











FLAB[®]

PRODUCT CATALOGUE

-  **Defibrillation**
-  **ECG**
-  **Electrosurgery**
-  **Cardiac Stimulation**
-  **Gel and Creams**
-  **Neurology**
-  **Electrostimulation**
-  **Oxygen therapy**

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DEFIBRILLATION

EURO DEFI PADS

Euro Defi Pads: a complete line of disposable multifunction electrodes for defibrillation, synchronized cardioversion, external cardiac stimulation and ECG monitoring. Easy to be used, they allow simple but specific and optimal clinical performances both in emergency cases and for other uses. Thanks to the high quality of the low impedance conductive adhesive gel, to the excellent adhesivity and to their particular shape, Euro Defi Pads perfectly stick to patient's skin and grant a balanced distribution of the current on all the conductive surface of the pad. Models with cable of the right length and safety antishock connector allow the direct connection -without any adaptor- to the devices of the main defibrillators brands, that nowadays are present on the market. Euro Defi Pads are compatible with monophasic and biphasic defibrillators (manual, semi-automatic and automatic) and they comply with European Directives and International Standards (ANSI/AAMI DF-80, IEC/CEI/EN 60601-2-4, 60601-1, ISO10993-1, FDA approved).

Besides Adult Standard series, Euro Defi Pads are available in a Paediatric Standard version too, for patients under 8 years.

Radiotransparent models have been optimized for use in EP labs, haemodynamics, during radiographic and angiographic procedures and in emergency rooms.

Radiotransparent version is available for both adults and paediatric and pads and cable are both radiotrasparent.



Lead-out models 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, in order to save time and make procedures more safe.

Paediatric models for AED are also available: they're equipped with a power reducer on the cable, which allows to reduce automatically the delivered energy.



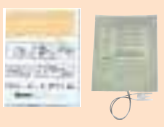

DEFIBRILLATION

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.

(1) With power reducer and cable outside the pouch ("lead out")

(2) With power reducer and cable outside the pouch ("lead out")

CONNECTORS		BRANDS		ADULT SERIES		PAEDIATRIC SERIES		
				Radiopaque	Radiotransparent	Radiopaque	AED	Radiotransparent
F7950 F7950W F7750	F7950P F7750P F7950PW	F7950PL, F7950WPL	Philips Medical Laerdal Medical Agilent Philips Medical					
			Zoll Medical Corp	F7951 F7951W	F7751 F7751W	F7951P F7951PW		F7751P
F7952PL F7952WPL	OTHERS		Physiocontrol Osatu Bexen Cardioline Mindray	F7952 F7952W	F7752 F7752W	F7952P F7952PW	F7952PL F7952WPL	F7752P F7752PW
			Agilent Laerdal Medical Hewlett-Packard	F7953 F7953W	F7753	F7953P F7953PW		F7753P
			Schiller Esaote	F7954 F7954W	F7754	F7954P		F7754P
			Nihon Kohden Welch Allyn Innomed	F7955 F7955W	F7755 F7755W	F7955P F7955PW		F7755P
F7956P	OTHERS		Schiller	F7956 F7956W	F7756	F7956P		
			Cardiac Science	F7957W				
			CU Medical Systems, inc	F7958 F7958W		F7958P	F7958PL	
			CU Medical Systems, inc Cmos Drake	F7959 F7959W	F7759	F7959P	F7959PL F7959WPL	
			Metrax Primedic	F7960W	F7760W			
			Nihon Kohden	F7961 F7961W	F7761	F7961P		
			GE Esaote	F7962	F7762	F7962P		
			Nihon Kohden	F7963				
			Weinmann Cardiaid	F7964W		F7964PW		
			Corpuls	F7965 F7965/PLUS ⁽¹⁾		F7965P		
F7966W	F7966WPL		Defibtech	F7966W			F7966WPL ⁽²⁾	
F7967	F7967P		Schiller	F7967				

DEFIBRILLATION

ADULT SERIES

PAEDIATRIC SERIES



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CONNECTORS		BRANDS	Radiopaque	Radiotransparent	Radiopaque	AED	Radiotransparent
		Mediana	F7969W		F7969PW		
		Marquette GE	F7981		F7981P		
		Metsis	F7983W		F7983PW		
		Instramed	F7984W		F7984PW		
		Instramed	F7985		F7985P		
		Mediana - Tecno Gaz	F7986UW				
		ZOLL Medical Corp	F7987W				
		Laerdal Medical	F7970		F7970P		
		Physiocontrol	F7971				
		GE	F7972		F7972P		

STIMULATION PADS

Besides Euro Defi Pads models, some additional pads have been intended only for external cardiac stimulation.





CONNECTORS	BRANDS (*)	
	Zoll Medical Corp (M series, pacer version only)	F7951/STIM <i>for adults</i> F7951P/STIM <i>paediatric</i>
	Physiocontrol	F7973 <i>for adults</i>





CONNECTORS	BRANDS (*)	
	Nihon Kohden Innomed	F7955/STIM <i>for adults</i>

TRAINER PADS

Defibrillation training pads 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 dummies and on other surfaces.



CONNECTORS	BRANDS (*)	
	Philips Medical® Laerdal Medical® Agilent Philips Medical	F5350
	Medtronic-Physiocontrol® Osatu Bexen Cardioline® - Mindray	F5352
	Welch Allyn	F5355
	Schiller	F5356

CONNECTORS	BRANDS (*)	
	Weinmann Cardiaid	F5364
	Defibtech	F5366
	Mediana	F5369
	Mediana -Tecno	F5386

DISPOSABLE ELECTRODES



Snap electrodes

DISPOSABLE SNAP ELECTRODES - QUICK REFERENCE GUIDE

FOR ADULTS				
REF	SIZE (mm)	PAD	CONNECTOR	GEL
F9060	48 x 50	FOAM	snap	solid
F9079/100	36 x 40	FOAM	snap	solid
F9089/100	36 x 40	FOAM	snap	solid
F2080	∅ 55	NON WOVEN	snap	solid
F9047/4F	28 x 44	FOAM	4 mm socket	solid
F9048	34 x 57	FOAM	snap	solid
F9049/100	35 x 55	FOAM	snap	solid
F9069RM (*)	42 x 45	FOAM	snap	solid
F9047	32 x 44	FOAM	snap	liquid
F9047/4FL	28 x 44	FOAM	4 mm socket	liquid
F9067	48 x 50	FOAM	snap	liquid
PAEDIATRIC				
REF	SIZE (mm)	PAD	CONNECTOR	GEL
F9060P	∅ 40	FOAM	snap	solid
F2080P	∅ 40	NON WOVEN	snap	solid
F9079P/100	32 x 36	FOAM	snap	solid
F9089P/100	32 x 36	FOAM	snap	solid
PG10C	∅ 26	FOAM	snap	solid
F9069PRM (*)	32 x 36	FOAM	snap	solid
F9069NRM (*)	∅ 26	FOAM	snap	solid

(*) radiotransparent



Tab electrodes

DISPOSABLE TAB ELECTRODES - QUICK REFERENCE GUIDE

FOR ADULTS				
REF	SIZE (mm)	PAD	CONNECTOR	GEL
F3001ECG	34 x 23	PLASTIC	tab	solid
PAEDIATRIC				
REF	SIZE (mm)	PAD	CONNECTOR	GEL
F3001NECG	34 x 13	PLASTIC	tab	solid



F3001ECG



F3001NECG

Wire electrodes

NEONATAL / PAEDIATRIC					
REF	SIZE (mm)	WIRE LENGTH (mm)	PAD	CONNECTOR	GEL
F9058N	23 x 30	50	FOAM	1,5 mm DIN socket	solid
F9058N/60	23 x 30	60	FOAM	1,5 mm DIN socket	solid
F9058NRM (*)	23 x 30	50	FOAM	1,5 mm DIN socket	solid
F9058/90NRM (*)	23 x 30	90	FOAM	1,5 mm DIN socket	solid
F9058P	∅ 32	50	FOAM	1,5 mm DIN socket	solid
F9058P/60	∅ 32	60	FOAM	1,5 mm DIN socket	solid
F9058PR	20 x 15	50	FOAM	1,5 mm DIN socket	solid
F9058PRM (*)	∅ 32	50	FOAM	1,5 mm DIN socket	solid
F9058PRRM (*)	20 x 15	50	FOAM	1,5 mm DIN socket	solid
F9053N	23 x 30	35	FOAM	4 mm socket	solid
F9053N/10	23 x 30	10	FOAM	4 mm socket	solid
F9053PR	20 x 15	35	FOAM	4 mm socket	solid
F9053/PR10	20 x 15	10	FOAM	4 mm socket	solid
F9053NRM (*)	23 x 30	35	FOAM	4 mm socket	solid
F9053PRRM	20 x 15	35	FOAM	4 mm socket	solid
F9053NRM/80(*)	23 x 30	80	FOAM	4 mm socket	solid
FOR ADULTS					
F9053	∅ 32	35	FOAM	4 mm socket	solid
F9053/10	∅ 32	10	FOAM	4 mm socket	solid
F9053RM (*)	∅ 32	35	FOAM	4 mm socket	solid
F9053RM/80 (*)	∅ 32	80	FOAM	4 mm socket	solid

(*) radiotransparent



REUSABLE ELECTRODES



ADULT CLAMPS

Peripheral clamp and plate electrodes

F9024 - Adult clamp electrodes

- F9024SSC Silver/Silver Chloride
- F9024Ni Nickel plated
- F9024OSSC Silver/Silver Chloride, for obese
- F9024ONi Nickel plated, for obese

F9023 - Paediatric clamp electrodes

- F9023SSC Silver/Silver Chloride
- F9023Ni Nickel plated



PAEDIATRIC CLAMPS

F9010 - Peripheral plate electrodes

- F9010SSC Silver/Silver Chloride, for adults
- F9010PSSC Silver/Silver Chloride, paediatric
- F9011PG Rubber belt for peripheral plate electrodes, H 24 mm, L 48 cm, for adults
- F9011P Rubber belt for peripheral plate electrodes, H 17 mm, L 26 cm, paediatric



F9010PSSC



F9010SSC



F9011PG

Suction chest electrodes

F9002-03 - Suction chests 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

F9008-09-15-16 Suction chests 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

F9005-06-07 - Spare parts

- F9005SSC spare metallic chest, ø 15 mm, Silver/Silver Chloride
- F9005/20SSC spare metallic chest, ø 20mm, Silver/Silver Chloride
- F9005/24SSC spare metallic chest, ø 24 mm, Silver/Silver Chloride
- F9006SSC spare metallic chest, ø 30 mm, Silver/Silver Chloride
- F9007 spare rubber ball for chest series F9003, F9009, F9016
- F9007P spare rubber ball for chest series F9002, F9008, F9015



SUCTION CHESTS WITH RUBBER RING






SUCTION CHESTS WITH METALLIC RING



F9005/24SSC

PATIENT CABLES

In order to meet every customers' demand, FIAB produces a very wide range of ECG patient cables. Patient cables can be provided with 4 mm plugs, snaps or pinches at one side; at the opposite side of the cable many different connectors can be assembled in order to allow the connection with the most part of devices present on the market.

PATIENT DERIVATIONS		
small openable manifold, 4mm plugs 	clip large openable manifold, clip 	small openable manifold, clamps 

ECG DEVICE MANUFACTURER		
 <ul style="list-style-type: none"> ASPEL BIONET BTL CARDIOLINE CARDIOTEK CARDIORAPID DR.LEE 	 <ul style="list-style-type: none"> BURDICK / QUINTON 	 <ul style="list-style-type: none"> ESAOTE
 <ul style="list-style-type: none"> BOSCH CAMBRIDGE KENZ NIHON KOHDEN PICKER 	 <ul style="list-style-type: none"> CARDIOLINE 	 <ul style="list-style-type: none"> FUKUDA DENSHI
 <ul style="list-style-type: none"> BOSCH CUSTO MED GMBH HELLIGE SIEMENS 	 <ul style="list-style-type: none"> CARDIOLINE KENZ 	 <ul style="list-style-type: none"> FUKUDA DENSHI
 <ul style="list-style-type: none"> BURDICK / QUINTON SIEMENS 	 <ul style="list-style-type: none"> CARDIOLINE CARDIETTE 	 <ul style="list-style-type: none"> HELLIGE MARQUETTE
 <ul style="list-style-type: none"> BURDICK / QUINTON SIEMENS 	 <ul style="list-style-type: none"> ESAOTE 	 <ul style="list-style-type: none"> MORTARA



4 MM PLUGS



PINCHES



SNAPS



INSPECTABLE
MANIFOLD
F5000 SERIES
(SNAP)



INSPECTABLE
MANIFOLD
F6000P SERIES
(PINCH)



MOULDED
MANIFOLD
F8000 SERIES
(PLUG)

Patient cables with inspectable manifold

ECG patient cables with inspectable manifold allow the customer to repair and substitute each lead without replacing the whole cable. We can find three main families of models:

- 1) F6000 series, with small manifold and 4 mm plug connection;
- 2) F6000P series, with small manifold and pinch connection;
- 3) F5000C series, with large manifold and snap connection.

Patient cables with moulded manifold

ECG patient cables with moulded box are provided with 4 mm plug at one side, while the other side can be provided with many different connectors, able to be directly connected to most of the devices present on the market.



Accessories

Kits of 10 unipolar leads made up of:
 - 6 leads 100 cm long
 (colours: red, yellow, green, brown, black, violet)
 - 4 leads 120 cm long
 (colours: green, yellow, black, red)

- F5377/KIT** 4 mm plug connectors, without protection
- F5388/KIT** 4 mm plug connectors, 4,7 KOhm protection
- F5388R/KIT** 4 mm plug connectors, 10 KOhm protection
- F5376/KIT** pinch connectors, without protection
- F5386/KIT** pinch connectors, 4,7 KOhm protection
- F5386R/KIT** pinch connectors, 10 KOhm protection
- F5399/KIT** snap connectors, without protection

ADAPTERS



From 4 mm socket to...

- F9017W** snap+alligator, white
- F9017/4PW** pinch, white
- F9019** alligator (*)
- PG922/4T** snap (**)
- PG922/4KIT** snap, kit (***)

(*) suffix colour key: R=red, N=black

(**) suffix colour key:

R=red, N=black, V=green, G= yellow, B=white

(***)10 pcs: 6 white, 1 black, 1 red, 1 green, 1 yellow

CONNECTION CABLES



Single snap connection cables

- F9022S** L 60 cm, 2 mm safety plug (*)
- F9052S** L 80 cm, 2 mm safety plug (*)
- F9032S** L 150 cm, 2 mm safety plug (*)
- F9022D** L 60 cm, safety 1,5 mm DIN socket (*)
- F9052D** L 90 cm, safety 1,5 mm DIN socket (*)
- F9032D** L 120 cm, safety 1,5 mm DIN socket (*)

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

Kits of snap connection cables

- F9022D/KITX** Kit of snap connection cables, L 60 cm, safety 1,5 mm DIN socket
- F9032D/KITX** Kit of snap connection cables, L 120 cm, safety 1,5 mm DIN socket
- F9052D/KITX** Kit of snap connection cables, L 90 cm, safety 1,5 mm DIN socket

F9022D/KITX and F9052D/KITX are available with 3, 5, 7 or 8 cables; please replace X with the related number. For models F9032D/KITX 8 cables version is not available

ELECTROSURGERY

PENCILS

*Disposable sterile
electrosurgical pencils*

DISPOSABLE PENCILS WITH PUSH-BUTTON CONTROL QUICK REFERENCE GUIDE



F4797/SE

new



F4797



F4797/L



F4797/ERB



F4797/75H



F4798

REF	CABLE LENGTH	CONNECTOR	Ø	ELECTRODE
F4797/SE	300cm	Valleylab	2,38 mm	blade F4046-F4050
F4797	320 cm	Valleylab	2,38 mm	blade F4046
F4797/5	500 cm	Valleylab	2,38 mm	blade F4046
F4797/WB	320 cm	Valleylab	2,38 mm	none
F4797/5WB	500 cm	Valleylab	2,38 mm	none
F4797/A	320 cm	Valleylab	2,38 mm	needle F4048
F4797/5A	500 cm	Valleylab	2,38 mm	needle F4048
F4797/P	320 cm	Valleylab	2,38 mm	sphere F4044
F4797/L	320 cm	Valleylab	2,38 mm	blade F4050
F4797/5L	500 cm	Valleylab	2,38 mm	blade F4050
F4797/AL	320 cm	Valleylab	2,38 mm	needle F4052
F4797/PL	320 cm	Valleylab	2,38 mm	sphere F4067
F4797/T	320 cm	Valleylab	2,38 mm	blade F4046T
F4797TEF	320 cm	Valleylab	2,38 mm	blade F4046/TEF
F4797/5TEF	500 cm	Valleylab	2,38 mm	blade F4046/TEF
F4797/ERB	320 cm	Erbe 5 mm	2,38 mm	blade F4046
F4797/5ERB	500 cm	Erbe 5 mm	2,38 mm	blade F4046
F4798	320 cm	Valleyab	2,38 mm	blade F4046
F4798/5	500 cm	Valleyab	2,38 mm	blade F4046

PENCILS IN

REF	DESCRIPTION
F4798/H	pencil F4797 + holster F4545
F4798/5H	pencil F4797/5 + holster F4545
F4798/HTEF	pencil F4797TEF + 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

ELECTROSURGERY



F4795

DISPOSABLE PENCILS WITH ROCKER-SWITCH CONTROL QUICK REFERENCE GUIDE

REF	CABLE LENGTH	CONNECTOR	Ø	ELECTRODE
F4795	320 cm	Valleylab	2,38 mm	blade F4046
F4795/5	500 cm	Valleylab	2,38 mm	blade F4046
F4795TEF	320 cm	Valleylab	2,38 mm	blade F4046/TEF



F4390

DISPOSABLE PENCILS WITH FOOT CONTROL QUICK REFERENCE GUIDE

REF	CABLE LENGTH	CONNECTOR	Ø	ELECTRODE
F4390	320 cm	universal 3,2 mm	2,38 mm	blade F4046
F4390/5	500 cm	universal 3,2 mm	2,38 mm	blade F4046
F4390/WB	320 cm	universal 3,2 mm	2,38 mm	none
F4390/5WB	500 cm	universal 3,2 mm	2,38 mm	none
F4390/A	320 cm	universal 3,2 mm	2,38 mm	needle F4048
F4390/P	320 cm	universal 3,2 mm	2,38 mm	sphere F4044
F4390/L	320 cm	universal 3,2 mm	2,38 mm	blade F4050
F4390/AL	320 cm	universal 3,2 mm	2,38 mm	needle F4052
F4390/PL	320 cm	universal 3,2 mm	2,38 mm	sphere F4067
F4390/4M	320 cm	4 mm plug	2,38 mm	blade F4046



F4390/4M

PENCILS IN

REF	DESCRIPTION
F4390/H	pencil F4390 + holster F4545
F4390/5H	pencil F4390/5 + holster F4545
F4390/75	pencil F4390 + tip cleaner F7520
F4390/5-75	pencil F4390/5 + tip cleaner F7520
F4390/75H	pencil F4390 + holster F4545 + tip cleaner F7520
F4390/5-75H	pencil F4390/5 + holster F4545 + tip cleaner F7520



F4390/A



F4390/75H

ELECTROSURGERY

Reusable electrosurgical pencils



REUSABLE HAND SWITCH PENCILS					
REF	CABLE LENGTH	CONNECTOR	ELECTRODE	Ø	GUARANTEED STERILIZATIONS
F4141	300 cm	Valleylab	blade F4060	2,38 mm	30
F4141/ERB	300 cm	Erbe 5 mm	blade F4060	2,38 mm	30
F4151	500 cm	Valleylab	blade F4060	2,38 mm	30
F4243	320 cm	Valleylab	blade F4060	2,38 mm	100
F4244	300 cm	Valleylab	blade F4060	2,38 mm	100
F4254	500 cm	Valleylab	blade F4060	2,38 mm	100
F4246	300 cm	Valleylab	blade F4060/4	4,00 mm	100
F4256	500 cm	Valleylab	blade F4060/4	4,00 mm	100

REUSABLE FOOT CONTROL PENCILS					
REF	CABLE LENGTH	CONNECTOR	ELECTRODE	Ø	GUARANTEED STERILIZATIONS
F4814	300 cm	4 mm plug	blade F4060	2,38 mm	100



Accessories

Holster

F4545 Sterile holster for pencils Valleylab



F4545



F4831



F4832



F4833

REUSABLE ADAPTERS FOR HAND SWITCH PENCILS

REF	PENCIL CONNECTOR	ESU CONNECTOR	ESU COMPATIBILITY
F4831	Valleylab	protected 4 mm plug	Berchtold, Martin
F4832	Valleylab	5 mm plug	Erbe ACC/ICC
F4833	Valleylab	4 mm plug	Erbe T series



F4830



F4834



F4835



F4836



F4837



F4838



F4839

REUSABLE ADAPTERS FOR FOOT CONTROL PENCILS

REF	PENCIL CONNECTOR	ESU CONNECTOR	ESU COMPATIBILITY
F4830	4 mm plug	8 mm plug	Bovie, Soxil, Bard, Valleylab Burdick
F4834	4 mm plug	6 mm plug	Alsatom
F4835	3,2 mm plug	8 mm plug	Bovie, Soxil, Bard, Danieli, Ag e Csv, Neomed Valleylab, Burdick, Ems,
F4836	3,2 mm plug	4 mm plug	Martin, Siemens, Erbe, Alsa, Laser
F4837	3,2 mm plug	4 mm plug	Martin, Blendtome, Emc, Acmicron, Erbe, Cobi,
F4838	3,2 mm plug	8 mm plug	Alsatom, EB SS4/MMSB
F4839	3,2 mm plug	10 mm plug	Alsatom

ELECTROSURGERY

ELECTRODES

Disposable electrodes



STAINLESS STEEL

REF	LENGTH	SHAPE
F4044	70 mm	SPHERE Ø 4 mm
F4046	70 mm	BLADE
F4046/S	50 mm (44 mm sleeve)	BLADE
F4048	70 mm	NEEDLE
F4048/S	69 mm (63 mm sleeve)	NEEDLE
F4049	54 mm	SPHERE Ø 2 mm
F4050	153 mm	BLADE
F4050/S	153 mm (147 mm sleeve)	BLADE
F4052	152 mm	NEEDLE
F4052/S	152 mm (146 mm sleeve)	NEEDLE
F4053	100 mm	BLADE
F4067	156 mm	SPHERE Ø 4 mm

STAINLESS STEEL WITH TEFLON COATING

REF	LENGTH	SHAPE
F4044/TEF	70 mm	SPHERE Ø 4 mm
F4046/TEF	70 mm	BLADE
F4046S/TEF	70 mm (65 mm sleeve)	BLADE
F4048/TEF	70 mm	NEEDLE
F4048S/TEF	70 mm (65 mm sleeve)	NEEDLE
F4050/TEF	150 mm	BLADE
F4050S/TEF	150 mm (145 mm sleeve)	BLADE
F4052/TEF	150 mm	NEEDLE
F4053/TEF	100 mm	BLADE
F4053S/TEF	100 mm (95 mm sleeve)	BLADE
F4067/TEF	150 mm	SPHERE Ø 4 mm

STAINLESS STEEL WITH TITANIUM COATING

REF	LENGTH	SHAPE
F4044T	70 mm	SPHERE Ø 4 mm
F4046T	70 mm	BLADE
F4048T	70 mm	NEEDLE
F4050T	153 mm	BLADE
F4052T	152 mm	NEEDLE
F4067T	156 mm	SPHERE Ø 4 mm

TUNGSTEN

REF	LENGTH	SHAPE
F4051/TU108	108 mm (104 mm sleeve)	NEEDLE
F4051/TU75	75 mm (71 mm sleeve)	NEEDLE
F4048/TU	65 mm (61 mm sleeve)	NEEDLE
F4051/TU	55 mm (51 mm sleeve)	NEEDLE
F4051/45TU	55 mm (51 mm sleeve)	NEEDLE 45° angled
F4042/TU	55 mm (51 mm sleeve)	NEEDLE 30° angled
F4047/TU	L 45 mm (41 mm sleeve)	NEEDLE

LOOP TUNGSTEN

REF	LENGTH	LOOP
F4620	10x3 mm	ROUND
F4621	10x5 mm	ROUND
F4622	10x7 mm	ROUND
F4623	10x10 mm	ROUND
F4624	15x10 mm	ROUND
F4625	20x10 mm	ROUND
F4630	10x4 mm	SQUARE
F4631	10x8 mm	SQUARE
F4632	10x10 mm	SQUARE
F4640	30x5 mm	TRAPEZOIDAL
F4641	23x13 mm	REVERSED CURVED
F4642	17x12 mm	TRIANGULAR

Reusable electrodes



STAINLESS STEEL, Ø 2,38 mm shaft

REF	LENGTH	SHAPE
F4045	156 mm	SPHERE Ø 4 mm
F4045/10	156 mm	SPHERE Ø 4 mm, 10° ANGLED
F4045/20	156 mm	SPHERE Ø 4 mm, 20° ANGLED
F4045/30	156 mm	SPHERE Ø 4 mm, 30° ANGLED
F4045/40	156 mm	SPHERE Ø 4 mm, 40° ANGLED
F4053R	100 mm	BLADE
F4060	69 mm	BLADE
F4061	100 mm	ROUND NEEDLE, 20° ANGLED
F4062	150 mm	CURVED BLADE
F4063	152 mm	NEEDLE Ø 0,78 mm
F4064	150 mm	SPHERE Ø 2,5 mm
F4065	153 mm	BLADE
F4066	152 mm	NEEDLE Ø 1,30 mm
F4068	70 mm	SPHERE Ø 4 mm
F4084	69 mm	NEEDLE Ø 0,75 mm
F4086	69 mm	NEEDLE Ø 1,30 mm

STAINLESS STEEL, Ø 4 mm shaft

REF	LENGTH	SHAPE
F4060/4	55 mm	BLADE
F4065/4	160 mm	BLADE
F4068/4	50 mm	SPHERE Ø 4 mm
F4084/4	55 mm	NEEDLE Ø 0,8 mm



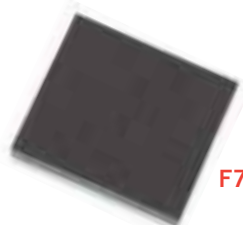
Extensions

Disposable

F4902	L 102 mm
F4903	L 150 mm
F4904	L 182 mm

Reusable

F4952	L 102 mm
F4953	L 150 mm
F4954	L 182 mm



F7520

Tip cleaner

F7520	Disposable radiopaque abrasive sterile pad, 50x50 mm
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GROUNDING PADS



F7805W/6.3

F7805

F7820W/V

F7820

ADULT						
REF	DIMENSIONS	BAKING	ACTIVE SURFACE	REM/not REM	CABLE	CONNECTION
F7805	202x101 mm	FOAM	132 cm ²	Not REM	No	Tab Connection
F7805W/V	202x101 mm	FOAM	132 cm ²	Not REM	Yes 300 cm	Valleylab connector
F7805W/6.3	202x101 mm	FOAM	132 cm ²	Not REM	Yes 300 cm	Ø 6.3 mm bipolar connector
F7820	202x101 mm	FOAM	118 cm ²	REM	No	Tab Connection
F7820W/V	202x101 mm	FOAM	118 cm ²	REM	Yes 300 cm	Valleylab connector
F7820W/6.3	202x101 mm	FOAM	118 cm ²	REM	Yes 300 cm	Ø 6.3 mm bipolar connector



F7805PW/V

F7805P

F7820P

PAEDIATRIC						
REF	DIMENSIONS	BAKING	ACTIVE SURFACE	REM/not REM	CABLE	CONNECTION
F7805P	148x90 mm	FOAM	78 cm ²	Not REM	No	Tab Connection
F7805PW/V	148x90 mm	FOAM	78 cm ²	Not REM	Yes 300 cm	Valleylab connector
F7805PW/6.3	148x90 mm	FOAM	78 cm ²	Not REM	Yes 300 cm	Ø 6.3 mm bipolar connector
F7820P	148x90 mm	FOAM	72 cm ²	REM	No	Tab Connection
F7805PW/V	148x90 mm	FOAM	72 cm ²	REM	Yes 300 cm	Valleylab connector

ELECTROSURGERY

NEONATAL

REF	DIMENSIONS	BAKING	ACTIVE SURFACE	REM/not REM	CABLE	CONNECTION
F7805N	88x74 mm	FOAM	36 cm ²	Not REM	No	Tab Connection
F7820N	88x74 mm	FOAM	33 cm ²	REM	No	Tab Connection
F7820NW/V	88x74 mm	FOAM	33 cm ²	REM	Yes 300 cm	Valleylab connector



F7820N



F7805N



F7820NW/V

VERSATILE

REF	DIMENSIONS	BAKING	ACTIVE SURFACE	REM/not REM	CABLE	CONNECTION
F7305	164x117 mm	FOAM	114 cm ²	Not REM	No	Tab Connection
F7305W/V	150x108 mm	FOAM	114 cm ²	Not REM	Yes 300 cm	Valleylab connector
F7320	164x117 mm	FOAM	107 cm ²	REM	No	Tab Connection
F7320W/V	150x108 mm	NOT WOVEN	107 cm ²	REM	Yes 300 cm	Valleylab connector



F7305W/V



F7305



F7320

ELECTROSURGERY



F7902

F7903

CABLES FOR DISPOSABLE GROUNDING PADS

REF	CONNECTOR	LENGTH
F7902	Universal 6.3 mm mono Jack	500 cm
F7902/4	4 mm plug	500 cm
F7902/24	Double 4 mm plug	500 cm
F7903	Valleylab type (ESU with REM)	500 cm
F7903/F	Valleylab type (ESU without REM)	500 cm
F7904	Special 6.3 mm mono Jack for ERBE: ACC, ICC, VIO, T	500 cm

F4828

F4829



REUSABLE ADAPTERS FOR DISPOSABLE GROUNDING PADS

REF	CONNECTOR
F4828	From Valleylab to 4 mm plug
F4829	From Valleylab to 6.3 mm plug



F7930

Reusable grounding pads

REUSABLE ADULT GROUNDING PADS

REF	DIMENSIONS	BAKING	ACTIVE SURFACE	REM/not REM	CABLE	CONNECTION
F7915	200X150 mm	Silicone	266 cm ²	Not REM	No	4mm socket
F7930	200X150 mm	Silicone	250 cm ²	REM	No	4mm socket

6,3 mm MONO JACK



4 mm PLUG



DOUBLE 4 mm PLUG



VALLEYLAB TYPE (with REM)



VALLEYLAB TYPE (without REM)



F7922

CABLES FOR REUSABLE GROUNDING PADSCE GUIDE

REF	CONNECTOR	LENGTH
F7922	Universal 6.3 mm mono Jack	500 cm
F7922/WB	Universal 6.3 mm mono Jack without derivation box	500 cm
F7922/4	4 mm plug	500 cm
F7922/24	Double 4 mm plug	500 cm
F7923	Valleylab type (ESU with REM)	500 cm
F7923/F	Valleylab type (ESU without REM)	500 cm
F7924	Special 6.3 mm mono Jack for ERBE: ACC, ICC, VIO, T	500 cm

ELECTROSURGERY

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.

Disposable electrocauteries



DISPOSABLE ELECTROCAUTERIES - QUICK REFERENCE GUIDE

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
SERIES	HTC				MTC	LTC	

HIGH TEMPERATURE
CAUTERY

MED. TEMPERATURE
CAUTERY

LOW TEMPERATURE
CAUTERY



LARGE TIP



FINE TIP



THICK TIP



ULTRA FINE TIP

Reusable electrocauteries



REUSABLE ELECTROCAUTERIES - QUICK REFERENCE GUIDE						
REF	F7297	F7298F	F7299	F7298F	7298L	F7298FG
TIP SHAPE	--	LARGE	--	FINE	FINE	FINE
TIP LENGTH (mm)	12	3	18	3	3	12
TEMPERATURE AT THE ACTIVATION (°C / °F)	60/1100	--	1200 / 2200	--	--	--
POWER SUPPLY (V)	1,5	--	3,0	--	--	--
DIAMETER (MM)	16	--	16	--	--	--
WEIGHT (GR)	48	2	65	2	2	8
SERIES	HTC			LTC		

HIGH TEMPERATURE
CAUTERY AND TIP

LOW TEMPERATURE
CAUTERY AND TIP



NERVE LOCATOR

Neuropacer

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



CARDIAC STIMULATION

CARDIAC SURGERY

“Hearthwires Myopace”

Myopace myocardial electrodes are intended for temporary pacing after cardiac surgery. They are sterile, disposable, latex-free, unipolar, bipolar or quadripolar and they consist of a multi-stranded insulated wire (blue or white colour) whose ends are fixed to the thorax needle and heart needle. The range of electrodes offers several solutions distinguished by the shape of the fixing surface. For both adult and paediatric versions. The stimulating surface may be tines, straight, zig-zag, hook or loop.

straight with tines



straight



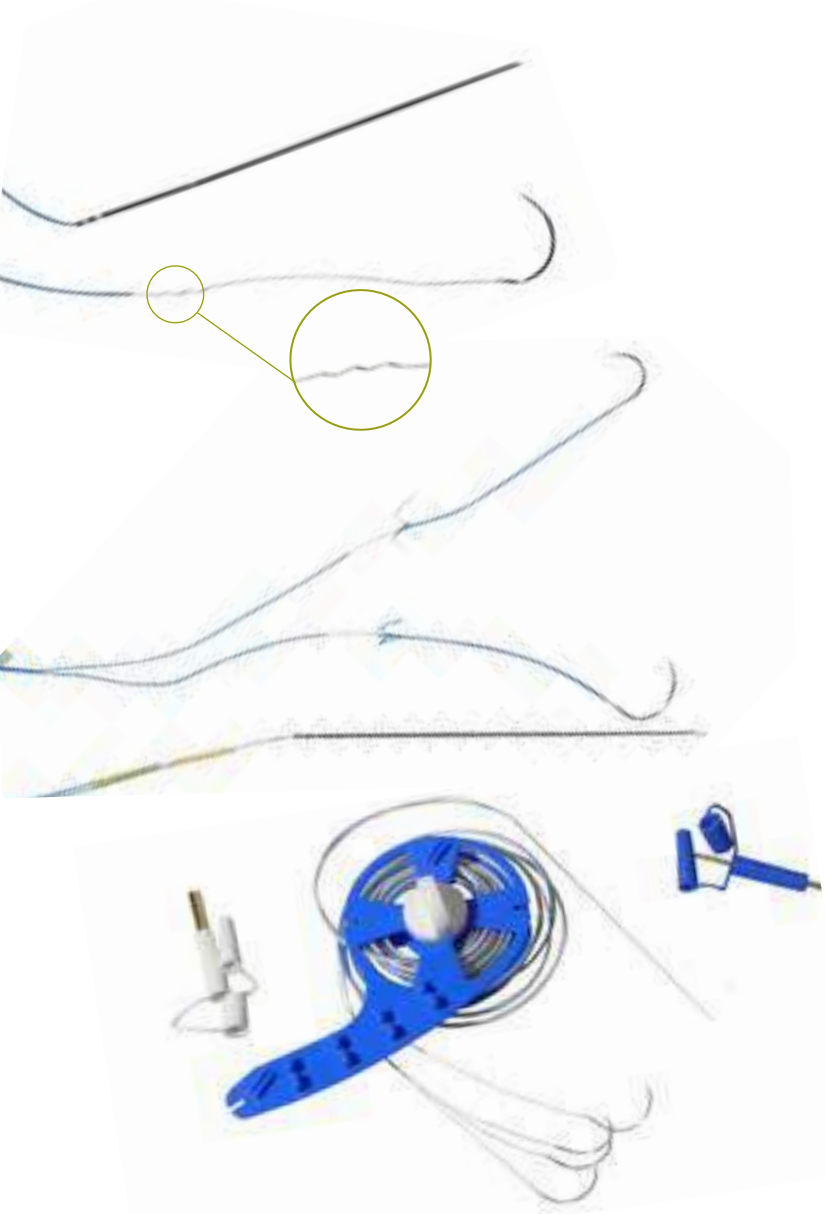
Zig-zag



hook



Loop



Unipolar heartwires

For unipolar models the connection to the stimulator is carried by the pre-cut thorax needle; unipolar heartwires can be provided in white or blue wire.

Bipolar heartwires

Bipolar models are connected to the stimulator by two plugs (Ø 1 mm, 22 mm long) with PVC protective caps. Bipolar heartwires can be provided in white or blue wire.

Quadripolar heartwires

Quadripolar models are connected to the stimulator by four plugs (Ø 1 mm, 22 mm long) with PVC protective caps. Quadripolar models are intended for adult patients and are wrapped on a spool in order for an easier use.

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.

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
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
TL = loop
TV = hook or V shaped
TZ = zig zag
TINL = 2 tines + 2 loops
TINV = 2 tines + 2 hooks

Adult/ paediatric
<empty> = adult
P = paediatric
TINV = 2 tines + 2 hooks

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

Example giving...

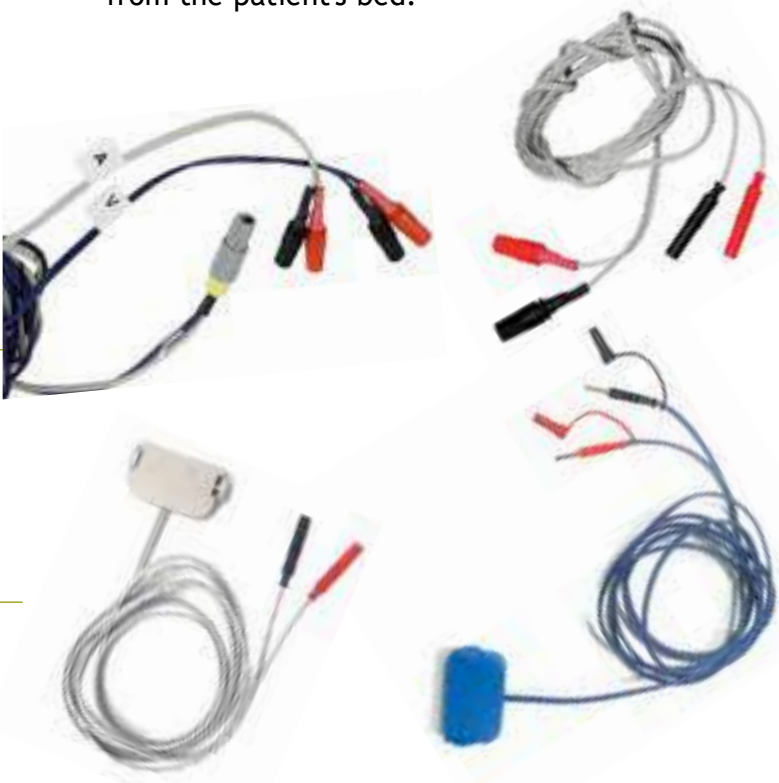
Ref 50060WTINM - Myopace, unipolar, 60 cm (for adults), white, straight with tines, with adaptor

CARDIAC STIMULATION

HEARTWIRE EXTENSION CABLES

Bipolar disposable extension cables

Disposable bipolar extension cables for temporary cardiac pacing. The extension cables can be connected to every intravenous leads or epimyocardial wire. Cables are supplied in a STERILE packaging for a safe and immediate use. The length of the cable allows to place the temporary pacemaker away from the patient's bed.



F7818/LC series

- F7818/30LC Touch proof 2 mm shrouded plugs (grey cable)
- F7818/33LC 2 mm plugs with protective caps (grey cable)
- F7818/MEDLC Pace Medical Redel Connector (grey cable)
- F7818/4BIOLC Biotronic * Redel connector for dual chamber PM with 4 screw sockets (grey cable)
- F7818/BIOLC Biotronic Redel connector (grey cable)
- F7818/OSYLC Osypka connector

Available also in **blue** colour

F7819 series

Terminal box with 2 mm screw side socket

- F7819/30 Touch proof 2 mm shrouded plugs, grey box
- F7819/33 2 mm plugs with protective caps, grey box
- F7819/MED Medtronic * type connector, grey box
- F7819/BIO Biotronic * Redel connector, grey box

Available also in **blue** colour

Bipolar reusable extension cables

F7816 series

Terminal box with 2 mm screw side socket. EtO gas and steam sterilization.

- F7816/MED Medtronic * type connector, grey box
- F7816/RED Pace Medical Redel connector, grey box
- F7816/BIO Biotronic * Redel connector, grey box
- F7816/30 Touch proof 2 mm shrouded plugs, grey box
- F7816/33 2 mm plugs with protective caps, grey box

Available also in **blue** colour

F7818 series

Terminal box with 2 mm screw socket. EtO or gas plasma sterilization.

- F7818/30 Touch proof 2 mm shrouded plugs
- F7818/33 2 mm plugs with protective caps
- F7818/MED Medtronic * type connector

* 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.

2 mm plugs



Medtronic type



2 mm plugs with protective caps



Biotronic type



Osipka



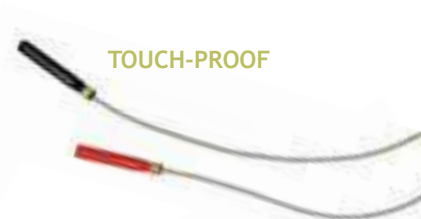
CARDIAC STIMULATION

TEMPORARY PACING

Leads with fixed curvature for temporary cardiac stimulation, with a particular attention to the choice of materials along with accuracy in manufacture.

The range of intravenous temporary pacing leads are made up of two families:

- SPIKE LC S: for temporary pacing and EP studies
- SPIKE FLOW: Balloon lead for temporary emergency pacing



TOUCH-PROOF



COURNAND



HIS



JOSEPHSON



CORONARY SINUS



DAMATO



4427 EASYPACE
Single chamber external pacemaker

PACING MODE	VVI, VOO, VOOx4, AAI, AOO, AOOx4, decreasing ramp
RATE	30÷180 (720) ppm
PACING PERIOD	2000÷333 (83) ms
PULSE DURATION	1.4 ms
PULSE AMPLITUDE	0.2÷40 mA
MAXIMUM SENSITIVITY	0.75 mV

SPIKE LCS TECHNICAL FEATURES

BODY	not braided shaft, Pebax		
ELECTRODES	AISI Stainless Steel		
POLES	2	4	
INTER ELECTRODES DISTANCE	2; 5; 10 mm	2; 2-5-2; 5; 10 mm	
CURVE	Courmand; Josephson, Damato, Straight		
WORKING LENGTH	90 cm	125 cm	125 cm
SECTIONS	4F	5F	6F
CONNECTION	touch proof gold plated 2 mm plugs		

SPIKE LCS REFERENCE KEY

Ref. 5 2 = 2
4 = 4 Poles 1 = straight
2 = courmand
3 = josephson
4 = damato Curve 2 = 2
5 = 2-5-2
6 = 5
0 = 10 Inter-electrode distance (mm) 4 = 4F
5 = 5F
6 = 6F Diameter **S**

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

SPIKE LCS

Temporary leads with not braided shaft

SPIKE LC S bipolar and quadripolar leads can be supplied in 4, 5 and 6F diameter; they have been designed to satisfy every specific requirement and they grant a very high flexibility; The 4F lead has a 90 cm working length, therefore it is particularly intended for paediatric use.

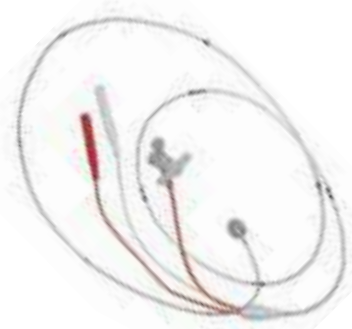
SPIKE FLOW

Temporary leads with not braided shaft

Particularly intended for Emergency Therapy. After the introduction in the vein, the balloon is blown up and the SPIKE FLOW is carried by the blood flow towards the right ventricle.

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



CARDIAC STIMULATION

ELECTROFISIOLOGY

Diagnostic leads with fixed curvature for temporary cardiac stimulation and electrophysiology, with a particular attention to the choice of materials along with accuracy in manufacture.

The range of intravenous temporary pacing and diagnostic leads are made up of two families:

- SPIKE ULTRA: Pebax®, braided shaft and soft tip, for EP studies
- SPIKE EASY: Pebax®, braided shaft and tip, for EP study

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	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

Diagnostic leads with braided shaft (and soft tip)

Spike ULTRA has unique characteristics that make it a diagnostic lead particularly indicated for EP studies. The body is in braided Pebax® and tip is not braided.



SPIKE EASY

Diagnostic leads with braided shaft

SPIKE EASY are designed to maximize the maneuverability and control of the lead. The body is in braided Pebax® for the entire length



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	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
7 = EASY LC
8 or 9 = EASY



Poles
2 = 2
4 = 4
6 = 6
0 = 10



Curve
1 = straight
2 = cournand
3 = josephson
4 = damato
5 = coronary sinus
6 = HIS



Inter-electrode distance (mm)
2 = 2
5 = 2-5-2
6 = 5
8 = 2-8-2
0 = 10



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



Connection
<empty> = touch-proof
R = redel

BR*

Example giving...

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

**only for Spike Easy*



F5406 series

Multipolar reusable extension cables REDEL connector

- F5406/4REDS** 4 poles, 150 cm cable
- F5406/6REDS** 6 poles, 150 cm cable
- F5406/10REDS** 10 poles, 150 cm cable

CARDIAC STIMULATION

EXTENSION CABLE

Threshold cable

Cables intended for pacing and sensing thresholds test, are equipped with alligators at one side while at the opposite side different connectors are available.

Touch proof
2 mm plugs



1,5 DIN Sockets



Medtronic type



4 mm sockets



2 mm plugs with
protective caps



2 mm elastic plugs
with protective caps



F783X series

Cables with several connectors

- F7830S Touch proof 2 mm plug, 200 cm grey cable
- F7830DIN 1,5 DIN socket, 200 cm grey cable
- F7830/MED Medtronic type connector, 200 cm grey cable
- F7830/AF 4 mm socket, 200 cm grey cable
- F7831S Touch proof 2 mm plug, 200 cm blue cable
- F7832S Touch proof 2 mm plug, 400 cm grey cable
- F7833 2 mm plug with protective cap, 200 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

F7830W/DEBELLIS IS-1*
IS-1 connector at one side
and two alligators on the other side,
25cm lenght grey cable

Available also in *blue* colour



F7840 series

Cable for Medtronic Programmer 2090

F7840/MEDT is an interface cable which allows the Medtronic Programmer 2090 to be used with sterile threshold cables terminating with touch proof connectors as F7830S FIAB.

- F7840/MEDT 2 mm socket, L 150 cm
- F7840/4/MEDT 2 mm socket, L 400 cm



Estension cable

Bipolar extension cables F7817 for pacing leads are available both in disposable and reusable version.

F7817 series

Bipolar reusable extension cables with 2mm touch proof socket

- F7817/30 double touch proof 2 mm shrouded plug
- F7817/33 double 2 mm plug with protective cup
- F7817/33E double 2 mm spring plug with protective cup
- F7817/BIO double 4 mm socket
- F7817/MED Medtronic type connector



F7817/XXLC series

Bipolar disposable extension cables

- F7817/30LC double touch proof 2 mm shrouded plug
- F7817/33LC double 2 mm plug with protective cap
- F7817/MEDLC Medtronic type connector



PG922 series

Touch proof adapters for bipolar cables

Not Sterile

- PG922/2TP2WG 2 pieces, red+black
- PG922/2TP4WG 4 pieces, red+black+2 grey
- PG922/2TPVR 2 mm plug with fixing screw, red
- PG922/2TPVN 2 mm plug with fixing screw, black

Sterile

- PG922/2TPS2 2 pieces, red+black
- PG922/2TPS4 4 pieces, red+black+2 grey

Every adapter can connect a touch proof plug with

CARDIAC STIMULATION

INTRODUCERS KIT

Peel Away Introducers

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



F47XXX series

Dilatator lenght 17cm

With 0,038" guide wire

F47505	5F	F47511	11F
F47506	6	F47512	12F
F47507	7F	F47513	13F
F47508	8F	F47514	14F
F47509	9F	F47515	15F
F47609	9,5F	F47516	16F
F47510	10F	F47517	17F
F47610	10,5F	F47518	18F

Available also in the following features

F47XXX.35 series

With 0,035" guide wire

F475XXL/23 series

XL introducers- Dilatator lenght 23 cm

F475XXL/33 series

XL introducers- Dilatator lenght 33 cm

F47XX/3x series

Standard Dilatator

+ threshold cable (F7830S or F7833S)

Kit include:

- Peel away sheet
- Dilatator
- Syringe
- Introducer needle 19G
- 0.038" guide wire

Hemostasis valve introducers

The hemostasis valve introduction kit facilitates the introduction of catheters into the vascular system, blood sampling and injection of fluids, and it is also able to prevent blood loss thanks to the presence of the hemostatic valve.



Kit include:

- Hemostasis Sheet
- Dilatator
- Sideport with 3 ways stopcock
- 0.038" guidewire

F477XXV series

Hemostasis valve introduction kit

With 0,038" guide wire

F47705V	5F
F47706V	6F
F47707V	7F
F47708V	8F
F47709V	9F

Also available With 0,038" guidewire

Each kit can also be supplied :

- with a needle included; just in case please add "K" to the ref (e.g. F47704VK)
- with a needle and a syringe included; just in case please add "SK" to the ref (e.g. F47707VSK)

CARDIAC STIMULATION

TRANSESOPHAGEAL DIAGNOSTIC AND PACING

Adult Esophageal leads with olive shaped electrodes

FIAB is a worldwide manufacturer leader of transesophageal cardiac pacing and recording leads, characterized by a high technology manufacturing and unique advantages.

All electrodes are supplied with a non-traumatic silicone tip for easy introduction through the nose.



2007

Asynchronous Esophageal cardiac stimulator

ESOFLEX S series

Esophageal leads with olive shaped electrodes and depth marks

	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 DIAMETER	2,3 mm - 7 French						
DISTANCE BETWEEN ELECTRODES	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						

ESOLO series

Esophageal leads with olive shaped electrodes

	ESOLO 2	ESOLO 4	ESOLO 6
REF	25125LO	25145LO	25165LO
N° POLES	2	4	6
TIP	non-traumatic SILICONE / length 7,3 mm / Ø 2,3 mm		
ELECTRODE MATERIAL	STAINLESS STEEL		
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		

CARDIAC STIMULATION

Adult Esophageal leads



ESOGOLD S series

Esophageal leads
with olive shaped electrodes and
depth marks

	ESOGOLD 2S	ESOGOLD 3S	ESOGOLD 4S	ESOGOLD 5S	ESOGOLD 6S
REF	27125S	27135S	27145S	27155S	27165S
N° POLES	2	3	4	5	6
TIP	non traumatic SILICONE / length 7,3 mm / Ø 2,3 mm				
ELECTRODE MATERIAL	GOLD PLATED BRASS				
INSULATION 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				



ESOSOFT S series

Silicone Esophageal leads

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
TIP	non-traumatic SILICONE / length 7,3 mm / Ø 3,0 mm				
ELECTRODE MATERIAL	STAINLESS STEEL				
INSULATION MATERIAL	medical grade SILICONE - Internal quadrifilar coil MP35N				
INSULATION 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				

Paediatric Esophageal leads

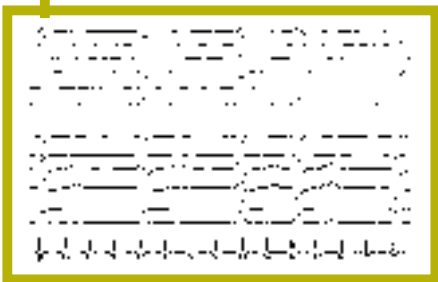


ESOKID S series

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



30104 Rostock
Filter for recording
Atrial signals
with an ECG monitor



ESO

GEL AND CREAMS

GEL FOR ECG



G004



G005

- G004 ECG spray gel, 230 ml bottle
- G005 ECG liquid gel, 260 ml bottle

GEL FOR ULTRASOUND AND IPL



G006



G007

Ultrasound

- G006 liquid gel, 260 ml bottle
- G007 liquid gel, 1000 ml bottle
- G0064 liquid gel, 5000 ml flexible bag, 260ml refilling bottle
- G0066 liquid gel, 5000 ml jerry can, 260ml refilling bottle



G0064



G0066

GEL AND CREAMS



G002



G008



G010



G009



G0084



G0068



G0067



G0069

Dispensers

- G0067 Reusable dispenser for 5000 ml jerry can
- G0068 Reusable dispenser for 5000 ml flexible bag
- G0069 Reusable dispenser for 1000 ml bottle

CREAM FOR RADIOFREQUENCY



G016



G017

- G016 RF cream, 1000 ml bottle
- G017 RF cream, 5000 ml flexible bag

F897X - Bridge electrodes

F8973 Sintered Ag/AgCl, for adults, 2 mm socket

Accessories for bridge electrodes

F8973/4KIT Replacement kit, for adults (*)
F8973/4PKIT Replacement kit, paediatric (*)
F8901/1 Connecting cable, L=100 cm, from alligator to 2 mm male TP
F8901/2 Connecting cable, L=100 cm, from alligator to 1,5 mm female TP
F8901/3 Connecting cable, L=100 cm, from 2 mm spring plug to 1,5 mm female TP

(*) Each kit is made up of 1 cone, 100 cotton covers and 100 rubber rings



EMG CONCENTRIC NEEDLES

F8990 - Concentric disposable electrodes, stainless steel/titanium

F8990/25-35 L=25 mm, D=0,35 mm, dark grey
F8990/30-35 L=30 mm, D=0,35 mm, white
F8990/25 L=25 mm, D=0,45 mm, black
F8990/30 L=30 mm, D=0,45 mm, green
F8990/37 L=37 mm, D=0,45 mm, blue
F8990/40 L=40 mm, D=0,45 mm, red
F8990/45 L=45 mm, D=0,45 mm, yellow
F8990/50 L=50 mm, D=0,45 mm, light grey
F8990/65 L=65 mm, D=0,55 mm, ivory

8995 - Connecting cables for F8990 and F8990PD electrodes

F8995/NI L=100, 5 poles DIN connector (1)
F8995/MM L=100, 3 poles microconnector (2)
F8995/EN L=100, 5 poles DIN connector (3)

(1) Compatible EMG devices: NIHON KOHDEN (all models) EBNEURO (Myto), NATUS (Keypoint), CADWELL (all models), CAREFUSION (Medelec, Sinergy, Nicolet, Viking) MICROMED (all other models)

(2) Compatible EMG devices: MICROMED (all models with ISA Headbox),

(3) Compatible EMG devices: EBNEURO (Myto 2, Nemus, Nemus 2)"



CREAMS AND GEL



G011 EEG gel, 260 ml
G012 Abrasive paste for EEG, EP, EMG, 260 ml
G014 Adhesive and conductive paste for EEG, EP, EMG, 500 ml

EEG CUP ELECTRODES



F8911/LCS



F8911/GO

Reusable SSC (Ag/AgCl) electrodes

- F8911/SS Ag/AgCl, D=10 mm, die-cast cup, 150 cm wire, 1,5 mm DIN socket
- F8911/LCS Ag/AgCl, D=10 mm, heat sealed cup, 150 cm wire, 1,5 mm DIN socket
- F8911P/LCS Ag/AgCl, D=6 mm, heat sealed cup, 150 cm wire, 1,5 mm DIN socket

Reusable gold-plated electrodes

- F8911/GO Ag/Au, D=10 mm, L=150 mm, 1,5 mm DIN socket, die-cast wire
- F8911/LCG Ag/Au, D=10 mm, L=150 mm, 1,5 mm DIN socket, heat sealed wire

ATTENTION

Models with die-cast wires are supplied with blue, green, yellow, red and black wires (5 different colours inside each pouch). Models with heat sealed wires have a grey wire instead of blue one

EEG/EMG ACCESSORIES

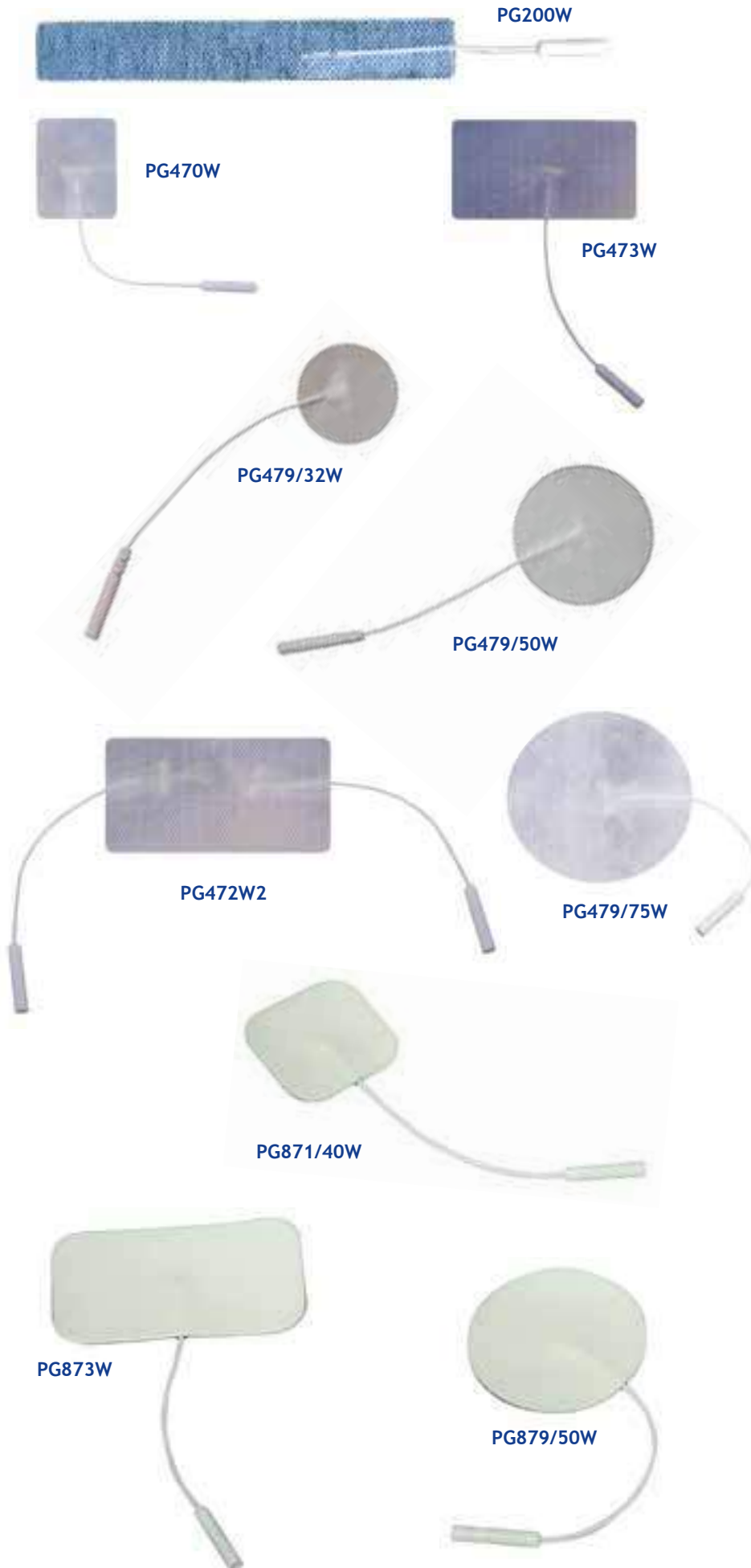


F9059 - Pregelled disposable surface electrodes

- F9059/1 15x20 mm (oval), 8 cm wire (white), Ag/AgCl, 1 mm plug
- F9059/07 15x20 mm (oval), 8 cm wire (white), Ag/AgCl, 0,7 mm plug
- F9059/D 15x20 mm (oval), 8 cm wire (white), Ag/AgCl, 1,5 mm DIN socket
- F9059N 23x30 mm (oval), 50 cm wire (black, red, yellow), Ag/AgCl, 1,5 mm DIN socket
- F9059N/60 23x30 mm (oval), 50 cm wire (black, red, yellow), Ag/AgCl, 1,5 mm DIN socket
- F9059N/120 23x30 mm (oval), 50 cm wire (black, red, yellow), Ag/AgCl, 1,5 mm DIN socket

ELECTROSTIMULATION

FULLY GELLED ELECTRODES

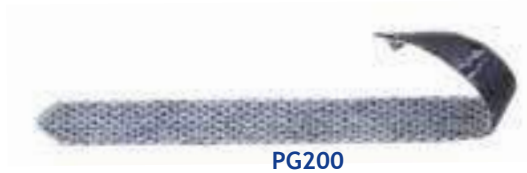
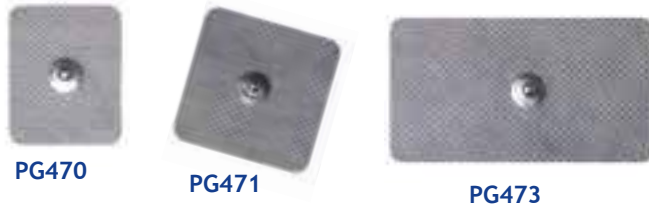


ELECTRODES WITH WIRE AND 2MM SOCKET	
NON WOVEN	
CODE	DIMENSIONS
PG470W	35 X 45 mm
PG471W	46 x 47 mm
PG471/40W	40 X 40 mm
PG471/50W	50 x 50 mm
PG471/63W	63 x 63 mm
PG472W	53 x 96 mm
PG472W2	53 x 96 mm - two wire
PG472/90W	50 x 96 mm
PG473W	45 x 80 mm
PG473W2	45 x 80 mm - two wire
PG474W	45 X 98 mm
PG475W	65 X 45 mm
PG476W	45 x 150 mm
PG477W	75 x 140 mm
PG479/32W	Ø 32mm
PG479/50W	Ø 50 mm
PG479/75W	Ø 75 mm
PG200W	20 x 145 mm

ELECTRODES WITH WIRE AND 2MM SOCKET	
NON WOVEN - CHLORINATED CONDUCTIVE CLOTH	
CODE	DIMENSIONS
PG771/50W	50 x 50 mm
PG772/90W	50 x 90 mm
PG772/90W2	50 x 90 mm - two wire
PG774W	45 X 98 mm
PG479/75W	Ø 75 mm
PG200W	20 x 145 mm

ELECTRODES WITH WIRE AND 2MM SOCKET	
FOAM	
CODE	DIMENSIONS
PG871/40W	40 x 40 mm
PG871/50W	50 x 50 mm
PG873W	45 X 80 mm
PG873W2	45 X 80 mm - two wire
PG874W	45 x 98 mm
PG890W	40 x 90 mm
PG879/32W	Ø 32mm
PG879/50W	Ø 50 mm
PG479/75W	Ø 75 mm
PG200W	20 x 145 mm

ELECTROSTIMULATION



SNAP ELECTRODES

NON WOVEN

CODE	DIMENSIONS
PG470	35 X 45 mm
PG471	46 x 47 mm
PG471/63	63 x 63 mm
PG471/40	40 X 40 mm
PG471/50	50 x 50 mm
PG472	53 x 96 mm
PG472/90	50 x 90 mm
PG473	45 x 80 mm
PG473/2	45 x 80 mm - two snaps
PG474	45 X 98 mm
PG475	65 X 45 mm
PG476	45 x 150 mm
PG477	75 x 140 mm
PG490	40 X 90 mm
PG479/32	Ø 32mm
PG479/50	Ø 50 mm
PG479/75	Ø 75 mm

SNAP ELECTRODES

NON WOVEN - CHLORINATED CONDUCTIVE CLOTH

CODE	DIMENSIONS
PG771/50	50 x 50 mm
PG772/90	50 x 90 mm
PG772/902	50 x 90 mm - two snaps
PG774	45 X 98 mm
PG479/75W	Ø 75 mm
PG200W	20 x 145 mm

SNAP ELECTRODES

FOAM

CODE	DIMENSIONS
PG871/50	50 x 50 mm
PG873	45 X 80 mm
PG879/75	Ø 75 mm
PG10C	Ø 26 mm
PG20	28 x 68 mm - two snaps
F3010	21 x 41 mm - two snaps

TAB ELECTRODES

NON WOVEN

CODE	DIMENSIONS
PG470L	35 X 45 mm
PG471L	46 x 47 mm
PG473L	45 x 80 mm
PG474L	45 X 98 mm
PG475L	45 x 65 mm
PG476L	45 x 150 mm
PG200	10 X 155 mm
PG200/20	20 x 155 mm
PG100	65 x 100 mm

TAB ELECTRODES

SPECIAL METALLIC

CODE	DIMENSIONS
PG500	26 X 36 mm
F3001NECG	13 X 34 mm

ELECTROSTIMULATION

REUSABLE ELECTRODES

*Conductive silicone
reusable electrodes*

PG970/44



PG980/44



PG950/4



PG916/2



PG970/51R



PG925/2



PG960/75



PG970/2
(with holding bag)



PG960/95



CONDUCTIVE SILICONE REUSABLE ELECTRODES - QUICK REFERENCE GUIDE

SIZE	WITHOUT CABLE					WITH 15 CM CABLE	
	2 mm SOCKET	4 mm SOCKET	2 mm PLUG	4 mm PLUG	SSC SNAP	4 mm PLUG	4 mm SOCKET
50 x 50 mm	PG970/2	PG970/4	PG970/22	PG970/44	\	PG970/41	PG970/51
60 x 85 mm	PG980/2	PG980/4	PG980/22	PG980/44	\	PG980/41	PG980/51
50 x 100 mm	PG916/2	PG916/4	PG916/22	PG916/44	\	PG916/41	PG916/51
80 x 120 mm	PG912/2	PG912/4	PG912/22	PG912/44	\	PG912/41	PG912/51
120 x 160 mm	\	PG917/4	\	PG917/44	\	PG917/41	PG917/51
Ø 25 mm	PG925/2	PG925/4	PG925/22	PG925/44	PG925C	\	\
Ø 50 mm	PG950/2	PG950/4	PG950/22	PG950/44	\	\	\
Ø 55 mm	PG960/55 (*)	\	\	\	\	\	\
Ø 75 mm	PG960/75 (*)	\	\	\	\	\	\
Ø 95 mm	PG960/95 (*)	\	\	\	\	\	\

ELECTROSTIMULATION



PG971/35G



PG971/40G

ADHESIVE ELECTRODE			
WITHOUT GEL			
CODE	DIMENSIONS	CABLE	CONNECTION
PG971/35W	35 x 45 mm	YES	protected 2 mm socket
PG971/40W	40 x 40 mm	YES	protected 2 mm socket
PG971/45W	40 x 45 mm	YES	protected 2 mm socket
PG971/2W	46 x 50 mm	YES	protected 2 mm socket
PG971/2	46 x 50 mm	NO	2 mm socket
WITH GEL			
CODE	DIMENSIONS	CABLE	CONNECTION
PG971/35G	35 x 45 mm	NO	2 mm socket
PG971/40G	40 x 40 mm	NO	2 mm socket
PG971/50G	50 x 50 mm	NO	2 mm socket
PG971/35GW	35 x 45 mm	YES	protected 2 mm socket
PG971/40GW	40 x 40 mm	YES	protected 2 mm socket
PG971/50GW	50 x 50 mm	YES	protected 2 mm socket



PG271/35



PG271/50

GEL PADS	
CODE	DIMENSIONS
PG271/35	35 X 45 mm
PG271/40	40 X 40 mm
PG271/50	50 X 50 mm
PG271C/45	Ø 45 mm
PG271C/65	Ø 65 mm



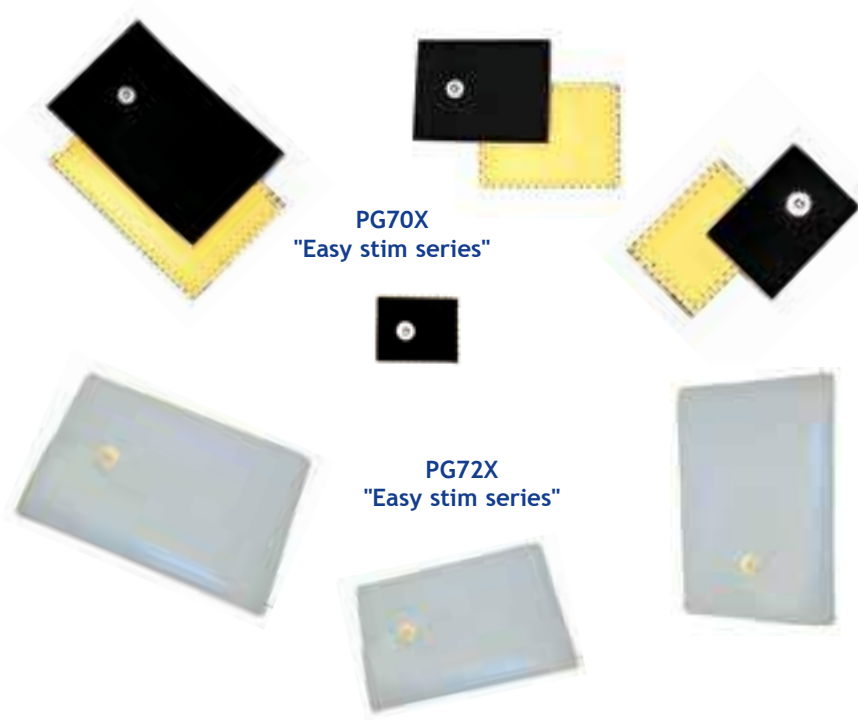
PG907



PG907/55

CONDUCTIVE ADHESIVE GEL MEMBRANE		
CODE	WIDTH	THICKNESS
PG907	228 mm	0,35 mm
PG907/55	55 mm	0,35 mm

REUSABLE ELECTRODES WITH SYNTHETIC BUCKSKIN SUPPORT



PG70X
"Easy stim series"

PG72X
"Easy stim series"

"EASY STIM" SERIES	
snap connection	
CODE	DIMENSIONS
PG701	35 x 45 mm
PG702	45 x 60 mm
PG703	60 X 80 mm
PG704	80 x 120 mm
PG704/2C	80 x 120 mm - two snaps
PG705	120 x 220 mm
PG706	120 x 160 mm
PG706/2c	120 x 160 mm - two clips
PG707	35 x 90 mm
with insulated external - clip connection	
CODE	DIMENSIONS
PG721	35 x 45 mm
PG722	45 x 60 mm
PG723	60 X 80 mm
PG724	80 x 120 mm
PG725	120 x 120 mm
PG726	120 x 160 mm

REUSABLE BAND ELECTRODES



PG954/50

PG901

PG902

PG931

PG901/2

PG954

PG903/4

ELASTIC BAND		
velcro fastener, double snap connection		
CODE	WIDTH	LENGTH
PG954/35	5 cm	35 cm
PG954/45	5 cm	45 cm
PG954/50	5 cm	50 cm
PG954/65	5 cm	65 cm
PG954/80	5 cm	80 cm
PG954/120	5 cm	120 cm

CONDUCTIVE CLOTH		
velcro fastener, tab connection		
CODE	WIDTH	LENGTH
PG903/4	5 cm	40cm
PG903/6	5 cm	60 cm
PG903/8	5 cm	80 cm
PG903/10	5 cm	100 cm
PG903/914	5 cm	140 cm

BANDS BY THE METER			
silicone		conductive cloth	
CODE	WIDTH	CODE	WIDTH
PG901	50 mm	PG931	50 mm
PG902	25 mm	PG931/60	60 mm
PG901/2	50 mm ^(*)	PG931/80	80 mm
PG906/2	100 mm ^(*)	PG931/99	140 cm

(*) with continuous central 2 mm socket

elastic band	
CODE	WIDTH
PG904	20 mm
PG954	50 mm

ELECTROSTIMULATION

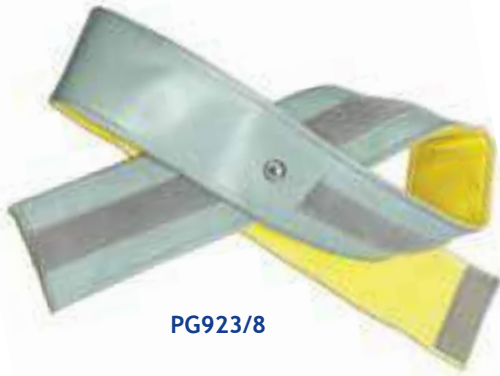
TOP PACE BAND ELECTRODES COUPLED WITH SYNTHETIC BUCKSKIN SPONGE



PG933/6



PG933/8



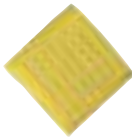
PG923/8

snap connection insulated external surface - velcro fastener		
CODE	WIDTH	LENGTH
PG933/4	5 cm	35 cm
PG933/6	5 cm	45 cm
PG933/8	5 cm	50 cm
PG933/10	5 cm	65 cm
PG933/12	5 cm	80 cm
PG933/14	5 cm	120 cm
PG933/30	5 cm	80 cm
PG933/50	5 cm	80 cm
PG933/70	5 cm	80 cm
PG923/4	5 cm	80 cm
PG923/6	5 cm	80 cm
PG923/8	5 cm	80 cm
PG923/10	5 cm	80 cm
PG923/12	5 cm	80 cm
PG923/14	5 cm	80 cm
PG923/30	5 cm	80 cm
PG923/50	5 cm	80 cm
PG923/70	5 cm	80 cm

HOLDING BAGS



PG916S



PG970S



PG912S



PG970SF



PG916SF



PG912SF



PG970



PG980



PG912



PG926/60/4

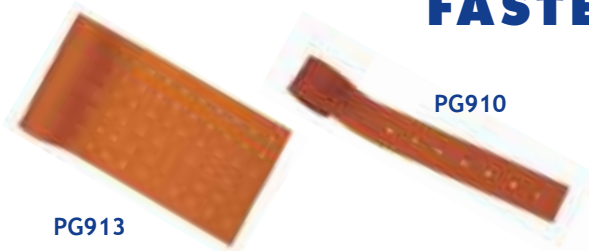


PG926/46/4

HOLDING BAGS	
Spontex	
CODE	DIMENSIONS
PG970S	60 x 75 (electrode 50 x 50 mm)
PG980S	85 x 100 (electrode 60 x 85 mm)
PG916S	75 x 105 (electrode 50 x 100 mm)
PG912S	110 x 140 (electrode 80 x 120 mm)
PG917S	140 x 180 (electrode 120 x 160 mm)
PG913S/99	roll, width 62 cm
synthetic buckskin	
CODE	DIMENSIONS
PG970	60 x 60 (electrode 50 x 50 mm)
PG980	70 x 90 (electrode 60 x 85 mm)
PG916	60 x 105 (electrode 50 x 100 mm)
PG912	105 x 135 (electrode 80 x 120 mm)
PG917	140 x 160 (electrode 120 x 160 mm)
PG913	roll, width 50 cm
PG913/60	roll, width 60 cm
PG913S/99	roll, width 140 cm
hydrocompressed	
CODE	DIMENSIONS
PG926/S1	46 x 71 mm
PG926/S2	58 x 88 mm
PG926/S3	90 x 140 mm
PG926/S4	140 x 190 mm
PG926/99	370 x 710 mm
PG926/40	ø 40
PG926/56	ø 56
PG926/95	ø 95
PG926/46/4	ø 46 - 4 holes
PG926/55/4	ø 55 - 4 holes
PG926/60/4	ø 60 - 4 holes
PG926/95/4	ø 95 - 4 holes

ELECTROSTIMULATION

FASTENING BELTS



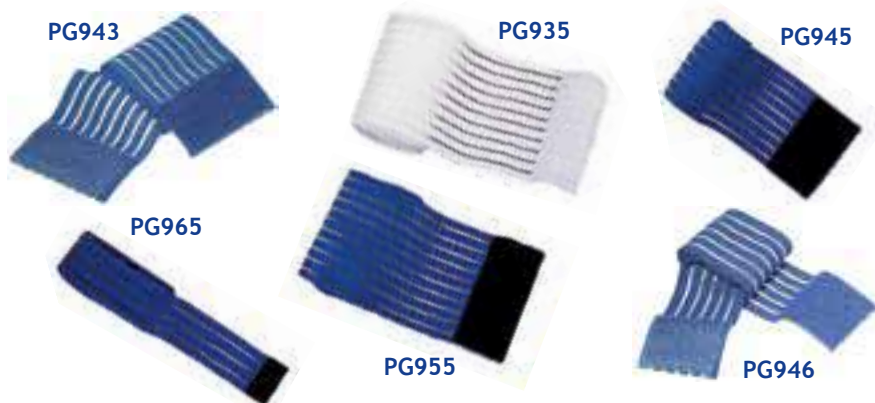
PG913

PG910

PG905/99

FASTENING RUBBER BELTS - QUICK REFERENCE GUIDE

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



Fastening elastic belts

The wide range of fastening elastic belts is represented in the following quick reference guide. Belts are supplied in different widths, lengths, velcro type and colours.



PG977

FASTENING ELASTIC BELTS - QUICK REFERENCE GUIDE

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

ELECTROSTIMULATION

ADAPTERS



Cable adapters

F9019	from 4 mm socket to alligator
F9019/2	from 2 mm socket to alligator
PG922/2T	from 2 mm socket to snap
PG922/4T*	from 4 mm socket to snap
PG922/2M	from snap to 2 mm plug
PG922/4M	from snap to 4 mm plug
PG922/MC	with cable, from male snap to alligator
PG922/2C	with cable, from male snap to 2 mm plug
PG922/24	from 2 mm socket to 4 mm plug
PG922/42*	from 4 mm socket to 2 mm plug

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

PG99X - Adapters for reusable electrodes

PG997	from 2 mm cilindric smooth plug to 2 mm elastic plug
PG998	from 4 mm cilindric smooth plug to 4 mm elastic plug
PG998/4M	from 4 mm elastic plug to 4 mm elastic plug

OUTPUT DOUBLING CABLES



PG365	from male snap to double female snap
PG370	from 2 mm socket to double 2 mm plug
PG371	from 2 mm plug to double 2 mm socket
PG372	from 2 mm plug to double female snap
PG373	from 4 mm socket to double female snap
PG374	from 4 mm socket to double 4 mm plug
PG375	from 4 mm plug to double 4 mm socket

Please add to the ref the colour code "/R" (red) or "/N" (black)

SPECIAL PRODUCTS

Conductive accessories

PG1010-PG1011 - Facial conductive masks complete with Velcro fastening system

- PG1010** Ionophoresis mask, synthetic buckskin, pouches for 50 x 50 mm electrodes
PG1011 Electrostimulation mask, synthetic buckskin and conductive cloth, double snap connection

Grounding electrodes

- PG1020** bipolar (double snap connection)
PG1030 unipolar (single snap connection)

PG1021-PG1031 - Synthetic buckskin insoles

- PG1021** for bipolar conductive slippers
PG1031 for unipolar conductive slippers

PG1040 - Pair of conductive gloves

- PG1040/M** single snap, medium size
PG1040/L single snap, large size
PG1040C2/UNI double snap, one size

PG1050 - Pair of conductive socks

- PG1050/UNI** electrostimulation socks

Grounding electrodes

PG94X/28 - Reusable grounding bracelets

- PG940/28** Anti-static bracelet, snap, length 28 cm
PG941/28 Anti-static bracelet, coupled with synthetic buckskin, snap, length 28 cm
PG942/28 Elastic bracelet, snap, length 28 cm

F9024SSC - Reusable grounding clamp electrode

- F9024SSC** Silver Silver/Chloride sensor, for adults

F7805 - Disposable grounding pads

- F7805** For adults, solid gel, FOAM support, 202x101 mm, tab
F7805P Paediatric, solid gel, FOAM support, 148x90 mm, tab

PG1010

PG1011

PG1030

PG1021

PG1020

PG1040/L

PG1050/UNI

PG940/28

PG941/28

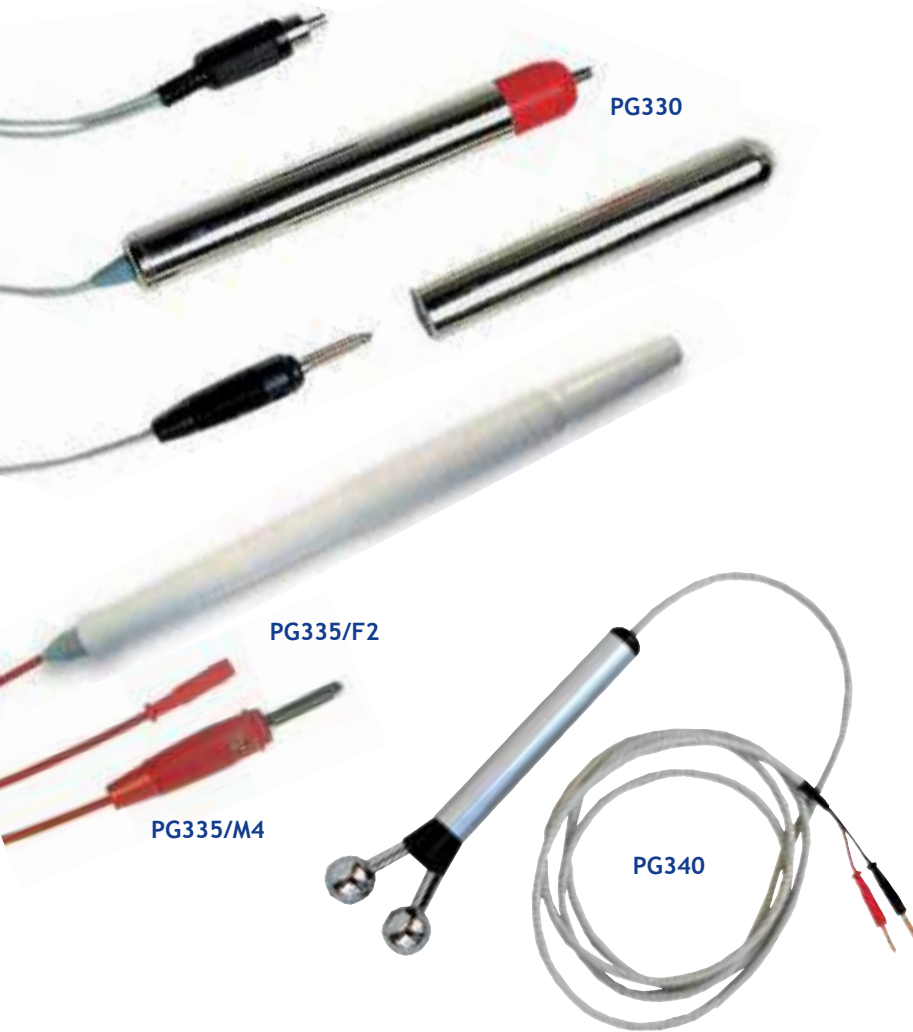
PG942/28

F9024SSC

F7805P

ELECTROSTIMULATION

PROBES



Probes

PG320	internal reference, RCA, 4 Nichel-Brass electrodes included (M4 screw electrode fixing system)
PG330	separate reference, RCA, 4 Nichel-Brass electrodes included (M4 screw electrode fixing system)
PG335	plastic probe, without connector
PG335/F2	plastic probe, 2 mm socket, Stainless-Steel ball electrode included (M4 screw electrode fixing system)
PG335/M4	plastic probe, 4 mm plug, 4 Nichel-Brass electrodes included (M4 screw electrode fixing system)
PG335/26	plastic probe, DC connector (2,6 mm electrode connection)
PG340	internal reference, double 2 mm plug, fixed double sphere electrode
PG342	internal reference, 3,5 mm jack mono, fixed 9 mm electrode
PG342S	internal reference, 3,5 mm jack mono, fixed double 6 mm sphere electrode
PG342RCA	internal reference, RCA, fixed 9 mm electrode
PG342SRCA	internal reference, RCA, fixed double 6 mm sphere electrode



Electrodes

(compatible with PG320, PG330, PG335)

PG321	Nichel-Brass - mushroom
PG322	Nichel-Brass - needle
PG323	Nichel-Brass - long needle
PG324	Nichel-Brass - ball
PG325	Nichel-Brass - roller
PG321/AC	Stainless-Steel - mushroom
PG322/AC	Stainless-Steel - needle
PG323/AC	Stainless-Steel - long needle
PG324/AC	Stainless-Steel - ball
PG325/AC	Stainless-Steel - roller

Spontex sponges

PG321/S	For electrodes PG321 and PG321/AC
PG324/S	For electrodes PG324 and PG324/AC

ELECTROSTIMULATION

CONNECTING CABLES

Unipolar snap cables



F9122Z

UNIPOLAR SNAP CABLES - QUICK REFERENCE GUIDE

CABLE (1)		CONNECTOR				
COLOUR	LENGTH	4 mm SOCKET	2 mm SOCKET	4 mm PLUG	2 mm PLUG	NO CONNECTOR
grey (2)	60 cm	F9022F4XY	F9022F2XY	F9022M4XY	F9022M2XY	F9022ZXY
	150 cm	F9032F4XY	F9032F2XY	F9032M4XY	F9032M2XY	F9032ZXY
	200 cm	F9042F4XY	F9042F2XY	F9042M4XY	F9042M2XY	F9042ZXY
others (3)	60 cm	F9122F4X	F9122F2X	F9122M4X	F9122M2X	F9122ZX
	150 cm	F9132F4X	F9132F2X	F9132M4X	F9132M2X	F9132ZX
	200 cm	F9142F4X	F9142F2X	F9142M4X	F9142M2X	F9142ZX

(1) wire diameter 2 mm

(2) X indicates with the snap colour code: W=white, R=red, V=green, N=black, G=yellow, B=blue, M=brown, I=violet;
Y indicates the other connector colour code: R=red, N=black, W=white

(3) X indicates with the snap colour code (cable and snap colours are the same): GR=grey, R=red, V=green, N=black,
G=yellow, B=blue, M=brown, I=violet

Unipolar cables with connectors

UNIPOLAR CABLES WITH CONNECTORS - QUICK REFERENCE GUIDE

ONE CONNECTOR AT ONE SIDE ONLY

COLOUR	CABLE LENGTH	4 MM SOCKET	4 MM PLUG	2 MM SOCKET	2 MM PLUG
black	100 cm	F9072F4ZN	F9072M4ZN	F9072F2ZN	\
	150 cm	F9073F4ZN	F9073M4ZN	F9073F2ZN	F9032M2ZN
	200 cm	F9074F4ZN	F9074M4ZN	F9074F2ZN	F9042M2ZN
red	100 cm	F9072F4ZR	F9072M4ZR	F9072F2ZR	\
	150 cm	F9073F4ZR	F9073M4ZR	F9073F2ZR	F9032M2ZR
	200 cm	F9074F4ZR	F9074M4ZR	F9074F2ZR	F9042M2ZR

wire diameter 2,5 mm
cable and connector are supplied in the same colour

wire diameter 2 mm
grey cable

F9072M4ZR



F9072F2ZN

TWO CONNECTORS (AT BOTH SIDES)

COLOUR	CABLE LENGTH	4 mm plug 2 mm plug	DOUBLE 4 mm PLUG	2 mm SOCKET 4 mm PLUG	4 mm SOCKET 2 mm PLUG	4 mm SOCKET 4 mm PLUG	DOUBLE 2 mm PLUG
black	10 cm	\	\	F9071F2M4N	\	\	\
	15 cm	\	\	\	F9071F4M2N	F9071F4M4N	\
	80 cm	F9071M42R	\	\	\	\	\
	150 cm	\	\	\	\	\	F9032M2N
	180 cm	F9071M42N18	F9071M44N18	\	\	\	\
	250 cm	\	F9071M44N25	\	\	\	\
red	10 cm	\	\	F9071F2M4R	\	\	\
	15 cm	\	\	\	\	\	\
	80 cm	F9071M42N	\	\	\	\	\
	150 cm	\	\	\	\	\	F9032M2R
	180 cm	F9071M42R18	F9071M44R18	\	\	\	\
	250 cm	\	F9071M44R25	\	\	\	\

wire diameter 2,5 mm
cable and connector are supplied in the same colour

wire diameter 2 mm
grey cable

ELECTROSTIMULATION



PG355/15



PG396/15J9G

Bipolar snap cables

BIPOLAR SNAP CABLES - QUICK REFERENCE GUIDE

WIRE DIAMETER	3,2 mm		2,5 mm	1,5 mm FLAT	2,5 mm FLAT	
	180 + 30 cm	100 + 150 cm	150 cm			200 cm
CABLE COLOUR	GREY	GREY	BLACK	BLACK	(*)	
JACK MONO 3,5 mm	F5302/J35M	\	PG350/15	PG362	PG396/15JX	PG396/20JX
JACK MONO 3,5 mm 90°	F5302/J35M9	\	\	\	PG396/15J9X	PG396/20J9X
JACK STEREO 3,5 mm	\	\	\	PG356	PG396/15JSX	PG396/20JSX
JACK STEREO 3,5 mm 90°	\	\	\	\	PG396/15JS9X	PG396/20JS9X
JACK MONO 2,5 mm	\	\	PG353/15	PG360	\	\
RCA	F5302/RCA	\	PG355/15	\	PG395/15RX	PG395/20RX
JACK MONO 6,3 mm	\	\	\	\	PG396/15J6X	PG396/20J6X
JACK STEREO 6,3 mm	\	\	PG356/15	\	PG396/15JS6X	PG396/20JS6X
without connector	\	F5302/YRN	\	\	PG390/15ZX	PG390/20ZX

(*) Please replace "X" with the cable colour code: R (red), N (black), G (yellow), B (blue), V (green), GR (grey), A (orange).



PG391

Bipolar cables with 2 mm plug

BIPOLAR CABLES WITH 2 mm PLUG - QUICK REFERENCE GUIDE

WIRE DIAMETER	2,5 mm FLAT		1,5 mm FLAT
	150 cm	200 cm	150 cm
CABLE COLOUR	(*)		BLACK
JACK MONO 3,5 mm	PG391/15JX	PG391/20JX	PG363
JACK MONO 3,5 mm 90°	PG391/15J39X	PG391/20J39X	\
JACK STEREO 3,5 mm	PG391/15JSX	PG391/20JSX	PG357
JACK STEREO 3,5 mm 90°	PG391/15JS9X	PG391/20JS9X	\
JACK MONO 2,5 mm	\	\	PG361
RCA	PG391/15RX	PG391/20RX	\
JACK MONO 6,3 mm	PG391/15J6X	PG391/20J6X	\
JACK STEREO 6,3 mm	PG391/15JS6X	PG391/20JS6X	\
without connector	PG391/15ZX	PG391/20ZX	\

(*) Please replace "X" with the cable colour code: R (red), N (black), G (yellow), B (blue), V (green), GR (grey), A (orange)

ELECTROSTIMULATION



F5304/J35M9

Four-poles snap cables

- F5304/J35M L 180+30 cm, with derivation box, 3,5 mm JACK MONO plug
- F5304/J35M9 L 180+30 cm, with derivation box, 3,5 mm JACK MONO 90° ANGLED plug
- F5304 L 150+150 cm, YOKE, NO CONNECTOR
- F5304 Y L 150+60 cm, YOKE, 4 independent leads, NO CONNECTOR

SPARE PARTS



- F9012 Kit of metallic snap and coloured cover, section 2 mm
- F9012/3 Kit of metallic snap and coloured cover, section 3,2 mm
- F9022/99 Unipolar polyurethane cable
- F9025/88 Bipolar flat PVC cable



- 60506226 Stainless steel snap, upper part
- 60506227 Stainless steel snap, lower part
- 60506323 Cable gland for 5 mm cable
- 60506204 Cable gland for 7,2 mm cable
- 60506235 YOKE box with 2 holes
- 60506212 YOKE box with 4 holes
- 60506206 YOKE box without holes
- 60506205 Open box without holes

Jack Connector



2,5 mm mono



3,5 mm mono



RCA



6,3 mm mono



6,3 mm stereo



3,5 mm -90°

OXYGEN THERAPY

MASKS

FIAB produces a complete and multifunctional range of masks to meet any clinical need; these masks are soft, light, odourless, made of high quality resins; the adjustable mask straps and nose clip create a better and more comfortable fit for the patient.



OS/50

OS/50 - High concentration soft mask with bag and sure flow tubing

OS/50	for adults
OS/50D	for adults, DEHP free
OS/50P	paediatric
OS/50PD	paediatric, DEHP free



OS/100

OS/100T



OS/50P

OS/100 - Medium concentration soft mask with sure flow tubing

OS/100	for adults
OS/100D	for adults, DEHP free
OS/100P	paediatric
OS/100PD	paediatric, DEHP free
OS/100N	neonatal, DEHP free
OS/100T	tent mask for adults



OS/100P



OS/110

Tracheotomy mask

OS/110	for adults
OS/110P	paediatric
OS/110K	Venturi mask with sure flow tubing and 7 different oxygen flow diluters, for adults



OS/110K

OXYGEN THERAPY

OS/60K



Venturi mask with sure flow tubing and 7 different oxygen flow diluters

OS/60K	for adults
OS/60KD	for adults, DEHP free
OS/70K	paediatric
OS/70KD	paediatric, DEHP free

OS/70K



OS/80P



OS/72K



Venturi mask with sure flow tubing and "all in one" oxygen flow diluters

OS/62K	for adults
OS/62KD	for adults, DEHP free
OS/72K	paediatric
OS/72KD	paediatric, DEHP free

OS/80



OS/80PSM



OS/80 - Aerosol mask

OS/80	for adults (*)
OS/80D	for adults (*), DEHP free
OS/80P	paediatric (*)
OS/80PD	paediatric (*), DEHP free
OS/80N	neonatal, DEHP free (*)
OS/80T	tent mask for adults
OS/80SM	for adults (only mask)
OS/80PSM	paediatric (only mask)
OS/90	aerosol set (*)

OS/90



(*) including nebulizer and sure flow tubing

OXYGEN THERAPY

NASAL CANNULAS



OS/15M - Ray Ban type

OS/15M Traditional Ray Ban type nasal cannula

OS/12 - American Tie type (with sure flow tubing)

OS/12A for adults, 160 cm tubing
OS/12AD for adults, 160 cm tubing, DEHP free
OS/12AL for adults, 160 cm soft tubing (*)
OS/12AT for adults, 5 m tubing
OS/12ATL for adults, 5 m soft tubing (*)
OS/12AVL for adults, 10 m soft tubing (*)
OS/12AXT for adults, 250 cm tubing
OS/12PED paediatric, 160 cm tubing, DEHP free
OS/12NEO neonatal, 160 cm tubing, DEHP free
OS/12AS for adults, 160 cm tubing, soft nasal distributor
OS/12ATS for adults, 5 m tubing, soft nasal distributor
OS/12AVS for adults, 10 m tubing, soft nasal distributor

(*) nasal distributor 15 mm long (instead of 11 mm)



OS/12A



FOR ADULTS



PAEDIATRIC



NEONATAL



FEMALE - FEMALE



MALE - FEMALE

Extension tubing

OS/40 L 200 cm, female-female connection
OS/41 L 200 cm, male-female connection
OS/400 L 500 cm, female-female connection
OS/410 L 500 cm, male-female connection

OXYGEN THERAPY

HUMIDIFIERS

Humidifiers and Kit



OS/3

- OS/3 Disposable humidifier for oxygen with connection tubing
- OS/17-6 Disposable humidifier for oxygen with screw connection and safety valve 6 PSI
- OS/17-6LN Disposable humidifier for oxygen 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 (singly packed in pouch and carton box)
- OS/16M Kit made up of humidifier OS/3 and nasal cannula OS/12A (singly packed in PET pouch)



OS/4M



OS/17-6LN





FIAB SpA manufactures and markets from over 40 years medical devices and accessories for electrophysiology, Cardiac Pacing and defibrillation, electrosurgery, neurology, oxygentherapy and physiotherapy.

High quality and technology in producing medical devices and accessories, make FIAB a reliable Company in the domestic and international market, able to grant a strong technical and productive capability, always supported with an excellent flexibility respect to customers' needs.

In order to consolidate and develop its own productivity, FIAB boasts four different manufacturing plants, with 2 clean rooms. FIAB export its products worldwide, in more than 100 countries, thanks to a good cooperation with several distributors.

The quality system is certified ISO 13485 by the British Standards Institution (BSI); every FIAB product is CE marked according to the directive 93/42/CEE under the supervision of the notified bodies BSI (0086).



Every end product included in this catalogue comply with regulation 93/42/CEE

The product information included in this catalogue do not replace the contents of correspondent technical data sheets. FIAB recommends to consult technical data sheets in order to get every data and instructions for each device.