm                | SPHERE Ø 4mm      |                                                                                      |
| F4067/5                                               | 157mm                | LONG SPHERE Ø 5mm |                                                                                      |
| STAINLESS STEEL WITH TEFLON COATING Ø 2,38 mm SHAFT   |                      |                   |                                                                                      |
| ref.                                                  | length               | shape             | picture                                                                              |
| F4044/TEF                                             | 70mm                 | SPHERE Ø 4mm      |   |
| F4046/TEF                                             | 70mm                 | BLADE             |                                                                                      |
| F4046S/TEF                                            | 70mm (65mm sleeve)   | BLADE             |                                                                                      |
| F4048/TEF                                             | 70mm                 | NEEDLE            |                                                                                      |
| F4048S/TEF                                            | 70mm (65mm sleeve)   | NEEDLE            |                                                                                      |
| F4050/TEF                                             | 150mm                | BLADE             |                                                                                      |
| F4050S/TEF                                            | 150mm (145mm sleeve) | BLADE             |                                                                                      |
| F4052/TEF                                             | 150mm                | NEEDLE            |                                                                                      |
| F4053/TEF                                             | 100mm                | BLADE             |                                                                                      |
| F4053S/TEF                                            | 100mm (95mm sleeve)  | BLADE             |                                                                                      |
| F4067/TEF                                             | 150mm                | SPHERE Ø 4mm      |                                                                                      |
| STAINLESS STEEL WITH TITANIUM COATING Ø 2,38 mm SHAFT |                      |                   |                                                                                      |
| ref.                                                  | length               | shape             | picture                                                                              |
| F4044T                                                | 70mm                 | SPHERE Ø 4mm      |  |
| F4046T                                                | 70mm                 | BLADE             |                                                                                      |
| F4048T                                                | 70mm                 | NEEDLE            |                                                                                      |
| F4050T                                                | 153mm                | BLADE             |                                                                                      |
| F4052T                                                | 152mm                | NEEDLE            |                                                                                      |
| F4067T                                                | 156mm                | SPHERE Ø 4mm      |                                                                                      |
| TUNGSTEN Ø 2,38 mm SHAFT                              |                      |                   |                                                                                      |
| ref.                                                  | length               | shape             | picture                                                                              |
| F4051/TU/108                                          | 108mm (104mm sleeve) | NEEDLE            |  |
| F4051/TU75                                            | 75mm (71mm sleeve)   | NEEDLE            |                                                                                      |
| F4048/TU                                              | 65mm (61mm sleeve)   | NEEDLE            |                                                                                      |
| F4051/TU                                              | 55mm (51mm sleeve)   | NEEDLE            |                                                                                      |
| F4051/45TU                                            | 55mm (51mm sleeve)   | NEEDLE            |                                                                                      |
| F4042/TU                                              | 55mm (51mm sleeve)   | NEEDLE            |                                                                                      |
| F4047/TU                                              | 45mm (41mm sleeve)   | NEEDLE            |                                                                                      |
| LOOP TUNGSTEN Ø 2,38 mm SHAFT                         |                      |                   |                                                                                      |
| ref.                                                  | length               | shape             | picture                                                                              |
| F4620                                                 | 10x3mm               | ROUND             |  |
| F4621                                                 | 10x5mm               | ROUND             |                                                                                      |
| F4622                                                 | 10x7mm               | ROUND             |                                                                                      |
| F4623                                                 | 10x10mm              | ROUND             |                                                                                      |
| F4624                                                 | 15x10mm              | ROUND             |                                                                                      |
| F4625                                                 | 20x10mm              | ROUND             |                                                                                      |
| F4630                                                 | 10x4mm               | SQUARE            |                                                                                      |
| F4631                                                 | 10x8mm               | SQUARE            |                                                                                      |
| F4632                                                 | 10x10mm              | SQUARE            |                                                                                      |
| F4640                                                 | 30x5mm               | TRAPEZOIDAL       |                                                                                      |
| F4641                                                 | 23x13mm              | REVERSED CURVED   |                                                                                      |
| F4642                                                 | 17x12mm              | TRIANGULAR        |                                                                                      |

## REUSABLE ELECTRODES

| STAINLESS STEEL Ø 2,38 mm SHAFT |                    |                         |                                                                                      |
|---------------------------------|--------------------|-------------------------|--------------------------------------------------------------------------------------|
| ref.                            | length             | shape                   | picture                                                                              |
| F4045                           | 156mm              | SPHERE Ø 4mm            |   |
| F4045/10                        | 156mm              | SPHERE Ø 4mm, 10°angled |                                                                                      |
| F4045/20                        | 156mm              | SPHERE Ø 4mm, 20°angled |                                                                                      |
| F4045/30                        | 156mm              | SPHERE Ø 4mm, 30°angled |                                                                                      |
| F4045/40                        | 156mm              | SPHERE Ø 4mm, 40°angled |                                                                                      |
| F4053R                          | 100mm              | BLADE                   |                                                                                      |
| F4060                           | 69mm               | BLADE                   |                                                                                      |
| F4061                           | 100mm              | ROUND NEEDLE, 20°angled |                                                                                      |
| F4062                           | 150mm              | CURVED BLADE            |                                                                                      |
| F4063                           | 152mm              | NEEDLE Ø 0,78mm         |                                                                                      |
| F4064                           | 150mm              | SPHERE Ø 2.5mm          |                                                                                      |
| F4065                           | 153mm              | BLADE                   |                                                                                      |
| F4066                           | 152mm              | NEEDLE Ø 1.30mm         |                                                                                      |
| F4068                           | 70mm               | SPHERE Ø 4mm            |                                                                                      |
| F4084                           | 69mm               | NEEDLE Ø 0,75mm         |                                                                                      |
| F4086                           | 69mm               | NEEDLE Ø 1.30mm         |                                                                                      |
| STAINLESS STEEL Ø 4 mm SHAFT    |                    |                         |                                                                                      |
| ref.                            | length             | shape                   | picture                                                                              |
| F4064/4                         | 55mm (51mm sleeve) | BLADE                   |  |
| F4065/4                         | 160mm              | BLADE                   |                                                                                      |
| F4068/4                         | 50mm               | SPHERE Ø 4mm            |                                                                                      |
| F4084/4                         | 55mm               | NEEDLE Ø 0,8mm          |                                                                                      |

## EXTENSIONS

| DISPOSABLE |        |                                                                                      |
|------------|--------|--------------------------------------------------------------------------------------|
| ref.       | length | picture                                                                              |
| F4902      | 102mm  |  |
| F4903      | 150mm  |                                                                                      |
| F4904      | 182mm  |                                                                                      |
| REUSABLE   |        |                                                                                      |
| ref.       | length | picture                                                                              |
| F4952      | 102mm  |  |
| F4953      | 150mm  |                                                                                      |
| F4954      | 182mm  |                                                                                      |

# GROUNDING PADS

Grounding pads are available adult, paediatric and neonatal. Disposable models have tab or cable connection. Reusable grounding pads, connection cables and adapters complete the range.

## DISPOSABLE GROUNDING PADS

| ADULT             |            |        |                    |     |       |                          |
|-------------------|------------|--------|--------------------|-----|-------|--------------------------|
| ref.              | dimensions | baking | active surface     | REM | cable | connection               |
| <b>F7820</b>      | 202X101mm  | FOAM   | 118cm <sup>2</sup> | YES | NO    | Tab Connection           |
| <b>F7820W/V</b>   | 202X101mm  | FOAM   | 118cm <sup>2</sup> | YES | 300cm | Valleylab connector      |
| <b>F7820W/6.3</b> | 202X101mm  | FOAM   | 118cm <sup>2</sup> | YES | 300cm | Ø6.3mm bipolar connector |



F7820



F7820W/V

| PAEDIATRIC       |          |       |                   |     |       |                     |
|------------------|----------|-------|-------------------|-----|-------|---------------------|
| ref.             | length   | shape | active surface    | REM | cable | connection          |
| <b>F7805P</b>    | 148x90mm | FOAM  | 78cm <sup>2</sup> | NO  | NO    | Tab Connection      |
| <b>F7805PW/V</b> | 148x90mm | FOAM  | 78cm <sup>2</sup> | NO  | 300cm | Valleylab connector |
| <b>F7820P</b>    | 148x90mm | FOAM  | 72cm <sup>2</sup> | YES | NO    | Tab Connection      |
| <b>F7820PW/V</b> | 148x90mm | FOAM  | 72cm <sup>2</sup> | YES | 300cm | Valleylab connector |



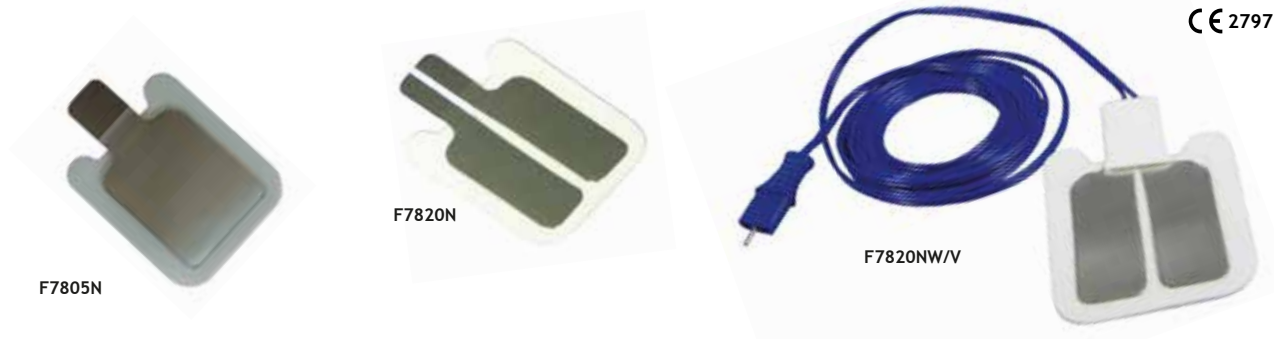
F7805P



F7820P

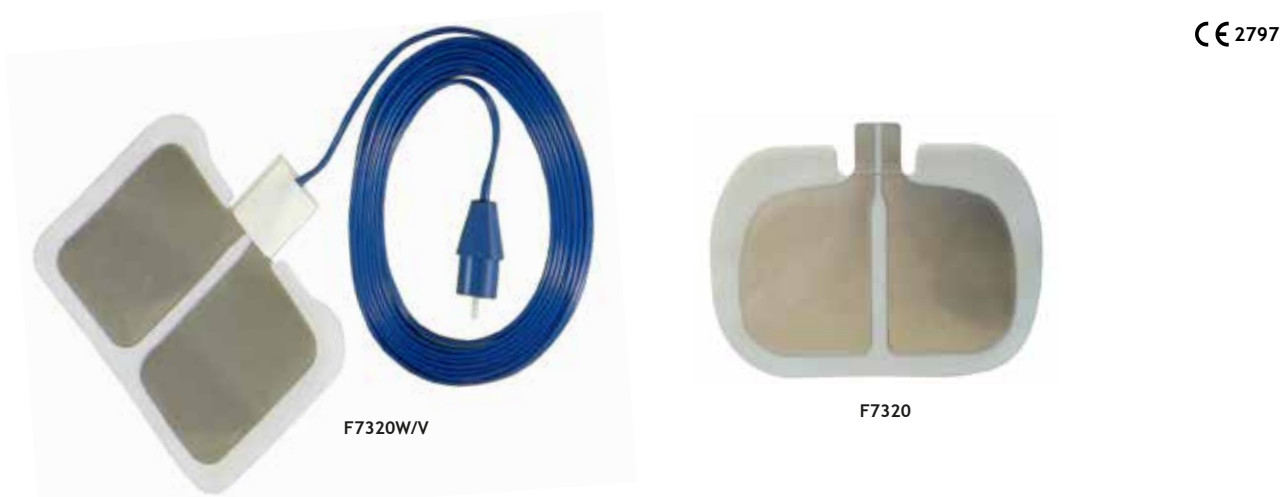
## NEONATAL

| ref.             | dimensions | baking | active surface | REM | cable | connection          |
|------------------|------------|--------|----------------|-----|-------|---------------------|
| <b>F7805N</b>    | 88x74mm    | FOAM   | 36cm²          | NO  | NO    | Tab Connection      |
| <b>F7820N</b>    | 88x74mm    | FOAM   | 33cm²          | YES | NO    | Tab Connection      |
| <b>F7820NW/V</b> | 88x74mm    | FOAM   | 33cm²          | YES | 300cm | Valleylab connector |



## VERSATILE

| ref.            | dimensions | baking    | active surface | REM | cable | connection          |
|-----------------|------------|-----------|----------------|-----|-------|---------------------|
| <b>F7320</b>    | 164x117mm  | FOAM      | 107cm²         | YES |       | Tab Connection      |
| <b>F7320W/V</b> | 150x108mm  | NON WOVEN | 107cm²         | YES | 300cm | Valleylab connector |



## CONNECTION CABLES FOR DISPOSABLE GROUNDING PADS

| ref.            | connector                                          | length | picture |
|-----------------|----------------------------------------------------|--------|---------|
| <b>F7902</b>    | Universal 6.3mm mono Jack                          | 500cm  |         |
| <b>F7902/4</b>  | 4mm plug                                           | 500cm  |         |
| <b>F7902/24</b> | Double 4mm plug                                    | 500cm  |         |
| <b>F7903</b>    | Valleylab type (ESU with REM)                      | 500cm  |         |
| <b>F7903/F</b>  | Valleylab type (ESU without REM)                   | 500cm  |         |
| <b>F7904</b>    | Special 6.3mm mono jack for ERBE: ACC, ICC, VIO, T | 500cm  |         |

## REUSABLE ADAPTERS FOR DISPOSABLE GROUNDING PADS

| ref.         | connector                    | picture |
|--------------|------------------------------|---------|
| <b>F4828</b> | from Valleylab to 4mm plug   |         |
| <b>F4829</b> | from Valleylab to 6.3mm plug |         |

## REUSABLE GROUNDING PADS

| GROUNDING PADS |            |          |                    |     |       |             |
|----------------|------------|----------|--------------------|-----|-------|-------------|
| ref.           | dimensions | baking   | active surface     | REM | cable | connection  |
| <b>F7930</b>   | 200x150mm  | Silicone | 250cm <sup>2</sup> | YES | NO    | 4 mm Socket |



| CONNECTION CABLES FOR REUSABLE GROUNDING PADS |                                                                                                                                         |              |                                                                                                                              |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------------------------------------------------------------------------------------------------------------|
| ref.                                          | connector                                                                                                                               | cable length | picture                                                                                                                      |
| <b>F7922</b>                                  | <br>Universal 6,3 mm MONO JACK                       | 500cm        |  <p style="text-align: right;">F7922</p> |
| <b>F7922/WB</b>                               | <br>Universal 6.3mm MONO JACK without derivation box | 500cm        |                                                                                                                              |
| <b>F7922/24</b>                               | <br>DOUBLE 4 MM PLUG                                 | 500cm        |                                                                                                                              |
| <b>F7923</b>                                  | <br>VALLEYLAB TYPE (ESU WITH REM)                    | 500cm        |                                                                                                                              |
| <b>F7924</b>                                  | <br>6,3 mm MONO JACK (ESU WITHOUT REM)               | 500cm        |                                                                                                                              |

## ELECTROCAUTERIES

FIAB sterile cautery pens are used in haemostasis, granting a fast and precise cauterization of small blood vessels. They are extremely easy to handle, thanks to an internal long life battery; several models are available, different from each other for working temperatures (1200°C, 800°C and 600°C), shape, thickness and length of the cautery tip.

The available range allows to choose a cautery pen that perfectly matches the clinical demands of the procedure.



F7244



F7234



F7277



F7288



F7255



F7266



F7255UF

### DISPOSABLE CAUTERIES

| SERIES                                  | HIGH TEMPERATURE CAUTERIES |       |       |       | MED. TEMPERATURE CAUTERY | LOW TEMPERATURE CAUTERIES |            |
|-----------------------------------------|----------------------------|-------|-------|-------|--------------------------|---------------------------|------------|
|                                         | HTC                        |       |       |       | MTC                      | LTC                       |            |
| REF                                     | F7244                      | F7266 | F7234 | F7277 | F7288                    | F7255                     | F7255UF    |
| TIP SHAPE                               | FINE                       | LARGE | FINE  | FINE  | THICK                    | FINE                      | ULTRA FINE |
| TIP LENGTH (mm)                         | 28                         | 28    | 75    | 125   | 28                       | 28                        | 28         |
| TEMPERATURE AT THE ACTIVATION (°C / °F) | 1200 / 2200                |       |       |       | 800 / 1400               | 600 / 1100                |            |
| POWER SUPPLY (V)                        | 3,0                        |       |       |       | 3,0                      | 1,5                       |            |
| DIAMETER (MM)                           | 16                         |       |       |       | 16                       | 16                        |            |
| WEIGHT (GR)                             | 65                         | 65    | 78    | 78    | 65                       | 45                        | 45         |



LARGE TIP



FINE TIP



THICK TIP



ULTRA FINE TIP

## REUSABLE CAUTERIES

| SERIES                                  | LOW TEMPERATURE<br>CAUTERY AND TIP |        | HIGH TEMPERATURE<br>CAUTERIES AND TIPS |        |        |         |
|-----------------------------------------|------------------------------------|--------|----------------------------------------|--------|--------|---------|
|                                         | LTC                                |        | HTC                                    |        |        |         |
| REF                                     | F7297                              | F7298F | F7299                                  | F7298F | F7298L | F7298FG |
| TIP SHAPE                               | --                                 | FINE   | --                                     | FINE   | LARGE  | FINE    |
| TIP LENGTH (mm )                        | 12                                 | 3      | 18                                     | 3      | 3      | 12      |
| TEMPERATURE AT THE ACTIVATION (°C / °F) | 600/1100                           | --     | 1200 / 2200                            | --     | --     | --      |
| POWER SUPPLY (V)                        | 1,5                                | --     | 3,0                                    | --     | --     | --      |
| DIAMETER (MM)                           | 16                                 | --     | 16                                     | --     | --     | --      |
| WEIGHT (GR)                             | 48                                 | 2      | 65                                     | 2      | 2      | 8       |



## NERVE LOCATOR

NEUROPACER is a sterile battery operated disposable device. It has been developed for identification of exposed motor nerves during microsurgery operations, in order to protect them by any damage. Neuropacer is particularly intended for plastic surgery and surgery of head, neck and hands. The device is supplied complete with an active electrode and a subcutaneous reference needle. A safety system allows the device to be switched on just immediately before use. An alternating and pulsating current guarantees a safe and effective stimulation.

### Neuropacer

**F1745** Disposable, sterile, battery operating, nerve locator complete with active electrode and grounding needle





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# ECG

DISPOSABLE ELECTRODES  
REUSABLE ELECTRODES  
PATIENT CABLES  
ADAPTERS  
HOLTER CABLES  
GEL





# DISPOSABLE ELECTRODES

**EUROEGCELECTRODES™**

FIAB EUROEGCELECTRODES provide the highest quality and performance during ECG test, stress test, long and short monitoring, holter test. FIAB electrodes are available in different shapes and sizes. Solid gel has a special formula that improves adhesion and easy application. Liquid gel electrodes allow a quick and stable ECG tracing. Adhesive backing is made in foam or not woven. Connection are standard snap or 4 mm banana adapter. Carbon snap electrodes are excellent for use with RX and MRI. A complete line of prewired electrodes are specially designed for sensitive skin of neonates and paediatric patients. Conductive adhesive provides an excellent ECG reading and the soft medical foam or the not woven with a sensitive adhesive ensure a secure comfortable contact.

## SNAP/SOCKET ELECTRODES

### ADULT

| ref.                                                          | picture | suggested use                                                                 | ref.                                                                          | picture | suggested use                                                |
|---------------------------------------------------------------|---------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------|---------|--------------------------------------------------------------|
| <b>F9060</b><br>48x50mm<br>FOAM<br>solid gel<br>snap          |         | ECG recording<br>long term monitoring<br>holter<br>stress test<br>resting ECG | <b>F9069RM</b><br>42x45mm<br>FOAM<br>solid gel gel<br>snap<br>radiotrasparent |         | ECG recording<br>resting ECG<br>MRI                          |
| <b>F9079/100</b><br>36x40mm<br>FOAM<br>solid gel<br>snap      |         | ECG recording<br>holter<br>stress test<br>resting ECG                         | <b>F9046</b><br>28x44mm<br>FOAM<br>solid gel gel<br>snap                      |         | ECG recording<br>resting ECG                                 |
| <b>F9089/100</b><br>36x45mm<br>FOAM<br>solid gel<br>snap      |         | ECG recording<br>holter<br>stress test<br>resting ECG                         | <b>F9046RM</b><br>28x44mm<br>FOAM<br>solid gel gel<br>snap<br>radiotrasparent |         | ECG recording<br>resting ECG<br>MRI                          |
| <b>F2080</b><br>Ø 55mm<br>NON WOVEN<br>solid gel<br>snap      |         | ECG recording<br>long term monitoring<br>holter<br>stress test<br>resting ECG | <b>F9047</b><br>32x44mm<br>FOAM<br>liquid gel<br>snap                         |         | ECG recording<br>holter<br>stress test<br>resting ECG        |
| <b>F9047/4F</b><br>34x57mm<br>FOAM<br>solid gel<br>4mm socket |         | ECG recording<br>holter<br>stress test<br>resting ECG                         | <b>F9047RM</b><br>32x44mm<br>FOAM<br>liquid gel<br>snap<br>radiotrasparent    |         | ECG recording<br>holter<br>stress test<br>resting ECG<br>MRI |
| <b>F9048</b><br>34x57mm<br>FOAM<br>solid gel<br>snap          |         | ECG recording<br>holter<br>stress test<br>resting ECG                         | <b>F9047/4FL</b><br>28x44mm<br>FOAM<br>liquid gel<br>4mm socket               |         | ECG recording<br>holter<br>stress test<br>resting ECG        |
| <b>F9049/100</b><br>34x51mm<br>FOAM<br>solid gel<br>snap      |         | ECG recording<br>long term monitoring<br>holter<br>stress test<br>resting ECG | <b>F9067</b><br>48x50mm<br>FOAM<br>liquid gel<br>snap                         |         | ECG recording<br>holter<br>stress test<br>resting ECG        |

## PAEDIATRIC

| ref.                                                      | picture | suggested use                                                                 | ref.                                                                            | picture | suggested use                       |
|-----------------------------------------------------------|---------|-------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------|-------------------------------------|
| <b>F9060P</b><br>Ø 40mm<br>FOAM<br>solid gel<br>snap      |         | ECG recording<br>long term monitoring<br>holter<br>stress test<br>resting ECG | <b>PG10C</b><br>Ø 26mm<br>FOAM<br>solid gel<br>snap                             |         | ECG recording<br>resting ECG        |
| <b>F2080P</b><br>Ø 40mm<br>NON WOVEN<br>solid gel<br>snap |         | ECG recording<br>long term monitoring<br>holter<br>stress test<br>resting ECG | <b>F9069PRM</b><br>32X36mm oval<br>FOAM<br>solid gel<br>snap<br>radiotrasparent |         | ECG recording<br>resting ECG<br>MRI |
| <b>F9079P/100</b><br>32X36mm<br>FOAM<br>solid gel<br>snap |         | ECG recording<br>holter<br>stress test<br>resting ECG                         | <b>F9069NRM</b><br>Ø 26mm<br>FOAM<br>solid gel<br>snap<br>radiotrasparent       |         | ECG recording<br>resting ECG<br>MRI |
| <b>F9089P/100</b><br>32X36mm<br>FOAM<br>solid gel<br>snap |         | ECG recording<br>holter<br>stress test<br>resting ECG                         |                                                                                 |         |                                     |

## TAB ELECTRODES

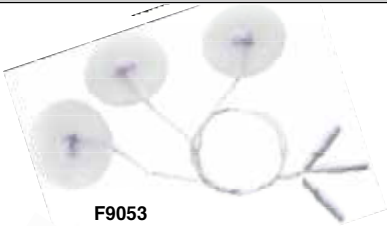
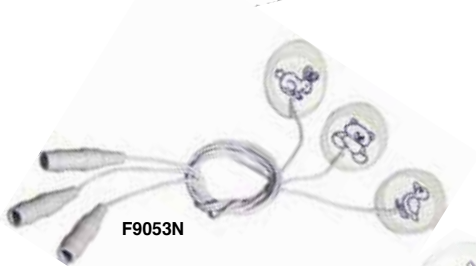
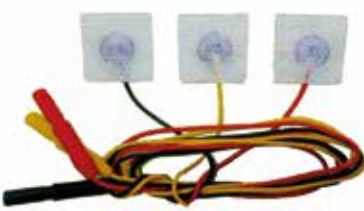
### ADULT

| ref.                                                               | picture | suggested use |
|--------------------------------------------------------------------|---------|---------------|
| <b>F3001ECG</b><br>23X34 mm<br>PLASTIC<br>solid<br>radiotrasparent |         | resting ECG   |

### PAEDIATRIC

| ref.                                                                | picture | suggested use |
|---------------------------------------------------------------------|---------|---------------|
| <b>F3001NECG</b><br>13X34 mm<br>PLASTIC<br>solid<br>radiotrasparent |         | resting ECG   |

## PREWIRED ELECTRODES

| ref           | dimensions | backing   | lead length | connector         | gel   | radioltransparent | picture                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------|------------|-----------|-------------|-------------------|-------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FOR ADULTS    |            |           |             |                   |       |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| F9053         | Ø 32 mm    | FOAM      | 35 cm       | 4 mm socket       | solid | NO                | <br>F9053                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| F9053/10      |            |           | 10 cm       |                   |       | NO                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| F9053RM       |            |           | 35 cm       |                   |       | YES               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| F9053RM/80    |            |           | 80 cm       |                   |       | YES               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| PAEDIATRIC    |            |           |             |                   |       |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| F9058N        | 23 X 30 mm | FOAM      | 50 cm       | 1,5 mm DIN socket | solid | NO                | <br>F9053N<br><br>F9058P/60<br><br>F9058NRM<br><br>F9058<br><br>F9054<br><br>F9057NQ/60 |
| F9058N/F2     | 23 X 30 mm |           | 50 cm       | 2 mm socket       |       | NO                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| F9058N/60     | 23 X 30 mm |           | 60 cm       | 1,5 mm DIN socket |       | NO                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| F9058NRM      | 23 X 30 mm |           | 50 cm       |                   |       | NO                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| F9058/90NRM   | 23 X 30 mm |           | 90 cm       |                   |       | YES               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| F9058P        | Ø 32 mm    |           | 50 cm       |                   |       | NO                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| F9058P/60     | Ø 32 mm    |           | 60 cm       |                   |       | NO                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| F9058PR       | 20 X 15 mm |           | 50 cm       |                   |       | NO                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| F9058PRM      | Ø 32 mm    |           | 50 cm       |                   |       | YES               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| F9058PRRM     | 20 X 15 mm |           | 50 cm       |                   |       | YES               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| F9053N        | 23 X 30 mm |           | 35 cm       | 4 mm socket       |       | NO                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| F9053N/10     | 23 X 30 mm |           | 10 cm       |                   |       | NO                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| F9053PR       | 20 X 15 mm |           | 35 cm       |                   |       | NO                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| F9053PR/10    | 20 X 15 mm |           | 10 cm       |                   |       | NO                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| F9053NRM      | 23 X 30 mm |           | 35 cm       |                   |       | YES               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| F9053NRM/80   | 23 X 30 mm |           | 80 cm       |                   |       | YES               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| F9053PRRM     | 20 X 15 mm |           | 10 cm       |                   |       | YES               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| F9054N        | 23 X 30 mm | NON WOVEN | 35 cm       | 1,5 mm DIN socket |       | NO                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| F9054N3/10    | 23 X 30 mm |           | 10 cm       |                   |       | NO                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| F9054N3/55    | 23 X 30 mm |           | 55 cm       |                   |       | NO                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| F9054NQ/RM/80 | 22 X 22 mm |           | 80 cm       |                   |       | YES               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| F9057P        | Ø 32 mm    |           | 50 cm       |                   |       | NO                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| F9057PRM      | Ø 32 mm    |           | 50 cm       |                   |       | YES               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| F9057N        | 23 X 30 mm |           | 50 cm       |                   |       | NO                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| F9057NRM      | 23 X 30 mm |           | 50 cm       |                   |       | YES               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| F9057PR       | 20 X 15 mm |           | 50 cm       |                   |       | NO                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| F9057PRRM     | 20 X 15 mm |           | 50 cm       |                   |       | YES               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| F9057PQ/60    | 32 X 32 mm |           | 60 cm       |                   |       | NO                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| F9057NQ/60    | 22 X 22 mm |           | 60 cm       |                   |       | NO                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| F9057NQ/RM/50 | 22 X 22 mm |           | 50 cm       |                   |       | YES               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

# REUSABLE ELECTRODES

The range of reusable electrodes includes peripheral clamps, peripheral plates with rubber belts, suction chests and spare parts.

## PERIPHERAL ELECTRODES

| ref               | description                                                                  | picture                                                                              |
|-------------------|------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| CLAMPS FOR ADULTS |                                                                              |                                                                                      |
| F9024SSC          | clamp electrode Silver/Silver Chloride                                       |    |
| F9024NI           | clamp electrode Nickel plated                                                |                                                                                      |
| F9024OSSC         | clamp electrode Silver/Silver Chloride, for Obese                            |                                                                                      |
| F9024ONI          | clamp electrode Nickel plated, for obese                                     |                                                                                      |
| PAEDIATRIC CLAMPS |                                                                              |                                                                                      |
| F9023SSC          | clamp electrode Silver/Silver Chloride                                       |    |
| F9023NI           | clamp electrode Nickel plated                                                |                                                                                      |
| PLATES            |                                                                              |                                                                                      |
| F9010SSC          | Silver/Silver Chloride for adults                                            |   |
| F9010PSSC         | Silver/Silver Chloride for paediatric                                        |   |
| F9011PG           | rubber belt for peripheral plate electrode<br>h=24mm, L=48cm, for adults     |   |
| F9011P            | rubber belt for peripheral plate electrode<br>h=17mm, L=26cm, for paediatric |  |

## SUCTION CHEST ELECTRODES

| ref                | description                                             | picture                                                                              |
|--------------------|---------------------------------------------------------|--------------------------------------------------------------------------------------|
| WITH RUBBER RING   |                                                         |                                                                                      |
| F9002SSC           | Ø 24 mm, Silver/Silver Chloride                         |  |
| F9002NI            | Ø 24 mm, Nickel plated                                  |                                                                                      |
| F9003SSC           | Ø 30 mm, Silver/Silver Chloride                         |                                                                                      |
| F9003NI            | Ø 30 mm, Nickel plated                                  |                                                                                      |
| WITH METALLIC RING |                                                         |                                                                                      |
| F9008SSC           | Ø 15 mm, Silver/Silver Chloride                         |  |
| F9008NI            | Ø 15 mm, Nickel plated                                  |                                                                                      |
| F9015SSC           | Ø 20 mm, Silver/Silver Chloride                         |                                                                                      |
| F9009SSC           | Ø 24 mm, Silver/Silver Chloride                         |                                                                                      |
| F9009NI            | Ø 24 mm, Nickel plated                                  |                                                                                      |
| F9016SSC           | Ø 30 mm, Silver/Silver Chloride                         |                                                                                      |
| F9016NI            | Ø 30 mm, Nickel plated                                  |                                                                                      |
| SPARE PARTS        |                                                         |                                                                                      |
| F9005SSC           | spare metallic chest, Ø 15mm, Silver/Silver Chloride    |  |
| F9005/20SSC        | spare metallic chest, Ø 20mm, Silver/Silver Chloride    |                                                                                      |
| F9005/24SSC        | spare metallic chest, Ø 24mm, Silver/Silver Chloride    |                                                                                      |
| F9006SSC           | spare metallic chest, Ø 30mm, Silver/Silver Chloride    |                                                                                      |
| F9007              | spare rubber ball chest for series: F9003, F9009, F9016 |                                                                                      |
| F9007P             | spare rubber ball chest for series: F9002, F9008, F9015 |                                                                                      |

## PATIENT CABLES

FIAB manufactures a wide range of ECG patient cables with direct connection to the main part of devices present on the market. Patient cables are provided with 4 mm plugs, snaps or pinches.



### CABLES WITH MOULDED MANIFOLD

**F8000 series**  
small moulded manifold  
4mm plug connection



**F8000 series**  
small moulded manifold  
snap connection



### CABLES WITH INSPECTABLE MANIFOLD

**F6000 series**  
small manifold  
4mm plug connection



**F6000P series**  
small manifold  
pinch connection



**F5000c series**  
large manifold  
snap connection



## ECG DEVICE MANUFACTURER

|                                                                                     |                                                                            |                                                                                     |                         |                                                                                      |                      |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------|--------------------------------------------------------------------------------------|----------------------|
|    | ASPEL<br>BIONET<br>BTL<br>CARDIOLINE<br>CARDIOTEK<br>CARDIORAPID<br>DR.LEE |    | BURDICK / QUINTON       |   | ESAOTE               |
|    | BOSCH<br>CAMBRIDGE<br>KENZ<br>NIHON KOHDEN<br>PICKER                       |    | CARDIOLINE              |   | FUKUDA DENSHI        |
|    | BOSCH<br>CUSTO MED GMBH<br>HELLIGE<br>SIEMENS                              |    | CARDIOLINE<br>KENZ      |   | FUKUDA DENSHI        |
|    | BURDICK / QUINTON<br>SIEMENS                                               |    | CARDIOLINE<br>CARDIETTE |   | HELLIGE<br>MARQUETTE |
|  | BURDICK / QUINTON<br>SIEMENS                                               |  | ESAOTE                  |  | MORTARA              |

## SPARE PARTS

| ref.                             | description                              | picture                                                                               |
|----------------------------------|------------------------------------------|---------------------------------------------------------------------------------------|
| <b>KITS OF 10 UNIPOLAR LEADS</b> |                                          |                                                                                       |
| <b>F5377/KIT</b>                 | 4mm plug connectors, without protection  |   |
| <b>F5388/KIT</b>                 | 4mm plug connectors, 4,7 Kohm protection |                                                                                       |
| <b>F5388R/KIT</b>                | 4mm plug connectors, 10 Kohm protection  |                                                                                       |
| <b>F5376/KIT</b>                 | Pinch connectors, without protection     |   |
| <b>F5386/KIT</b>                 | Pinch connectors, 4,7 Kohm protection    |                                                                                       |
| <b>F5386R/KIT</b>                | Pinch connectors, 10 Kohm protection     |                                                                                       |
| <b>F5399/KIT</b>                 | Snap connectors, without protection      |  |

## ADAPTERS

A large range of adapters from banana plug to snap or alligator allows to modify the configuration of each patient cables or single leads.

| ref.              | description                                                                                         | picture |
|-------------------|-----------------------------------------------------------------------------------------------------|---------|
| <b>F9017W</b>     | From 4mm socket to snap+alligator, white                                                            |         |
| <b>F9017/4PW</b>  | from 4mm socket to pich, white                                                                      |         |
| <b>F9019</b>      | from 4mm socket to alligator (*)<br>(*) suffix colour key: R=red, N=black                           |         |
| <b>PG922/4T</b>   | from 4mm socket to snap (**)<br>(**) suffix colour key: R=red, N=black, V=green, G=yellow, B=white  |         |
| <b>PG922/4KIT</b> | from 4mm socket to snap , kit of 10 pieces (***)<br>(***) 10pcs: 6 white, 1 black, 1green, 1 yellow |         |

## HOLTER CABLES

Holter cables have a snap connection at one side and different connections at the other one, in order to match with every needing. Several colours are available for every single cable.

| ref.          | description                                                           | picture                                                                              |
|---------------|-----------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| SINGLE CABLES |                                                                       |                                                                                      |
| F9022S        | L=60cm, 2mm safety plug (*)                                           |  |
| F9052S        | L=80cm, 2mm safety plug (*)                                           |                                                                                      |
| F9032S        | L=150cm, 2mm safety plug (*)                                          |                                                                                      |
| F9022D        | L=60cm, safety 1,5mm DIN socket (*)                                   |  |
| F9052D        | L=90 cm, safety 1,5 mm DIN socket (*)                                 |                                                                                      |
| F9032D        | L=120 cm, safety 1,5 mm DIN socket (*)                                |                                                                                      |
| F9032DN/200   | L=200 cm, safety 1,5 mm DIN socket, black                             |                                                                                      |
| CABLES IN KIT |                                                                       |                                                                                      |
| F9022D/KITX   | Kit of dnap connection cables, L=60cm, safety 1,5mm DIN socket (**)   |  |
| F9052D/KITX   | Kit of dnap connection cables, L=90cm, safety 1,5mm DIN socket (**)   |                                                                                      |
| F9032D/KITX   | Kit of dnap connection cables, L=120cm, safety 1,5mm DIN socket (***) |                                                                                      |

(\*) suffix colour key: R=red, N=black, A= Orange, V=green, G=yellow, W=white, M=brown, B=blue, I=purple

(\*\*) F9022D/KITX and F9052D/KITX models are available with 3, 5, 7 or 8 cables, please replace "X" with the related number

(\*\*\*) F9032D/KITX is available with 3, 5 or 7 cables, please replace "X" with the related number

## GEL

GEL range includes models specifically intended for ECG and ultrasound: dispensers are available separately as spare parts.

### ECG

| ref.        | description              | picture                                                                            |
|-------------|--------------------------|------------------------------------------------------------------------------------|
| <b>G004</b> | spray gel, 230ml bottle  |  |
| <b>G005</b> | liquid gel, 260ml bottle |                                                                                    |

### ULTRASOUND

| ref.         | description                                             | picture                                                                             |
|--------------|---------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>G006</b>  | liquid gel, 260ml bottle                                |  |
| <b>G007</b>  | liquid gel, 1000ml bottle                               |                                                                                     |
| <b>G0064</b> | liquid gel, 5000ml flexible bag, 260ml refilling bottle |                                                                                     |
| <b>G0066</b> | liquid gel, 5000ml jerry can, 260ml refilling bottle    |                                                                                     |

### ULTRASOUND AND IPL

| ref.         | description                                                         | picture                                                                              |
|--------------|---------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| <b>G002</b>  | transparent liquid gel, 20ml pouch                                  |  |
| <b>G008</b>  | transparent liquid gel, 260ml bottle                                |                                                                                      |
| <b>G009</b>  | transparent liquid gel, 1000ml bottle                               |                                                                                      |
| <b>G010</b>  | transparent liquid gel, high density, 1000ml jar                    |                                                                                      |
| <b>G080</b>  | transparent liquid gel, high density, 500 ml bottle                 |                                                                                      |
| <b>G0084</b> | transparent liquid gel, 5000ml flexible bag, 260ml refilling bottle |                                                                                      |

### DISPENSERS

| ref.         | description                                | picture                                                                              |
|--------------|--------------------------------------------|--------------------------------------------------------------------------------------|
| <b>G0067</b> | reusable dispenser for 5000ml jerry can    |  |
| <b>G0068</b> | reusable dispenser for 5000ml flexible bag |                                                                                      |
| <b>G0069</b> | reusable dispenser for 1000ml bottle       |                                                                                      |





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*PRODUCT CATALOGUE*

# **DEFIBRILLATION**

## **+EURODEFIPADS®+**





**EURODEFIPADS®**

## MULTIFUNCTION PADS



*High quality materials,  
continuous process control  
and extreme care  
in assessing the compatibility  
and the conformity to the  
international standards  
make EURODEFIPADS®  
excellent and safe devices.  
Easy to be used,  
they assure optimal clinical  
performances both  
in emergency  
and elective cases.*

EURODEFIPADS® is a complete line of adult and pediatric disposable multifunction electrodes for defibrillation, synchronized cardioversion, external cardiac stimulation and ECG monitoring with different connectors compatible with the main defibrillators present in the market.

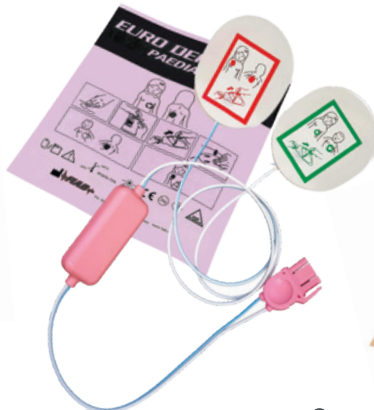
Radiotransparent models (with radiolucent cable and pads) have been designed for use in EP labs, haemodynamics and during radiographic and angiographic procedures. Lead-out preconnectable models (marked with suffix W) have cable and terminal connector outside the pouch, allowing to connect pads to the defibrillator before opening pouch; they have been intended especially for emergency situations.

Euro Defi Pads are compatible with monophasic and biphasic defibrillators (manual, semi-automatic and automatic) and they comply with **European Directive and International Standards** (IEC/EN 60601-1, IEC/EN 60601-2-4, ANSI/AAMI DF-80, EN ISO 10993-1)

ADULT



PAEDIATRIC



RADIOTRANSSPARENT



LEAD OUT





Please contact the International Sales Dept. in order to get the compatibility list and find out the right reference for each defibrillator brand and model.

Brands, models and commercial names reported in this document belong to the companies owning the corresponding registered brands, models and names. FIAB is not affiliated to any of the above mentioned companies.

## CONNECTORS

## BRANDS

F7950  
F7950W  
F7750  
F7750W

F7950P  
F7950PW  
F7750P  
F7950WPL  
F7750WPL



Philips Medical®  
Laerdal Medical®  
Agilent Philips Medical

## ADULT

### Radiopaque



F7950  
F7950W

### Radiotransparent



F7750  
F7750W

## UNIVERSAL



F7950U  
F7950UW

## PAEDIATRIC

### Radiopaque



F7950P  
F7950PW  
F7950U  
F7950UW

### AED



F7950PL  
F7950WPL

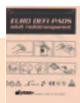
### Radiotransparent



F7750P



F7951  
F7951W



F7751  
F7751W



F7951P  
F7951PW



F7751P



Zoll Medical Corp®  
M&B



F7952  
F7952W  
F7952/200



F7752  
F7752W



F7952P  
F7952PW



F7952PL  
F7952WPL



F7752P  
F7752PW

F7952PL  
F7952WPL

other



Physiocontrol®  
Bexen Cardio  
Cardioline®  
Mindray  
Comen

# EURODEFIPADS®

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| CONNECTORS                                                                          |  | BRANDS                                         |                         | ADULT           |                  | UNIVERSAL                      | PAEDIATRIC        |                     |                  |
|-------------------------------------------------------------------------------------|--|------------------------------------------------|-------------------------|-----------------|------------------|--------------------------------|-------------------|---------------------|------------------|
|                                                                                     |  |                                                |                         | Radiopaque      | Radiotransparent |                                | Radiopaque        | AED                 | Radiotransparent |
|     |  | Agilent<br>Laerdal Medical®<br>Hewlett-Packard |                         | F7953<br>F7953W | F7753<br>F7753W  |                                | F7953P<br>F7953PW |                     | F7753P           |
|    |  | Schiller<br>Esaote                             |                         | F7954<br>F7954W | F7754            |                                | F7954P            |                     | F7754P           |
|    |  | Nihon Kohden<br>Welch Allyn®<br>Innomed<br>MRL | Artema<br>S&W<br>Dräger | F7955<br>F7955W | F7755<br>F7755W  |                                | F7955P<br>F7955PW |                     | F7755P           |
|    |  | Schiller                                       |                         | F7956<br>F7956W | F7756            |                                | F7956P<br>F7956PW |                     | F7756P           |
|  |  | Cardiac Science                                |                         | F7957W          |                  |                                |                   | F7957PL             |                  |
|   |  | CU Medical Systems, inc                        |                         | F7958<br>F7958W |                  |                                | F7958P<br>F7958PW | F7958PL             |                  |
|  |  | CU Medical Systems, inc<br>Cmos Drake          |                         | F7959<br>F7959W | F7759            |                                | F7959P            | F7959PL<br>F7959WPL |                  |
|   |  | Metrax Primedic                                |                         | F7960W          | F7760W           |                                |                   |                     |                  |
|   |  | Nihon Kohden                                   |                         |                 | F7761            | F7961U<br>F7961UW<br>F7961UWXL | F7961P<br>F7961PW |                     | F7761P           |
|  |  | Marquette GE®<br>Esaote                        |                         | F7962           | F7762            |                                | F7962P            |                     |                  |
|  |  | Nihon Kohden                                   |                         | F7963           |                  |                                |                   |                     |                  |
|   |  | Weinmann<br>Cardiaid                           |                         | F7964W          |                  |                                | F7964PW           |                     |                  |

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|                                                                                    |                         | ADULT               |                  | UNIVERSAL | PAEDIATRIC        |          |                  |
|------------------------------------------------------------------------------------|-------------------------|---------------------|------------------|-----------|-------------------|----------|------------------|
|                                                                                    |                         | Radiopaque          | Radiotransparent |           | Radiopaque        | AED      | Radiotransparent |
| CONNECTORS                                                                         | BRANDS                  |                     |                  |           |                   |          |                  |
|    | Corpus                  | F7965<br>F7965/PLUS |                  |           | F7965P            |          |                  |
|    | Defibtech               | F7966W              |                  |           |                   | F7966WPL |                  |
|    | Schiller                | F7967<br>F7967W     |                  |           | F7967P<br>F7967PW |          |                  |
|   | Mediana                 | F7969W              |                  |           | F7969PW           |          |                  |
|  | GE®                     | F7981               |                  |           | F7981P            |          |                  |
|  | Mediana<br>Tecnogaz     | F7986<br>F7986W     |                  | F7986UW   | F7986P<br>F7986PW |          |                  |
|  | Zoll Medical Corp®      | F7987W              |                  |           | F7987PW           |          |                  |
|  | Nihon Kohden            |                     |                  | F7989UW   |                   |          |                  |
| Not for sale in France, Germany and UK                                             |                         |                     |                  |           |                   |          |                  |
|  | Radian                  |                     |                  | F7992U    |                   |          |                  |
|  | Laerdal Medical®        | F7970               |                  |           | F7970P            |          |                  |
|  | Physiocontrol®          | F7971               |                  |           |                   |          |                  |
|  | Marquette GE®<br>Esaote | F7972               |                  |           | F7972P            |          |                  |

# **EURODEFIPADS®** **STIMULATION PADS**

CE 2797

Besides **EURODEFIPADS®** models, some additional pads have been developed only for external cardiac stimulation.



| CONNECTORS                                                                        | BRANDS                                               |                     |                           |
|-----------------------------------------------------------------------------------|------------------------------------------------------|---------------------|---------------------------|
|  | Zoll Medical Corp®<br>(M series, pacer version only) | adult<br>paediatric | F7951/STIM<br>F7951P/STIM |
|  | Physiocontrol®                                       | adult               | F7973                     |
|  | Nihon Kohden<br>Innomed                              | adult               | F7955/STIM                |

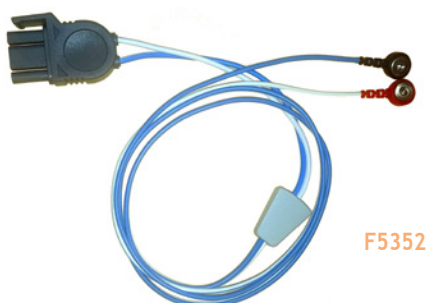
## **TRAINER PADS**

CE

Defibrillation training pads (adult and paediatric) are equipped with snap connection and must be used with the appropriate connection cable. The pad's special shape makes the application extremely easy both on manikins and on other surfaces.

### **PADS**

|        |            |
|--------|------------|
| F7999  | adult      |
| F7999P | paediatric |



### **CONNECTING CABLES**

| CONNECTORS                                                                           | BRANDS                                                          |       |
|--------------------------------------------------------------------------------------|-----------------------------------------------------------------|-------|
|  | Philips Medical®<br>Laerdal Medical®<br>Agilent Philips Medical | F5350 |
|  | Physiocontrol®<br>Osatu Bexen Cardio<br>Cardioline® - Mindray   | F5352 |
|  | Welch Allyn                                                     | F5355 |
|  | Schiller                                                        | F5356 |
|  | Weinmann<br>Cardiaid                                            | F5364 |
|  | Defibtech                                                       | F5366 |
|  | Mediana                                                         | F5369 |
|  | Mediana<br>Tecnogaz                                             | F5386 |
|  | Nihon Kohden                                                    | F5389 |



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MD 77846