











# PRODUCT CATALOGUE

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



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# DEFIBRILLATION

## EURODEFIPADS®



Eurodefipads®: a complete line of disposable multifunction electrodes for defibrillation, synchronized cardioversion, external cardiac stimulation and ECG monitoring.

Besides All Standard series, Eurodefipads® are available also in a Paediatric version with Power Reducer for AED models.

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



F7950



F7952P



F7750



F7955W

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")

### ADULT SERIES

### PAEDIATRIC SERIES

Radiopaque

Radiotransparent

Radiopaque

AED

Radiotransparent

### CONNECTORS BRANDS (\*)

F7950  
F7950W  
F7750

F7950P  
F7757P

F7950PL

Philips Medical®  
Laerdal Medical®  
Agilent Philips Medical



F7950  
F7950W



F7750  
F7750W



F7950P  
F7950PW



F7950PL  
F7950WPL

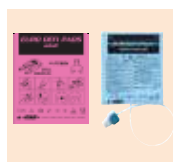


F7750P

### CONNECTORS BRANDS (\*)



Zoll Medical Corp®  
M&B



F7951  
F7951W



F7751  
F7751W



F7951P  
F7951PW



F7751P

### CONNECTORS BRANDS (\*)



Medtronic-Physiocontrol®  
Osatu Bexen  
Cardioline®  
Mindray



F7952  
F7952W



F7752  
F7752W



F7952P  
F7952PW



F7952PL  
F7952WPL



F7752P  
F7752PW

# DEFIBRILLATION

**EURODEFIPADS®**

## ADULT SERIES

## PAEDIATRIC SERIES

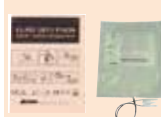
Radiopaque

Radiotransparent

Radiopaque














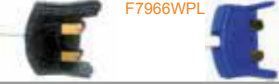




AED

Radiotransparent



### CONNECTORS

### BRANDS (\*)

	Agilent Laerdal Medical® Hewlett-Packard	F7953 F7953W	F7753	F7953P F7953PW		F7753P
	Schiller Esaote	F7954 F7954W	F7754	F7954P		F7754P
	Nihon Kohden Welch Allyn® Innomed MRL	F7955 F7955W	F7755 F7755W	F7955P F7955PW		F7755P
	Schiller	F7956 F7956W	F7756	F7956P		
	Cardiac Science	F7957W			F7957PL	
	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		
	Marquette GE® Esaote	F7962	F7762	F7962P		
	Nihon Kohden	F7963				
	Weinmann Cardiaid	F7964W		F7964PW		
	Corpuls	F7965 F7965/PLUS		F7965P		
	Defibtech	F7966W			F7966WPL	
	Schiller	F7967 F7967W		F7967P F7967PW		
	Mediana	F7969W		F7969PW		
	GE®	F7981		F7981P		
	Instramed Aed	F7984W		F7984PW		

# DEFIBRILLATION

## EURODEFIPADS®

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### ADULT SERIES

### PAEDIATRIC SERIES








Radiopaque

Radiotrasparent

Radiopaque

AED




Radiotrasparent

CONNECTORS	BRANDS (*)				
	Instramed i	F7985		F7985P	
	Mediana	F7986 F7986W F7986UW		F7986P F7986PW	
	Zoll Medical Corp®	F7987W		F7987PW	
	Nihon Kohden			F7989UW*	
	Laerdal Medical®	F7970		F7970P	
	Medtronic-Physiocontrol®	F7971			
	Marquette GE® Esaote	F7972		F7972P	

\* not available in all Countries, ask for availability!










## 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>	
	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 (*)		CONNECTORS	BRANDS (*)	
 <p>F7999 TRAINER PADS</p>		Philips Medical® Laerdal Medical® Agilent Philips Medical	F5350		Weinmann Cardiaid	F5364
		Medtronic-Physiocontrol® Osatu Bexen Cardioline® - Mindray	F5352		Defibtech	F5366
		Welch Allyn	F5355		Mediana	F5369
		Schiller	F5356		Mediana - Tecno	F5386








### DISPOSABLE ELECTRODES

#### SNAP ELECTRODES


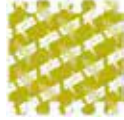
##### FOR ADULTS

ref (part n.) description	picture	suggested use	ref (part n.) description	picture	suggested use
<b>F9060</b> 48x50mm FOAM solid gel		ECG recording long term monitoring holter stress test rest test	<b>F9049/100</b> 34x51mm FOAM solid gel		ECG recording long term monitoring holter stress test rest test
<b>F9079/100</b> 36x40mm FOAM solid gel		ECG recording holter stress test rest test	<b>F9069RM</b> 42x45mm FOAM solid gel radio-transparent		ECG recording rest test
<b>F9089/100</b> 36x45mm FOAM solid gel		ECG recording holter stress test rest test	<b>F9047</b> 32x44mm FOAM liquid gel		ECG recording holter stress test rest test
<b>F2080</b> Ø55 mm NON WOVEN solid gel		ECG recording long term monitoring holter stress test rest test	<b>F9047/4FL</b> 28x44mm FOAM liquid gel 4mm socket		ECG recording holter stress test rest test
<b>F9047/4F</b> 34x57 mm FOAM solid gel		ECG recording holter stress test rest test	<b>F9067</b> 48x50mm FOAM liquid gel		ECG recording holter stress test rest test
<b>F9048</b> 34x57mm FOAM solid gel		ECG recording holter stress test rest test			

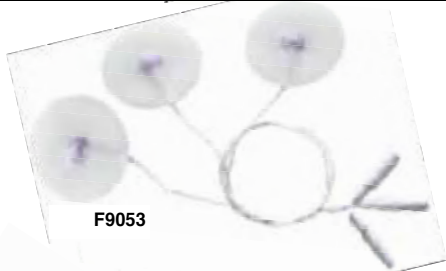

##### PAEDIATRIC

ref (part n.) description	picture	suggested use	ref (part n.) description	picture	suggested use
<b>F9060P</b> Ø40mm FOAM solid gel		ECG recording long term monitoring holter stress test rest test	<b>PG10C</b> Ø26mm FOAM solid gel		ECG recording rest test
<b>F2080P</b> Ø40mm NON WOVEN solid gel		ECG recording long term monitoring holter stress test rest test	<b>F9069PRM</b> 32x36mm oval FOAM solid gel radio-transparent		ECG recording rest test
<b>F9079P/100</b> 32x36mm FOAM solid gel		ECG recording holter stress test rest test	<b>F9069NRM</b> Ø26mm FOAM solid gel radio-transparent		ECG recording rest test
<b>F9089P/100</b> 32x36mm FOAM solid gel		ECG recording holter stress test rest test			

### TAB ELECTRODES

ref	dimensions	backing	gel	radioltransparent	picture
<b>FOR ADULTS</b>					
F3001ECG	23 x 34 mm	plastic	solid	YES	
<b>PAEDIATRIC</b>					
F3001NECG	13 x 34 mm	plastic	solid	YES	

### PREWIRED ELECTRODES

ref	dimensions	backing	lead length	connector	gel	radioltransparent	picture		
<b>PER ADULTI - FOR ADULTS</b>									
F9053	Ø 32 mm	FOAM	35 cm	4 mm socket	solid	NO			
F9053/10			10 cm			NO			
F9053RM			35 cm			YES			
F9053RM/80			80 cm			YES			
<b>PAEDIATRIC</b>									
F9053N	23 x 30 mm	FOAM	35 cm	4 mm socket	solid	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			
F9058N/F2	23 x 30 mm		FOAM			50 cm		2 mm socket	NO
F9058P	Ø 32 mm					50 cm		NO	
F9058P/60	Ø 32 mm					60 cm		NO	
F9058N	23 x 30 mm		NOV WOVEN			50 cm		1,5 mm DIN socket	NO
F9058N/60	23 x 30 mm					60 cm			NO
F9058PR	20 x 15 mm					50 cm			NO
F9058PRM	Ø 32 mm					50 cm			YES
F9058NRM	23 x 30 mm					50 cm			YES
F9058/90NRM	23 x 30 mm					90 cm			YES
F9058PRRM	20 x 15 mm	50 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						



## REUSABLE ELECTRODES

### PERIPHERAL CLAMPS AND PLATE ELECTRODES

ref (part n.)	description	suggested use	picture
<b>FOR ADULTS</b>			
<b>F9024SSC</b>	clamp electrode Silver/Silver Chloride	ECG recording	
<b>F9024NI</b>	clamp electrode Nickel plated	ECG recording	
<b>F9024OSSC</b>	clamp electrode Silver/Silver Chloride, for Obese	ECG recording	
<b>F9024ONI</b>	clamp electrode Nickel plated, for obese	ECG recording	
<b>PAEDIATRIC</b>			
<b>F9023SSC</b>	clamp electrode Silver/Silver Chloride	ECG recording	
<b>F9023NI</b>	clamp electrode Nickel plated	ECG recording	
<b>PERIPHERAL PLATE</b>			
<b>F9010SSC</b>	Silver/Silver Chloride for adults	ECG recording	
<b>F9010PSSC</b>	Silver/Silver Chloride for paediatric	ECG recording	
<b>F9011PG</b>	rubber belt for peripheral plate electrode- h=24mm, L=48cm, for adults		
<b>F9011P</b>	rubber belt for peripheral plate electrode- h=17mm, L=26cm, for paediatric		

### SUCTION CHEST ELECTRODES

ref (part n.)	description	suggested use	picture
<b>with rubber ring</b>			
<b>F9002SSC</b>	Ø 24 mm, Silver/Silver Chloride	ECG recording	
<b>F9002NI</b>	Ø 24 mm, Nickel plated	ECG recording	
<b>F9003SSC</b>	Ø 30 mm, Silver/Silver Chloride	ECG recording	
<b>F9003NI</b>	Ø 30 mm, Nickel plated	ECG recording	
<b>with metallic ring</b>			
<b>F9008SSC</b>	Ø 15 mm, Silver/Silver Chloride	ECG recording	
<b>F9008NI</b>	Ø 15 mm, Nickel plated	ECG recording	
<b>F9015SSC</b>	Ø 20 mm, Silver/Silver Chloride	ECG recording	
<b>F9009SSC</b>	Ø 24 mm, Silver/Silver Chloride	ECG recording	
<b>F9009NI</b>	Ø 24 mm, Nickel plated	ECG recording	
<b>F9016SSC</b>	Ø 30 mm, Silver/Silver Chloride	ECG recording	
<b>F9016NI</b>	Ø 30 mm, Nickel plated	ECG recording	
<b>spare parts</b>			
<b>F9005SSC</b>	spare metallic chest, Ø 15mm, Silver/Silver Chloride	ECG recording	
<b>F9005/20SSC</b>	spare metallic chest, Ø 20mm, Silver/Silver Chloride	ECG recording	
<b>F9005/24SSC</b>	spare metallic chest, Ø 24mm, Silver/Silver Chloride	ECG recording	
<b>F9006SSC</b>	spare metallic chest, Ø 30mm, Silver/Silver Chloride	ECG recording	
<b>F9007</b>	spare rubber ball chest for series: F9003, F9009, F9016	ECG recording	
<b>F9007P</b>	spare rubber ball chest for series: F9002, F9008, F9015	ECG recording	

## 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 different connectors are available allowing the connection with the most part of devices present on the market.



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





### ECG DEVICE MANUFACTURER

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



WITH INSPECTABLE MANIFOLD			WITH MOULDED MANIFOLD
<p>F6000 series, with small manifold and 4mm plug connection</p> 	<p>F6000P series, with small manifold and pinch connection</p> 	<p>F5000c series, with large manifold and snap connection</p> 	<p>F8000 series, with small moulded manifold and 4mm plug connection</p> 

## ACCESSORIES AND CONNECTION CABLES


ref (part n.)	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	

<b>ADAPTERS</b>		
<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 (*)	
<b>PG922/4T</b>	from 4mm socket to snap (**)	
<b>PG922/4KIT</b>	from 4mm socket to snap , kit of 10 pieces (***)	

(\*) suffix colour key: R=red, N=black - (\*\*) suffix colour key: R=red, N=black, V=green, G=yellow, B=white - (\*\*\*) 10pcs: 6 white, 1 black, 1green, 1yellow

<b>SINGLE SNAP CONNECTION CABLES</b>		
<b>F9022S</b>	L=60cm, 2mm safety plug (*)	
<b>F9052S</b>	L=80cm, 2mm safety plug (*)	
<b>F9032S</b>	L=150cm, 2mm safety plug (*)	
<b>F9022D</b>	L=60cm, 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

<b>KITS OF SNAP CONNECTION CABLES</b>		
<b>F9022D/KITX</b>	Kit of dnap connection cables, L=60cm, safety 1,5mm DIN socket	
<b>F9052D/KITX</b>	Kit of dnap connection cables, L=90cm, safety 1,5mm DIN socket	
<b>F9032D/KITX</b>	Kit of dnap connection cables, L=120cm, safety 1,5mm DIN socket	

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

# ELECTROSURGERY

## PENCILS

### DISPOSABLE PENCILS WITH PUSH-BUTTON CONTROL

ref (part n.)	cable length	Ø shaft	connector	electrode	picture
<b>F4797</b>	320 cm	2,38mm	Valleylab	blade F4046	
<b>F4797/5</b>	500 cm	2,38mm	Valleylab	blade F4046	
<b>F4797/WB</b>	320 cm	2,38mm	Valleylab	none	
<b>F4797/5WB</b>	500 cm	2,38mm	Valleylab	none	
<b>F4797/A</b>	320 cm	2,38mm	Valleylab	needle F4048	
<b>F4797/5A</b>	500 cm	2,38mm	Valleylab	needle F4048	
<b>F4797/P</b>	320 cm	2,38mm	Valleylab	sphere F4044	
<b>F4797/L</b>	320 cm	2,38mm	Valleylab	Blade F4050	
<b>F4797/5L</b>	500 cm	2,38mm	Valleylab	Blade F4050	
<b>F4797/AL</b>	320 cm	2,38mm	Valleylab	needle F4052	
<b>F4797/PL</b>	320 cm	2,38mm	Valleylab	sphere F4067	
<b>F4797/T</b>	320 cm	2,38mm	Valleylab	blade F4067T	
<b>F4797TEF</b>	320 cm	2,38mm	Valleylab	blade F4046/TEF	
<b>F4797/5TEF</b>	500 cm	2,38mm	Valleylab	blade F4046/TEF	
<b>F4797/ERB</b>	320 cm	2,38mm	Erbe 5 mm	blade F4046	
<b>F4797/5ERB</b>	500 cm	2,38mm	Erbe 5 mm	blade F4046	
<b>F4798</b>	320 cm	2,38mm	Valleylab	blade F4046	
<b>F4798/5</b>	500 cm	2,38mm	Valleylab	blade F4046	

### PENCILS IN KIT

ref (part n.)	description	picture
<b>F4798/H</b>	pencil F4797 + holster F4545	
<b>F4798/5H</b>	pencils F4797/5 + holster F4545	
<b>F4798/HTEF</b>	pencil F4797TEF + holster F4545	
<b>F4797/75</b>	pencil F4797 + tip cleaner F7520	
<b>F4797/5-75</b>	pencil F4797/5 + tip cleaner F7520	
<b>F4798/75H</b>	pencil F4797 + holster F4545 + tip cleaner F7520	
<b>F4798/5-75H</b>	pencil F4797/5 + tip cleaner F7520 + holster F4545	
<b>F4797T/75H</b>	pencil F4797/T + holster F4545 + tip cleaner F7520	
<b>F4798/5ERB-75H</b>	pencil F4797/5ERB + tip cleaner F7520 + holster F4545	

### DISPOSABLE PENCILS WITH SMOKE EVACUATOR SYSTEM

ref (part n.)	cable length	Ø shaft	connector	electrode	picture
<b>F47957SE</b>	300cm	2,38 mm	Valleylab	blade F4046-F4050	

### DISPOSABLE PENCILS WITH ROCKER-SWITCH CONTROL

ref (part n.)	cable length	Ø shaft	connector	electrode	picture
<b>F4795</b>	320 cm	2,38 mm	Valleylab	blade F4046	
<b>F4795/5</b>	500 cm	//	//	//	
<b>F4795TEF</b>	320 cm	//	//	blade F4046/TEF	

# ELECTROSURGERY

DISPOSABLE PENCILS WITH FOOT CONTROL					
ref (part n.)	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	

PENCILS IN KIT		
ref (part n.)	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	

ACCESSORIES			
ref (part n.)	picture	ref (part n.)	picture
<b>F7520 sterile tip cleaner 50x50mm</b>		<b>F4545 sterile holster for pencils</b>	

# ELECTROSURGERY

## REUSABLE HAND SWITCH PENCILS

ref (part n.)	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	

## REUSABLE FOOT CONTROL PENCILS

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

## REUSABLE ADAPTERS FOR HAND SWITCH PENCILS

ref (part n.)	pencil connector	ESU connector	compatibility	picture
<b>F4831</b>	Valleylab	protected 4mm plug	Berchold, Martin	
<b>F4832</b>	Valleylab	5mm plug	Erbe ACC/ICC	
<b>F4833</b>	Valleylab	4mm plug	Erbe T series	

## REUSABLE ADAPTERS FOR FOOT CONTROL PENCILS

ref (part n.)	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, Danieli, Ag e Cvs, Neomed, Valleylab, Burdick, Ems	
<b>F4836</b>	3,2mm plug	4mm plug	Martin, Siemens, Erbe, Alsa, Laser	
<b>F4837</b>	3,2mm plug	4mm plug	Martin, Blendtorne, Emc, Acmicron, Erbe, Cobi	
<b>F4838</b>	3,2mm plug	8mm plug	Alsatom, EB SS4/MMSB	
<b>F4839</b>	3,2mm plug	10mm plug	Alsatom	

# ELECTROSURGERY ELECTRODES

## DISPOSABLE STAINLESS STEEL

ref (part n.)	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	SPHERE Ø 5mm	

## TEFLON COATED

ref (part n.)	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	

## TITANIUM COATED

ref (part n.)	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 COATED
















ref (part n.)	length	shape	picture
F4051/TU108	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 COATED





ref (part n.)	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	

# ELECTROSURGERY

## REUSABLE STAINLESS STEEL Ø 2,38mm SHAFT

ref (part n.)	length	shape	picture
F4045	156mm	SPHERE Ø 4mm	 F4045
F4045/10	156mm	SPHERE Ø 4mm, 10°angled	 F4045/10
F4045/20	156mm	SPHERE Ø 4mm, 20°angled	 F4045/20
F4045/30	156mm	SPHERE Ø 4mm, 30°angled	 F4045/30
F4045/40	156mm	SPHERE Ø 4mm, 40°angled	 F4045/40
F4053R	100mm	BLADE	 F4053
F4060	69mm	BLADE	 F4060
F4061	100mm	ROUND NEEDLE, 20°angled	 F4061
F4062	150mm	CURVED BLADE	 F4062
F4063	152mm	NEEDLE Ø 0,78mm	 F4063
F4064	150mm	SPHERE Ø 2.5mm	 F4064
F4065	153mm	BLADE	 F4065
F4066	152mm	NEEDLE Ø 1.30mm	 F4066
F4068	70mm	SPHERE Ø 4mm	 F4068
F4084	69mm	NEEDLE Ø 0,75mm	 F4084
F4086	69mm	NEEDLE Ø 1.30mm	 F4086




## STAINLESS STEEL Ø 4mm SHAFT

ref (part n.)	length	shape	picture
F4060/4	55mm (51mm sleeve)	BLADE	 F4060/4
F4065/4	160mm	BLADE	 F4065/4
F4068/4	50mm	SPHERE Ø 4mm	 F4068/4
F4084/4	55mm	NEEDLE Ø 0,8mm	 F4084/4

## EXTENSIONS DISPOSABLE

ref (part n.)	length	picture
F4902	102mm	 F4902
F4903	150mm	 F4903
F4904	182mm	 F4904

## REUSABLE

ref (part n.)	length	picture
F4952	102mm	 F4952
F4953	150mm	 F4953
F4954	182mm	 F4954



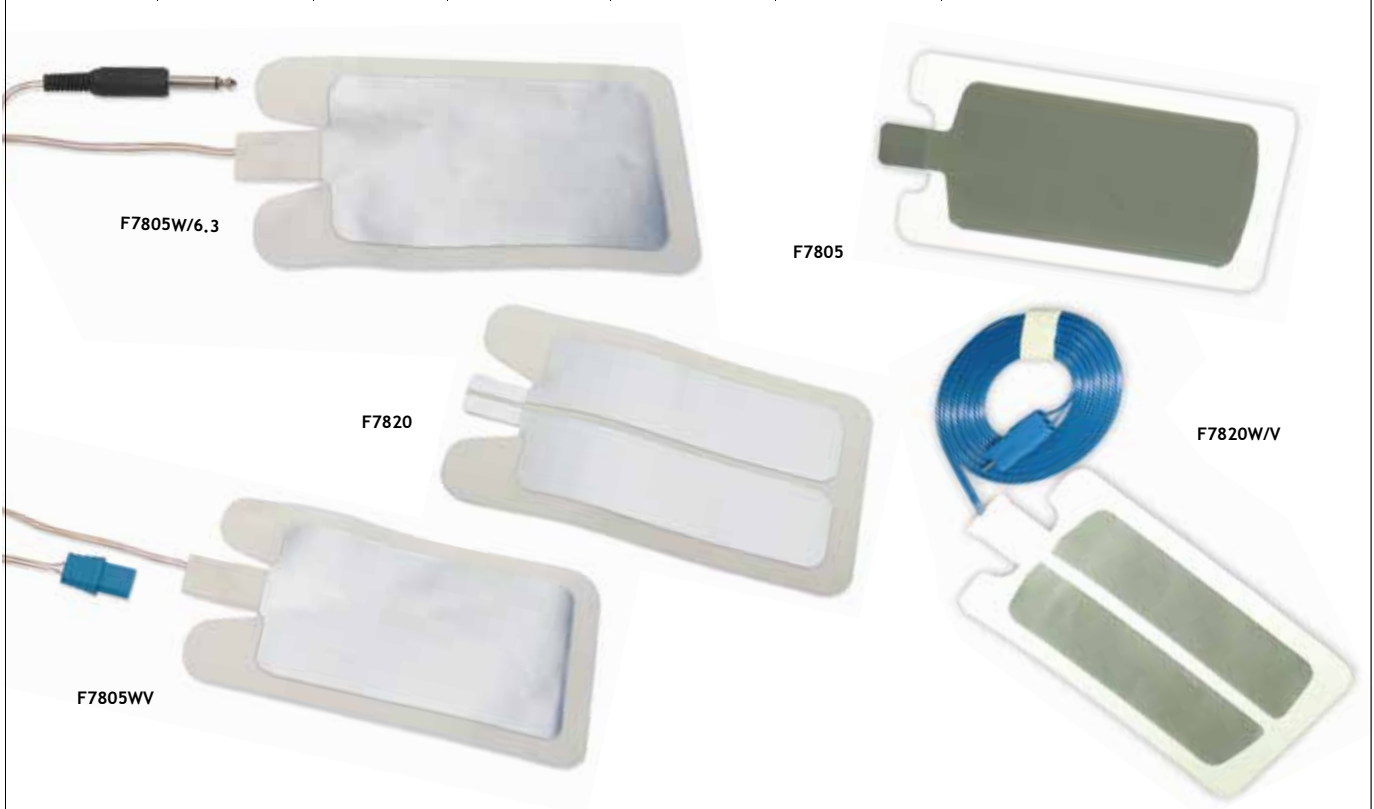
# ELECTROSURGERY

## GROUNDING PADS

### DISPOSABLE

#### ADULT

ref (part n.)	dimensions	baking	active surface	REM /not REM	cable	connection
<b>F7805</b>	202X101mm	FOAM	132cm <sup>2</sup>	not REM	NO	Tab Connection
<b>F7805W/V</b>	202X101mm	FOAM	132cm <sup>2</sup>	not REM	300cm	Valleylab connector
<b>F7805W/6.3</b>	202X101mm	FOAM	132cm <sup>2</sup>	not REM	300cm	Ø6.3mm bipolar connector
<b>F7820</b>	202X101mm	FOAM	118cm <sup>2</sup>	REM	NO	Tab Connection
<b>F7820W/V</b>	202X101mm	FOAM	118cm <sup>2</sup>	REM	300cm	Valleylab connector
<b>F7820W/6.3</b>	202X101mm	FOAM	118cm <sup>2</sup>	REM	300cm	Ø6.3mm bipolar connector



### PAEDIATRIC

ref (part n.)	length	shape	active surface	REM /not REM	cable	connection
<b>F7805P</b>	148x90mm	FOAM	78cm <sup>2</sup>	not REM	NO	Tab Connection
<b>F7805PW/V</b>	148x90mm	FOAM	72cm <sup>2</sup>	not REM	300cm	Valleylab connector
<b>F7820P</b>	148x90mm	FOAM	72cm <sup>2</sup>	REM	NO	Tab Connection
<b>F7820PW/V</b>	148x90mm	FOAM	78cm <sup>2</sup>	REM	300cm	Valleylab connector



# ELECTROSURGERY

## NEONATAL

ref (part n.)	dimensions	baking	active surface	REM /not REM	cable	connection
<b>F7805N</b>	88x74mm	FOAM	36cm <sup>2</sup>	not REM	NO	Tab Connection
<b>F7820N</b>	88x74mm	FOAM	33cm <sup>2</sup>	REM	NO	Tab Connection
<b>F7820NW/V</b>	88x74mm	FOAM	33cm <sup>2</sup>	REM	300cm	Valleylab connector



## VERSATILE

ref (part n.)	dimensions	baking	active surface	REM /not REM	cable	connection
<b>F7305</b>	164x117mm	FOAM	114cm <sup>2</sup>	not REM	NO	Tab Connection
<b>F7305W/V</b>	150x108mm	NON WOVEN	114cm <sup>2</sup>	not REM	300cm	Valleylab connector
<b>F7320</b>	164x117mm	FOAM	107cm <sup>2</sup>	REM	NO	Tab Connection
<b>F7320W/V</b>	150x108mm	NON WOVEN	107cm <sup>2</sup>	REM	300cm	Valleylab connector



## REUSABLE

ref (part n.)	dimensions	baking	active surface	REM /not REM	cable	connection
<b>F7915</b>	200x150mm	Silicone	266cm <sup>2</sup>	not REM	NO	4mm Socket
<b>F7930</b>	200x150mm	Silicone	250cm <sup>2</sup>	REM	NO	4mm Socket








# ELECTROSURGERY

## CONNECTION CABLES FOR DISPOSABLE GROUNDING PADS

ref (part n.)	connector	length	picture
<b>F7902</b>	Universal 6.3mm mono Jack	500cm	 <p style="text-align: center;">F7902</p>
<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	

## CONNECTION CABLES FOR REUSABLE GROUNDING PADS

ref (part n.)	length	shape	picture
<b>F7922</b>	Universal 6.3mm mono Jack	500cm	 <p style="text-align: right;">F7922</p>
<b>F7922/WB</b>	Universal 6.3mm mono Jack without derivation box	500cm	
<b>F7922/4</b>	4mm plug	500cm	
<b>F7922/24</b>	Double 4mm plug	500cm	
<b>F7923</b>	Valleylab type (ESU with REM)	500cm	
<b>F7923/F</b>	Valleylab type (ESU without REM)	500cm	
<b>F7924</b>	Special 6.3mm mono jack for ERBE: ACC, ICC, VIO, T	500cm	<div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p>6,3 mm MONO JACK</p>  </div> <div style="text-align: center;"> <p>DOUBLE 4 MM PLUG</p>  </div> <div style="text-align: center;"> <p>VALLEYLAB TYPE (WITHOUT REM)</p>  </div> </div> <div style="display: flex; justify-content: space-around; align-items: flex-start; margin-top: 10px;"> <div style="text-align: center;"> <p>4 MM PLUG</p>  </div> <div style="text-align: center;"> <p>VALLEYLAB TYPE (WITH REM)</p>  </div> </div>

## REUSABLE ADAPTER FOR DISPOSABLE GROUNDING PADS

ref (part n.)	connector	picture
<b>F4828</b>	from Vallylab to 4mm plug	 <p style="text-align: center;">F4828                      F4829</p>
<b>F4829</b>	from Valleylab to 6.3mm plug	

# 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 CAUTERIES							
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

# ELECTROSURGERY



REUSABLE CAUTERIES						
REF	F7297	F7298F	F7299	F7298F	F7298L	F7298FG
TIP SHAPE	--	LARGE	--	FINE	FINE	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
SERIES	LTC		HTC			

LOW TEMPERATURE  
CAUTERY AND TIP

HIGH 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

**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



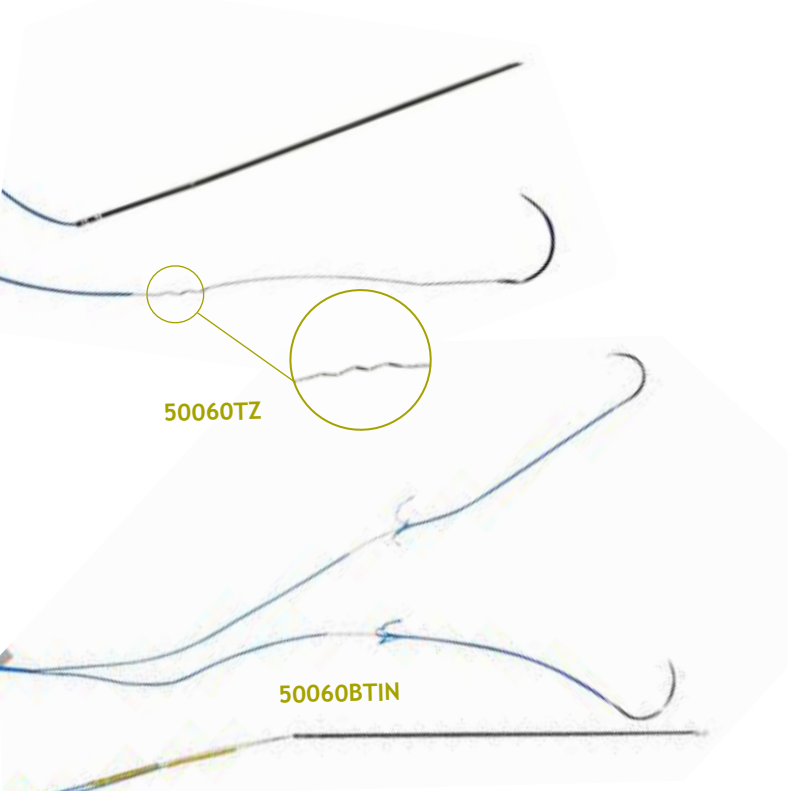
Zig-zag



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). 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). Quadripolar models are intended for adult patients and are wrapped on a spool 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 and reusable bipolar extension cables for connecting heartwire to external temporary pacemaker. Disposable cables are supplied in a STERILE packaging for a safe and immediate use.

F7818/4BIOLC



F7818/30LC



### 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 Medtronic\* type Connector (grey cable)
- F7818/4BIOLC Biotronic\* Redel type connector for dual chamber PM with 4 screw sockets (grey cable)
- F7818/BIOLC Biotronic\* Redel type connector (grey cable)
- F7818/OSYLC Osypka\* type connector

Also available 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 type connector, grey box

Also available in *blue* colour

F7819/30



F7819/B33



### Bipolar reusable extension cables

### F7816 series

Terminal box with 2 mm screw side socket. EO gas and steam sterilization (25 times).

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

Also available in *blue* colour

### F7818 series

Terminal box with 2 mm screw socket. EO or gas plasma sterilization (20 times).

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

F7816/B30



F7818/MED



\* 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 TP plugs



Medtronic\* type



Universal 2 mm plugs with protective caps



Biotronic\* type



Osipka\* type

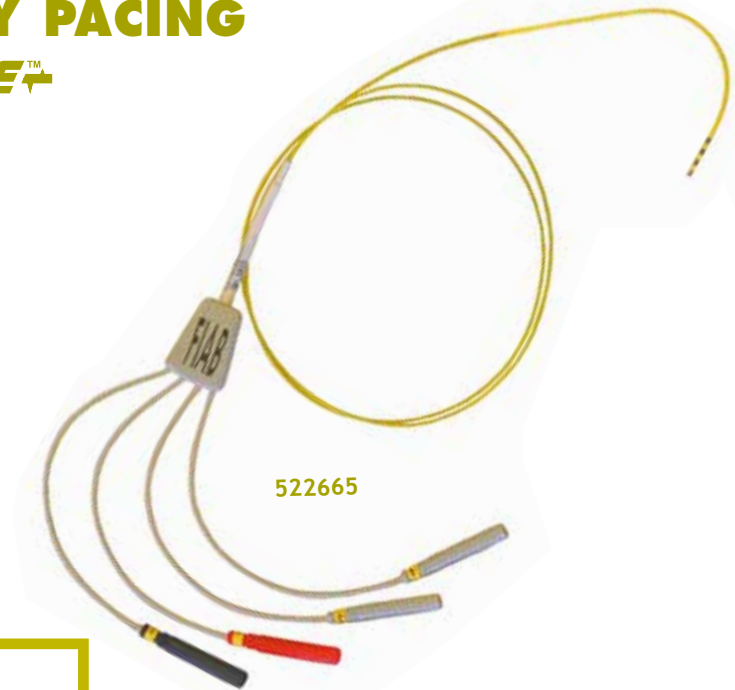


# CARDIAC STIMULATION

## TEMPORARY PACING



54466S




52266S



TOUCH-PROOF



2MM PIN WITH PROTECTIVE CAPS



### 4427 EASYPACE

Single chamber external pacemaker

<b>PACING MODE</b>	VVI, V00, V00x4, AAI, A00, A00x4, decreasing ramp
<b>RATE</b>	30÷180 (720) ppm
<b>PACING PERIOD</b>	2000÷333 (83) ms
<b>PULSE DURATION</b>	1.4 ms
<b>PULSE AMPLITUDE</b>	0.2÷40 mA
<b>MAXIMUM SENSITIVITY</b>	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	Cournand; 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

Temporary pacing lead with not braided shaft

### SPIKE LCS REFERENCE KEY

Ref. 5   Poles   Curve   Inter-electrode distance (mm)   Diameter **S**

2 = 2      1 = straight  
 4 = 4      2 =ournand  
             3 =josephson  
             4 =damato  
             5 = 2-5-2  
             6 = 5  
             0 = 10  
             4 = 4F  
             5 = 5F  
             6 = 6F

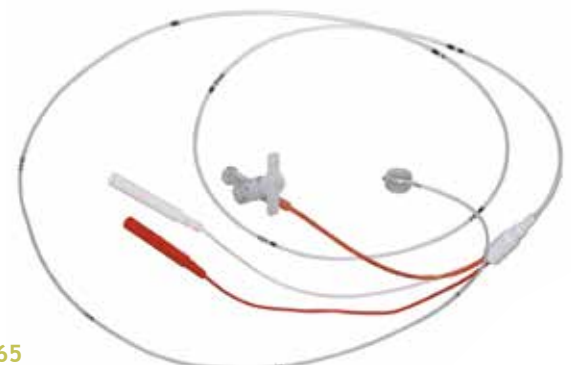
Example ... Ref 52266S - Spike LC S, 2 poles, Cournand, 5 mm inter-electrode distance, 6 French, touch-proof

### SPIKE FLOW

Temporary pacing lead with balloon

### 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



12165



# CARDIAC STIMULATION

## ELECTROFISIOLOGY



### SPIKE ULTRA

Diagnostic leads with braided shaft and soft tip fixed curvature

COURNAND

HIS

JOSEPHSON

CORONARY SINUS

DAMATO

#### 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 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

Diagnostic leads with braided shaft, fixed curvature



#### SPIKE EASY REFERENCE KEY

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

## EXTENSION CABLES

### 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 length 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



### Extension Cables

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

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

# CARDIAC STIMULATION

## INTRODUCER KITS

### 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.



### F47XXX series

Dilatator length 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 length 23 cm

### F475XXL/33 series

XL introducers- Dilatator length 33 cm

### F47XX/3x series

Standard Dilatator

+ threshold cable (F7830S or F7833S)

### Hemostasis valve introducers

The hemostasis valve introducer kits 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.



Kit includes:

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

### F477XXV series

Hemostasis valve introduction kit

with 0,035" guide wire

F47704V 4F

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 RECORDING AND PACING

Adult Esophageal leads with olive shaped electrodes



2007

Asynchronous Esophageal cardiac stimulator

### ESOFLEX S series

Esophageal leads with olive shaped electrodes and depth markers and atraumatic silicone tip

#### 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						

### ESOLO series

Esophageal leads with olive shaped electrodes and atraumatic silicone tip

#### 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		

# CARDIAC STIMULATION

## Adult Esophageal leads



### ESOGOLD S series

Esophageal leads with olive shaped gold plated electrodes and depth markers with atraumatic silicone tip

	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				



### ESOSOFT S series

Silicone Esophageal leads with atraumatic silicone tip

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				

## Paediatric Esophageal leads



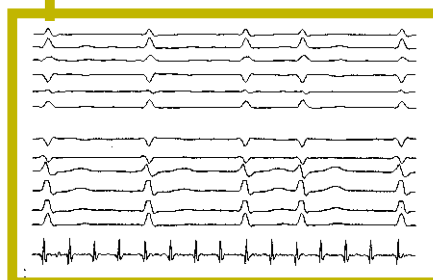
### ESOKID S series

with atraumatic silicone tip

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	

### 30104 Rostock

Filter for recording Atrial signals with an ECG monitor



ESO

# GEL AND CREAMS

## GEL FOR ECG

ref (part n.)	description	picture
G004	ECG spray gel, 230ml bottle	
G005	ECG liquid gel, 260ml bottle	

## GEL FOR ULTRASOUND

ref (part n.)	description	picture
G006	liquid gel, 260ml bottle	
G007	liquid gel, 1000ml bottle	
G0064	liquid gel, 5000ml flexible bag, 260ml refilling bottle	
G0066	liquid gel, 5000ml jerry can, 260ml refilling bottle	


## GEL FOR ULTRASOUND AND IPL

ref (part n.)	description	picture
G002	transparent liquid gel, 20ml pouch	
G008	transparent liquid gel, 260ml bottle	
G009	transparent liquid gel, 1000ml bottle	
G010	transparent liquid gel, high density, 1000ml jar	
G0084	transparent liquid gel, 5000ml flexible bag, 260ml refilling bottle	


## CREAM FOR RADIOFREQUENCY

ref (part n.)	description	picture
G016	RF cream, 1000ml bottle	
G017	RF cream, 5000ml flexible bag	

## DISPENSERS

ref (part n.)	description	picture
G0067	reusable dispenser for 5000ml jerry can	
G0068	reusable dispenser for 5000ml flexible bag	
G0069	reusable dispenser for 1000ml bottle	


## BRIDGE ELECTRODES AND ACCESSORIES

ref (part n.)	description	picture
F8973	Sintered Ag/AgCl, for adults, 2mm socket	
F8973/4KIT	Replacement kit, for adults	
F8901/1	Connecting cable, L=100cm, from alligator to 2mm male TP	
F8901/2	Connecting cable, L=100cm, from alligator to 1,5mm female TP	
F8901/3	Connecting cable, L=100cm, from 2mm spring plug to 1,5mm female TP	

## EMG CONCENTRIC NEEDLES STAINLESS STEEL/TITANIUM

ref (part n.)	description	picture
F8990/25-35	L=25mm, D=0,35mm, dark grey	
F8990/30-35	L=30mm, D=0,35mm, white	
F8990/25-35	L=25mm, D=0,45mm, black	
F8990/30	L=30mm, D=0,45mm, green	
F8990/37	L=37mm, D=0,45mm, blue	
F8990/40	L=40mm, D=0,45mm, red	
F8990/45	L=45mm, D=0,45mm, yellow	
F8990/50	L=55mm, D=0,45mm, light grey	
F8990/65	L=65mm, D=0,55mm, ivory	

## CONNECTING CABLES FOR CONCENTRIC NEEDLES

ref (part n.)	description	picture
F8995/MI	L=100mm, 5 poles, DIN connector (1)	
F8995/MM	L=100mm, 3 poles, microconnector (2)	
F8995/EN	L=100mm, 5 poles, DIN connector (3)	

(1) Compatible EMG devices: NIHON KOHDEN (all models) EB NEURO (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, Nemus2)

## CREAM AND GEL

ref (part n.)	description	picture
G011	EEG gel, 260ml bottle	
G012	Abrasive paste for EEG, EP, EMG, 260ml bottle	
G014	Adhesive and conductive paste for EEG, EMG, 500ml	

## EEG CUP ELECTRODES

ref (part n.)	description	picture
F8911/SS	Ag/AgCl, D=10mm, die-cast cup, 150cm wire, 1,5mm DIN socket	
F8911/LCS	Ag/AgCl, D=10mm, heat sealed cup, 150cm wire, 1,5mm DIN socket	
F8911P/LCS	Ag/AgCl, D=6mm, heat sealed cup, 150cm wire, 1,5mm DIN socket	
F8911/GO	Ag/Au, D=10mm, 150mm wire, 1,5mm DIN socket, die-cast wire	
F8911/LCG	Ag/Au, D=10mm, 150mm wire, 1,5mm DIN socket, heat sealed wire	

## PREGELLED EEG/EMG ELECTRODES

### FOAM

ref (part n.)	description	picture
F9059/1	15x20mm, 8cm wire (white)	
F9059/07	15x20mm, 8cm wire (white), Ag/AgCl 0,7mm plug	
F9059/D	15x20mm, 8cm wire (white), Ag/AgCl 1,5mm DIN socket	
F9059/N	23x20mm, 50cm wire (black, red and yellow) Ag/AgCl 1,5mm DIN socket	
F9059N/60	23x20mm, 60cm wire (black, red and yellow) Ag/AgCl 1,5mm DIN socket	
F9059N/120	23x20mm, 120cm wire (black, red and yellow) Ag/AgCl 1,5mm DIN socket	

### TNT

ref (part n.)	description	picture
F9055/07	15x20mm, 8cm wire (white), Ag/AgCl 0,7mm plug	
F9055/1	15x20mm, 8cm wire (white)	
F9055/D	15x20mm, 8cm wire (white), Ag/AgCl 1,5mm DIN socket	
F9055N/60	23x20mm, 60cm wire (black, red and yellow) Ag/AgCl 1,5mm DIN socket	
F9055N/120	23x20mm, 120cm wire (black, red and yellow) Ag/AgCl 1,5mm DIN socket	

# ELECTROSTIMULATION

## FULLY GELLED ELECTRODES

<b>FULLY GELLED ELECTRODES WITH WIRE AND 2mm SOCKET</b>				
<b>non woven</b>				
ref (part n.)	description	picture	ref (pat n.)	description
PG470W	35x45mm		PG473W2	45x80mm - two wires
PG471W	46x47mm		PG474W	45x98mm
PG471/40W	40x40mm		PG474W	45x98mm
PG471/50W	50x50mm		PG475W	65x45mm
PG471/63W	63x63mm		PG476W	45x150mm
PG472W	53x96mm		PG477W	75x140mm
PG472W2	53x96mm - two wires		PG479/32W	Ø32mm
PG472/90W	50x96mm		PG479/50W	Ø50mm
PG473W	45x80mm		PG479/75W	Ø75mm
PG473W2	45x80mm - two wires		PG200W	20x145mm
<b>non woven - chlorinated conductive cloth</b>				
ref (part n.)	description	picture	ref (pat n.)	description
PG771/50W	50x50mm		PG772/90W2	50x90mm - two wires
PG772/90W	50x90mm		PG774W	45x98mm
<b>foam</b>				
ref (part n.)	description	picture	ref (pat n.)	description
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			
<b>SNAP ELECTRODES</b>				
<b>non woven</b>				
ref (part n.)	description	picture	ref (pat n.)	description
PG470	35x45mm		PG474	45x98mm
PG471	46x47mm		PG475	65x45mm
PG471/63	63x63mm		PG476	45x150mm
PG471/40	40x40mm		PG477	PG477
PG471/50	50x50mm		PG490	40x90mm
PG472	53x96mm		PG479/32	Ø32mm
PG472/90	50x90mm		PG479/50	Ø50mm
PG473	45x80mm		PG479/75	Ø75mm
PG473/2	45x80mm - two snaps			
<b>non woven - chlorinated conductive cloth</b>				
ref (part n.)	description	picture	ref (pat n.)	description
PG771/50	50x50mm		PG772/902	50x90mm - two snaps
PG772/90	50x90mm		PG774	45x98mm
<b>foam</b>				
ref (part n.)	description	picture	ref (pat n.)	description
PG871/50	50x50mm		PG10C	Ø26mm
PG873	45x80mm		PG20	28x68mm - two snaps
PG879/75	Ø75mm		F3010	21x41mm - two snaps
<b>TAB ELECTRODE</b>				
<b>non woven</b>				
ref (part n.)	description	picture	ref (pat n.)	description
PG470L	35x45mm		PG476L	45x150mm
PG471L	46x47mm		PG200	10x155mm
PG473L	45x80mm		PG200/20	20x155mm



# ELECTROSTIMULATION

## REUSABLE ELECTRODES

### CONDUCTIVE SILICONE ELECTRODES

without cable					with cable	
size	2mm SOCKET	4mm SOCKET	2mm PLUG	4mm PLUG	4mm PLUG	4mm SOCKET
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	PG912/144	PG912/41	PG912/51
120x160mm	NONE	PG917/4	NONE	PG917/44	PG917/41	PG917/51
Ø25mm	PG925/2	PG925/4	PG925/22	PG925/44	NONE	NONE
Ø50mm	PG950/2	PG950/4	PG950/22	PG950/44	NONE	NONE
Ø55mm	PG960/55	NONE	NONE	NONE	NONE	NONE
Ø75mm	PG960/75	NONE	NONE	NONE	NONE	NONE
Ø95mm	PG960/95	NONE	NONE	NONE	NONE	NONE



### ADHESIVE SILICONE ELECTRODES

without gel				with gel			
code	dimensions	cable	connection	code	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		
code	dimensions	picture
PG271/35	35x45mm	
PG271/40	40x40mm	
PG271/50	50x50mm	
PG271C/45	Ø45mm	
PG271C/65	Ø65mm	

GEL PADS		
code	dimensions	picture
PG907	widht 228mm - thickness 0,35mm	
PG9074/55	widht 55mm - thickness 0,35mm	

# ELECTROSTIMULATION

## "EASY STIM" series - snap connection with synthetic buckskin support

ref (part n.)	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	

## with insulated external - snap connection

ref (part n.)	dimensions	picture
PG721	35x45mm	
PG722	45x60mm	
PG723	60x80mm	
PG724	80x20mm	
PG725	120x120mm	
PG726	120x160mm	

## REUSABLE BAND ELECTRODES

### Elastic band - velcro fastener - double snap connection

ref (part n.)	width	length	picture
PG954/35	5cm	35cm	
PG954/45	5cm	45cm	
PG954/50	5cm	50cm	
PG954/65	5cm	65cm	
PG954/80	5cm	80cm	
PG954/120	5cm	120cm	

### Conductive cloth - velcro fastener - tab connection

ref (part n.)	width	length	picture
PG903/4	5cm	40cm	
PG903/6	5cm	60cm	
PG903/8	5cm	80cm	
PG903/10	5cm	100cm	
PG903/914	5cm	140cm	

### Bands by the meter silicone

ref (part n.)	width	picture
PG901	50mm	
PG902	25mm	
PG901/2	50mm with continuous central 2mm socket	
PG906/2	100mm with continuous central 2mm socket	

### conductive cloth

ref (part n.)	width	picture
PG931	50mm	
PG931/60	60mm	
PG931/80	80mm	
PG931/99	140mm	

### Elastic band

ref (part n.)	width	picture
PG904	20mm	
PG954	50mm	

# ELECTROSTIMULATION

## TOP PACE - band electrodes coupled with synthetic buckskin support snap connection - velcro fastener

ref (part n.)	dimensions	picture	ref (pat n.)	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
PG933/12	5x12cm			

### with insulated external surface

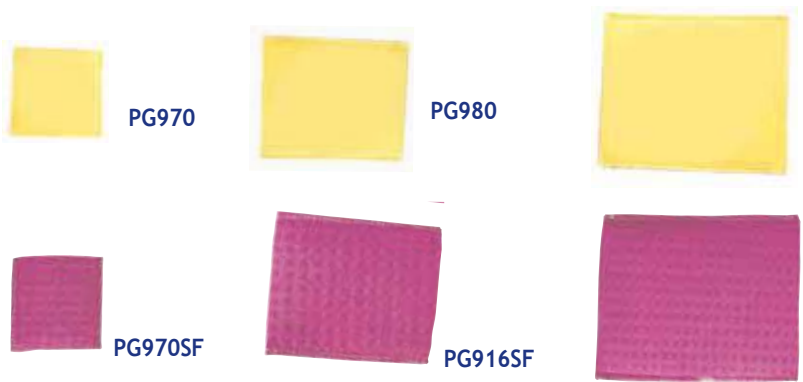
ref (part n.)	dimensions	picture	ref (pat n.)	dimensions
PG923/4	5x40cm		PG923/14	5x140cm
PG923/6	5x60cm		PG923/30	5x300cm
PG923/8	5x80cm		PG923/50	5x500cm
PG923/10	5x100cm		PG923/70	5x700cm
PG923/12	5x12cm			

## HOLDING BAGS

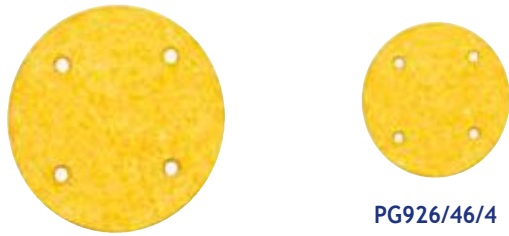
spontex

ref (part n.)	dimensions	picture
PG970S	60x75 (electrode 50x50mm)	
PG980S	85x100 (electrode 60x85mm)	
PG916S	75x105 (electrode 50x100mm)	
PG912S	110x140 (electrode 80x120mm)	
PG917S	140x180 (electrode 120x160mm)	
PG913S/99	roll, width 62cm	

### synthetic buckskin

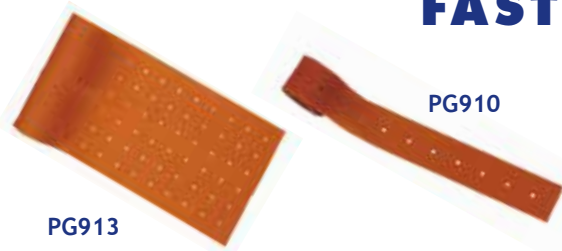
ref (part n.)	dimensions	picture
PG970	60x60 (electrode 50x50mm)	
PG980	70x90 (electrode 60x85mm)	
PG916	60x105 (electrode 50x100mm)	
PG912	105x135 (electrode 80x120mm)	
PG917	140x160 (electrode 120x160mm)	
PG913	roll, width 50cm	
PG913/60	roll, width 60cm	
PG913S/99	roll, width 140cm	

### hydrocompressed

ref (part n.)	dimensions	picture	ref (pat n.)	dimensions
PG926/S1	46x71mm		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

# ELECTROSTIMULATION

## FASTENING BELTS



### 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.



### 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

ref (part n.)	description	picture	ref (pat n.)	description
F9019	from 4mm socket to alligator		PG922/2C	PG922/2C
F9019/2	from 2mm socket to alligator		PG922/24	from 2mm socket to 4mm plug
PG922/2T	from 2mm socket to snap		PG922/42	from 4mm socket to 2mm plug
PG922/4T	from 4mm socket to snap		PG997	from 2mm cilindric smooth plug to 2mm elastic plug
PG922/2M	from snap to 2mm plug		PG998	from 4mm cilindric smooth plug to 4mm elastic plug
PG922/4M	from snap to 4mm plug		PG997	from 4mm elastic plug to 4mm elastic plug
PG922/MC	with cable, from male snap to alligator		<i>every model is available in red (R) or black (N), except for model PG922/4T which is available also in</i>	

## OUTPUT DOUBLING CABLES

ref (part n.)	description	picture	ref (pat n.)	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		<i>please add to the ref the colour code "R" (red) or "N" (black)</i>	

## PROBES

ref (part n.)	description	picture	ref (pat n.)	description
PG320	internal reference, RCA, 4 nichel-Brass electrodes included		PG342S	internal reference, 3,5mm jack mono, fixed double 6mm sphere electrodes
PG330	separate reference, RCA, 4 nichel-brass electrodes included		PG342RCA	internal reference, RCA, fixed 9mm electrode
PG335	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 (compatible with PG320-PG330-PG335)

ref (part n.)	description	picture	ref (pat n.)	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

## spontex sponges for electrode

ref (part n.)	description	picture
PG321/S	for electrodes PG321- and PG321/AC	
PG324/S	for electrodes PG324 and PG324/AC	

## SPECIAL PRODUCTS

### conductive accessories

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

## GROUNDING ELECTRODES

ref (part n.)	description	picture	ref (pat n.)	description
PG940/28	anti-static bracelet, snap, lenght 28cm		F9024SSC	reusable grounding clamp electrode - silver silver/chloride sensor, for adult
PG941/28	anti-static bracelet, coupled with synthetic buckskin, snap, lenght 28cm		F7805	disposable grounding pads, for adult, solid gel, FOAM support, 202x101mm, tab connection
PG942/28	elastic bracelet, snap, lenght 28cm		F7805P	disposable grounding pads, paediatric, solid gel, FOAM support, 148x90mm, tab

# 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

##### 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

F9072M4ZR



F9072F2ZN

# ELECTROSTIMULATION



PG355/15



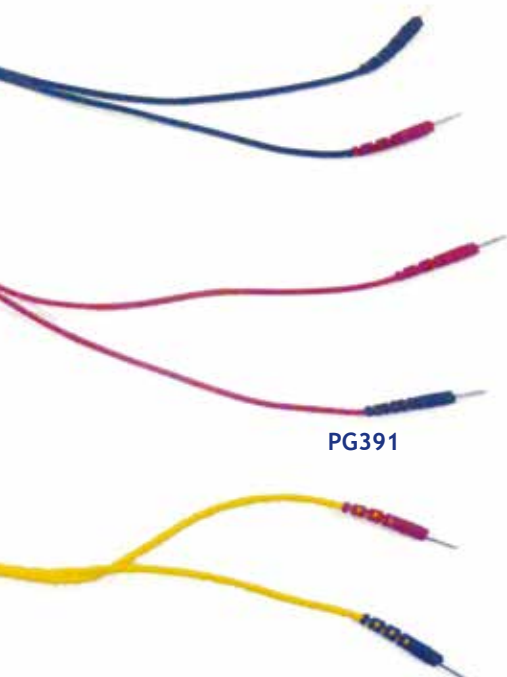
PG396/15J9G

## 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	
LENGTH	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
LENGTH	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)

### 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

### High concentration soft mask with tubing and sure flow tubing

ref (part n.)	description	picture
OS/50	for adults	 <p>OS/50</p>  <p>OS/50P</p>
OS/50D	for adults, DEPH free	
OS/50P	for paediatrics	
OS/50PD	for paediatrics, DEPH free	

### medium concentration soft mask with sure flow tubing

ref (part n.)	description	picture
OS/100	for adults	 <p>OS/100</p>  <p>OS/100T</p>  <p>OS/110</p>  <p>OS/100P</p>
OS/100D	for adults, DEPH free	
OS/100P	for paediatrics	
OS/100PD	for paediatrics, DEPH free	
OS/100N	neonatal, DEPH free	
OS/100T	tent mask for adult	

### Tracheotomy mask

ref (part n.)	description	picture
OS/110	for adults	 <p>OS/110</p>  <p>OS/110K</p>
OS/110P	for paediatrics	
OS/100K	Venturi mask with sure flow tubing and 7 different oxygen flow diluters, for adults	

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

ref (part n.)	description	picture
OS/60K	for adults	 <p>OS/70K</p>  <p>OS/60K</p>
OS/60KD	for adults, DEPH free	
OS/70K	for paediatrics	
OS/70KD	for paediatrics, DEPH free	

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

ref (part n.)	description	picture
OS/62K	for adults	 <p>OS/62K</p>  <p>OS/72K</p>
OS/62KD	for adults, DEPH free	
OS/72	for paediatrics	
OS/72KD	for paediatrics, DEPH free	

### Aerosol mask

ref (part n.)	description	picture
OS/80	for adults	 <p>OS/80</p>  <p>OS/80PSM</p>  <p>OS/90</p>  <p>OS/80P</p>
OS/80D	for adults, DEPH free	
OS/80P	for paediatrics	
OS/80PD	for paediatrics, DEPH free	
OS/80N	neonatal, DEPH free	
OS/80T	tent mask for adult	
OS/80SM	for adults (only mask)	
OS/80PSM	for paediatrics (only mask)	
OS/90	Aerosol set: mouthpiece, corrugated tube, nebulizer and sure flow tubing	



# OXYGEN THERAPY

## NASAL CANNULAS

ref (part n.)	description	picture
OS/15M	traditional Ray Ban nasal cannula	
OS/12A	american type nasal cannula for adults, 210cm tubing	
OS/12AD	american type nasal cannula for adults, 210cm tubing, DEPH free	
OS/12AL	american type nasal cannula for adults, 500cm tubing	
OS/12AT	american type nasal cannula for adults, 500cm tubing	
OS/12ATL	american type nasal cannula for adults, 210cm soft tubing	
OS/12AVL	american type nasal cannula for adults, 1000cm soft tubing	
OS/12AXT	american type nasal cannula for adults, 250cm tubing	
OS/12PED	american type nasal cannula, paediatric 210cm tubing	
OS/12NEO	american type nasal cannula, neonatal 210cm tubing	
OS/12AS	american type nasal cannula for adults, 210cm tubing with soft nasal distributor	
OS/12ATS	american type nasal cannula for adults, 500cm tubing with soft nasal distributor	
OS/12AVS	american type nasal cannula for adults, 1000cm tubing with soft nasal distributor	

## Extension tubing

ref (part n.)	description	picture
OS/40	L200, female-female connection	
OS/41	L200, male-female connection	
OS/400	L500, female-female connection	
OS/410	L500, male-female connection	

## Humidifier

ref (part n.)	description	picture
OS/3	disposable humidifier for oxygen with connecting 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 (packed in pouch and carton box)	
OS/16M	kit made up of humidifier OS/3 and nasal cannula OS/12 (packed in PET pouch)	



FIAB 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 upon customers' needs.

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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.