

NOTES



I.V. EQUIPMENT AND ACCESSORIES



NEEDLE-FREE CONNECTOR WITH POSITIVE FLUID DISPLACEMENT

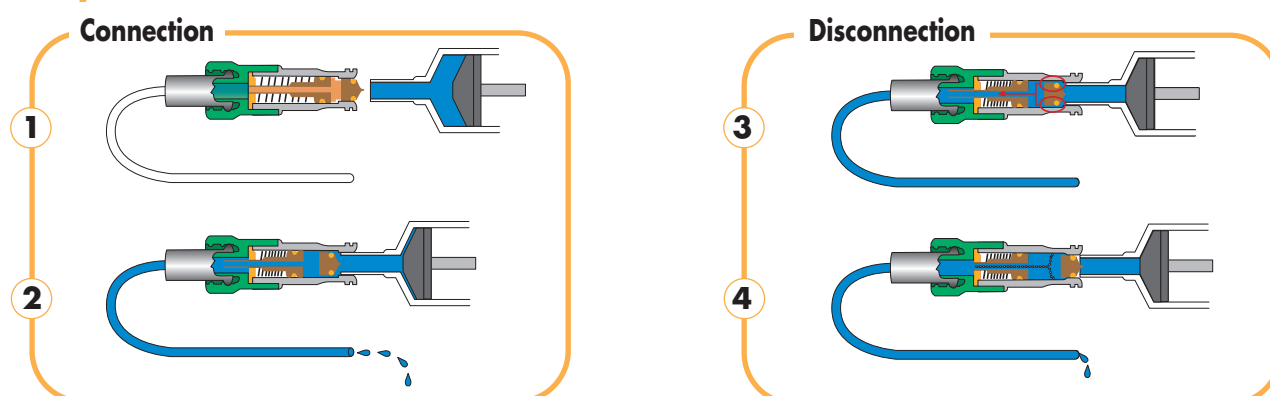
AUTOFLUSH

5897.01 Autoflush

25/2400

Multi-purpose, closed, needle-free connector for blood sampling, intermittent injections or continuous infusion of fluids or drugs.

Why risk central venous catheter occlusion ?



INDICATION:

Peripheral and central venous catheterization

BENEFITS:

Safety:

- Closed system ensures the safety of patients and eliminates the use of obturators
- Needle-free access ensures the safety of healthcare staff
- Latex free avoids risk of allergy
- Allows the administration of lipids and chemotherapy drugs

Efficiency:

- Positive bolus of 0.03 ml maintains catheter patency
- Flow rate of 200 ml/min, no flow rate restriction
- Low dead space: 0.1 ml priming volume
- No magnetic metallic components: MRI compatible

Saving:

- 360 connections or 7 days use.

DIRECTIONS FOR USE :

1. Use aseptic technique to remove Autoflush from sterile package.
2. Attach syringe and prime Autoflush.
3. Attach Autoflush to I.V. catheter or extension line, push and turn clockwise until Autoflush is tight.
4. To access Autoflush, swab female Luer with your choice of disinfectant and wait to dry (30 seconds).
5. Attach a fully primed syringe or extension line onto Autoflush and turn clockwise until tight.
6. When using a device with a Luer slip (e.g. syringe), present the syringe at an angle of 30° facing the Autoflush surface ridge, then in one movement elevate the syringe into horizontal position, push syringe onto Autoflush and rotate slightly clockwise.
7. To disconnect from Autoflush hold the Autoflush and turn the syringe or extension line anti-clockwise until loose.
8. Flush and disinfect Autoflush after each use.



Autoflush



NEEDLE-FREE CONNECTOR WITH POSITIVE FLUID DISPLACEMENT

AUTOFLUSH AND ACCESSORIES: EXTENSION TUBES

5223.01 Catheter extension tube - 10 cm

50/300

Catheter extension tube (PUR) with Autoflush and clamp.

Diameter 1.5 x 2.5 mm – Priming volume: 0.5 ml – Flow rate 160 ml/min.



Code 5223.01

5841.208 Octopus

10/240

Double lumen Octopus with Autoflush.

Double Lumen Octopus with Axiomosh.
Flexible and transparent polyurethane catheter extension tube,
2 equal lumen.

Lumen	Int. Ø – Ext. Ø mm	Length cm	Priming volume ml	Flow rate ml/min
Lumen 1 and 2	1.50 - 2.50	10	0.5	160

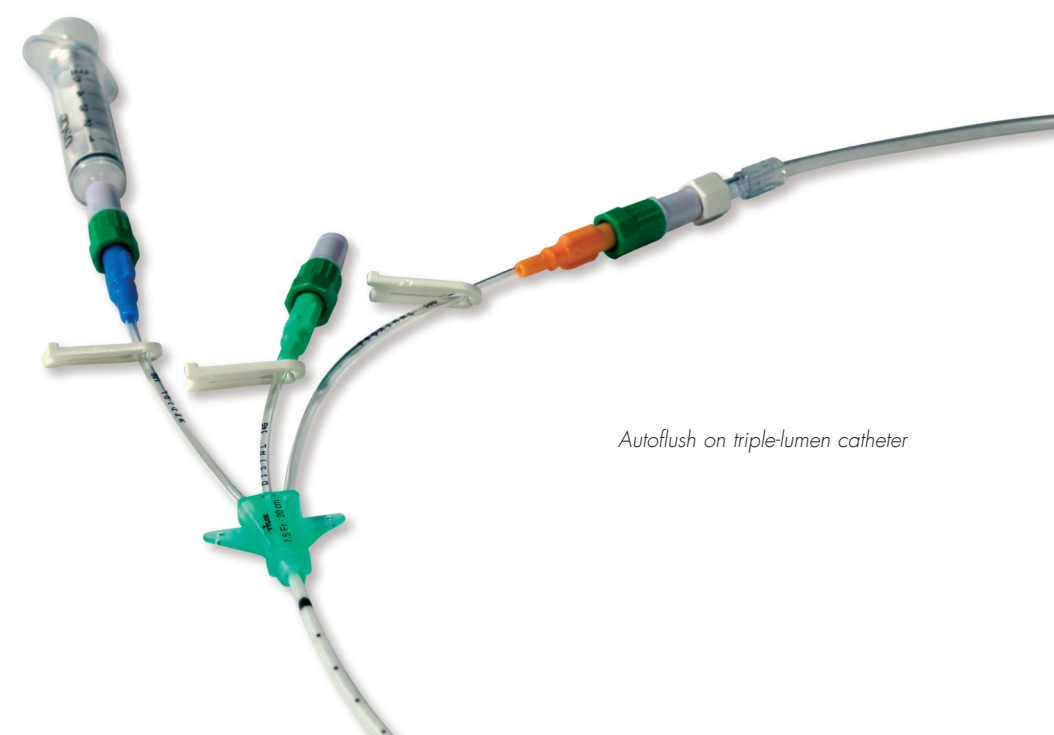
5841.308 Octopus

10/240

Triple lumen Octopus with Autoflush.

Simple Isomer Octopuses with Actinonosis.
Flexible and transparent polyurethane catheter extension tube.

Lumen	Int. Ø – Ext. Ø mm	Length cm	Priming volume ml	Flow rate ml/min
Lumen 1, 2 and 3	1.50 - 2.50	10	0.5	160



Autoflush on triple-lumen catheter



NEEDLE-FREE CONNECTOR WITH NEUTRAL FLUID DISPLACEMENT

BIONECTOR

Bionector 2 and **Bionector "S"** are multi-purpose, closed, needle-free, small size I.V. connection accessories for blood sampling, intermittent injections or continuous infusions of fluids or drugs. Bionector has a very easily disinfectable membrane (disinfection must be carried out before and after use) which closes automatically when the infusion line or the syringe is disconnected.

Bionector 2 and **Bionector "S"** are resistant to lipid emulsions, most cytotoxic drugs and antiseptics.

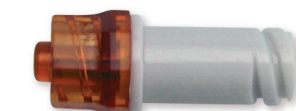
This simple to use device protects both medical teams (prevents needle-stick injury, no blood reflux) and patients (closed system: reduces risk of air embolism and blood loss).

Bionector 2 is for use with devices (syringes, extension tubes, etc.) with a male Luer fitting whose internal diameter is ≥ 1.7 mm (most devices). **Bionector "S"** is for use with devices with a male Luer fitting whose internal diameter is ≥ 1.4 mm.

896.01 Bionector 2

896.21 Bionector "S"

With rigid protective non-touch applicator to ensure aseptic connection. Distal end: male Luer-lock, proximal end: female Luer-lock.



Bionector "S"

896.02 Bionector 2

896.22 Bionector "S"

Same product as code 896.01/21 (shown above) but double packaged in a rigid protective non-touch applicator to ensure aseptic connection and an outer blister pack.

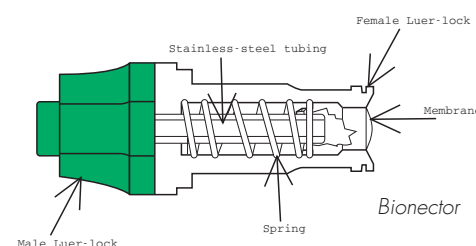


Bionector 2

896.03 Bionector 2

896.23 Bionector "S"

Packaging: soft blister, without rigid protective non-touch applicator.

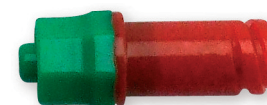


Bionector

896.11 Arterial Bionector 2

896.31 Arterial Bionector "S"

When positioned on the lateral port of a 3-way stopcock, Bionector allows easy and safe arterial samplings for blood gas measurements. Packaging: soft blister code 896.11, rigid protective non-touch applicator code 896.31.



Arterial Bionector

Model	Priming Volume (ml)	Flow rate ml/min	Number of connections	Back-pressure resistance mmHg
Bionector 2 / Arterial Bionector 2	0.02	160	100	760 (1 bar)
Bionector "S" / Arterial Bionector "S"	0.02	100	100	760 (1 bar)



NEEDLE-FREE CONNECTOR WITH NEUTRAL FLUID DISPLACEMENT

BIONECTOR 2 AND ACCESSORIES: EXTENSION TUBES

5141 Catheter extension tube

Triple layer extension tube (PVC/VYG2/PE) with lipid resistant three-way stopcock and Bionector 2 on the lateral port of the stopcock (5141.01/00/10) or with two Bionector 2 on each female port of the stopcock (5141.011/001).

Code	Int. Ø - Ext. Ø mm	Priming volume ml	Length cm	Box / Case
5141.01	2.5 - 4.0	1.00	13.5	50/200
5141.00	2.5 - 4.0	1.50	25	50/200
5141.10	2.5 - 4.0	5.20	100	25/150
5141.011	2.5 - 4.0	1.00	13.5	50/200
5141.001	2.5 - 4.0	1.50	25	50/200



Code 5141

5222 Catheter extension tube

Extension tube with Bionector 2 and clamp.
Male Luer-lock/female Luer-lock fittings.

Code	Int. Ø - Ext. Ø mm	Priming volume ml	Length cm	Tube material
5222.008	1.5 - 2.5	0.3	8	Three-layer PE/VYG2/PVC
5222.01	1.5 - 2.5	0.5	13.5	PVC
5222.014 *	1.5 - 2.5	0.3	10	PUR

* Radiosterilized



Code 5222.014

841.264 Octopus

Double lumen Octopus with 2 Bionector and clamps.
Polyurethane catheter extension tube, 2 equal lumen. Radiosterilized.

Lumen	Int. Ø - Ext. Ø mm	Length cm	Priming volume ml	Flow rate ml/min
Lumen 1 and 2	1.5 - 2.5	10	0.3	170

Code 841.264

841.364 Octopus

Triple lumen Octopus with 3 Bionector and clamps.
Polyurethane catheter extension tube, 3 equal lumen. Radiosterilized.

Lumen	Int. Ø - Ext. Ø mm	Length cm	Priming volume ml	Flow rate ml/min
Lumen 1, 2 and 3	1.5 - 2.5	10	0.3	170

Code 841.364



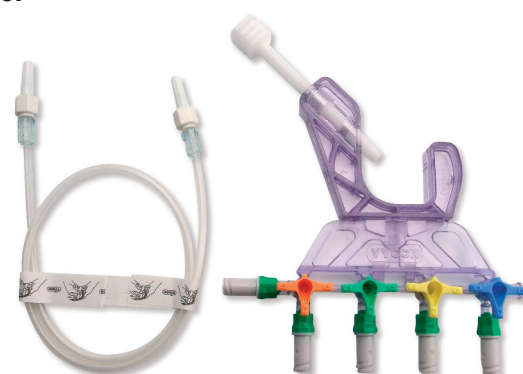
NEEDLE-FREE CONNECTOR WITH NEUTRAL FLUID DISPLACEMENT

RAMPS OF STOPCOCKS WITH BIONECTOR

5828 Biovystar

Female/female ramps of three 3-way stopcocks with Bionector

Code	Stopcocks	Extension tube	Ramp holder	Bionector	Box/case
5828.023	2	50 cm	yes	3	25/100
5828.223	2	150 cm	yes	3	25/100
5828.033	3	50 cm	yes	4	15/60
5828.233	3	150 cm	yes	4	15/60
5828.043	4	50 cm	yes	5	15/60
5828.243	4	150 cm	yes	5	15/60
5828.053	5	50 cm	yes	6	15/60
5828.253	5	150 cm	yes	6	15/60
5828.063	6	50 cm	yes	7	15/60
5828.263	6	150 cm	yes	7	15/60



Biovystar
Code 5828

BIONECTOR AND NEEDLE-FREE ACCESSORIES

821 Needle-free vial access cap (without Bionector)

50/600

Needle-free drug aspiration; for single use vial access.

Code	Cap diameter
821.01	14 mm
821.02	20 mm

Code 821.01



821 Needle-free vial access cap with Bionector

50/600

Needle-free drug aspiration; for multiple vial access.

Code	Cap diameter
821.21	14 mm
821.22	20 mm

Code 821.21



856.01 Bionector and spike

25/600

For aspirating or adding fluids to bags or bottles of intravenous solutions.
Can also be used for paediatric bags.



Code 856.01

856.11 Bionector and spike with non return valve

25/600

This spike is designed for **aspiration only** of fluid from I.V. bags or bottles.
It avoids the contamination of the I.V. fluid by chemotherapeutic drugs.



Code 856.11

RAMPS OF STOPCOCKS

RAMPS OF STOPCOCKS (3-WAY)

VYSTAR

New generation of ramps of three-way stopcocks.

Characteristics:

- Clear body
 - Compact and ergonomic
 - Very low priming volume
 - Clear and innovative colour coding
 - Lipid-resistant
 - Resistant to antiseptics
 - Triple-layer extension tube (PE/VYG2/PVC) combining transparency, high mechanical performance and chemical inertia.
- Length: 50 cm, 100 cm or 150 cm.

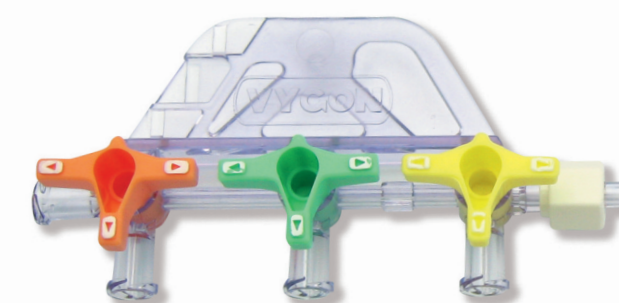
Complete range from two to six three-way stopcocks.

5827 Vystar male / female

25/150

Male/female ramps of 3-way stopcocks.

- | | |
|----------|-------------------------------------|
| 5827.92 | Ramp of 2 stopcocks |
| 5827.922 | Ramp of 2 stopcocks and 3 Bionector |
| 5827.93 | Ramp of 3 stopcocks |
| 5827.932 | Ramp of 3 stopcocks and 4 Bionector |
| 5827.94 | Ramp of 4 stopcocks |
| 5827.942 | Ramp of 4 stopcocks and 5 Bionector |
| 5827.95 | Ramp of 5 stopcocks |
| 5827.96 | Ramp of 6 stopcocks |

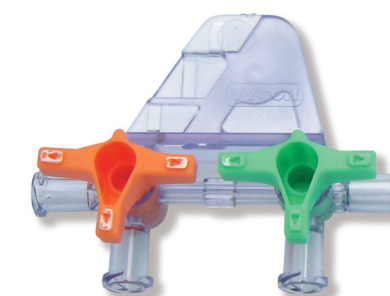


Code 5827

5828 Vystar female / female

Female/female ramps of two 3-way stopcocks.

Code	Stopcocks	Extension tube	Ramp holder	Bionector	Box/case
5828.92	2	–	–	–	25/150
5828.02	2	50 cm	–	–	25/150
5828.021	2	50 cm	yes	–	25/100
5828.023	2	50 cm	yes	3	25/100
5828.12	2	100 cm	–	–	25/100
5828.22	2	150 cm	–	–	25/100
5828.221	2	150 cm	yes	–	25/100
5828.223	2	150 cm	yes	3	25/100



RAMPS OF STOPCOCKS

5828 Vystar female / female

Female/female ramps of three 3-way stopcocks.

Code	Stopcocks	Extension tube	Ramp holder	Bionector	Box/case
5828.93	3	—	—	—	25/150
5828.03	3	50 cm	—	—	25/150
5828.031	3	50 cm	yes	—	25/100
5828.033	3	50 cm	yes	4	15/60
5828.13	3	100 cm	—	—	25/100
5828.23	3	150 cm	—	—	25/100
5828.231	3	150 cm	yes	—	25/100
5828.233	3	150 cm	yes	4	15/60

5828 Vystar female / female

Female/female ramps of four 3-way stopcocks.

Code	Stopcocks	Extension tube	Ramp holder	Bionector	Box/case
5828.94	4	—	—	—	25/150
5828.04	4	50 cm	—	—	25/150
5828.041	4	50 cm	yes	—	15/60
5828.043	4	50 cm	yes	5	15/60
5828.14	4	100 cm	—	—	25/100
5828.24	4	150 cm	—	—	25/100
5828.241	4	150 cm	yes	—	15/60
5828.243	4	150 cm	yes	5	15/60

5828 Vystar female / female

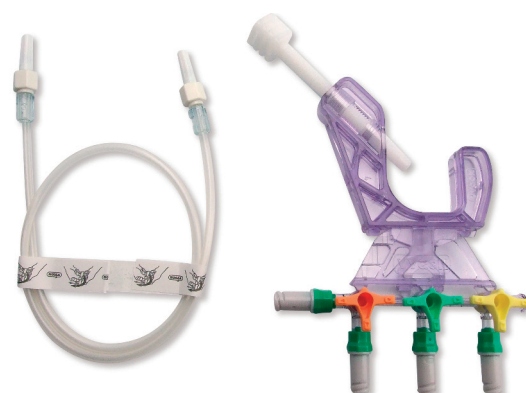
Female/female ramps of five 3-way stopcocks.

Code	Stopcocks	Extension tube	Ramp holder	Bionector	Box/case
5828.95	5	—	—	—	25/150
5828.05	5	50 cm	—	—	25/150
5828.051	5	50 cm	yes	—	15/60
5828.053	5	50 cm	yes	6	15/60
5828.15	5	100 cm	—	—	25/100
5828.25	5	150 cm	—	—	25/100
5828.251	5	150 cm	yes	—	15/60
5828.253	5	150 cm	yes	6	15/60

5828 Vystar female / female

Female/female ramps of six 3-way stopcocks.

Code	Stopcocks	Extension tube	Ramp holder	Bionector	Box/case
5828.96	6	—	—	—	25/150
5828.061	6	50 cm	yes	—	15/60
5828.063	6	50 cm	yes	7	15/60
5828.26	6	150 cm	—	—	25/100
5828.261	6	150 cm	yes	—	15/60
5828.263	6	150 cm	yes	7	15/60



RAMPS OF STOPCOCKS

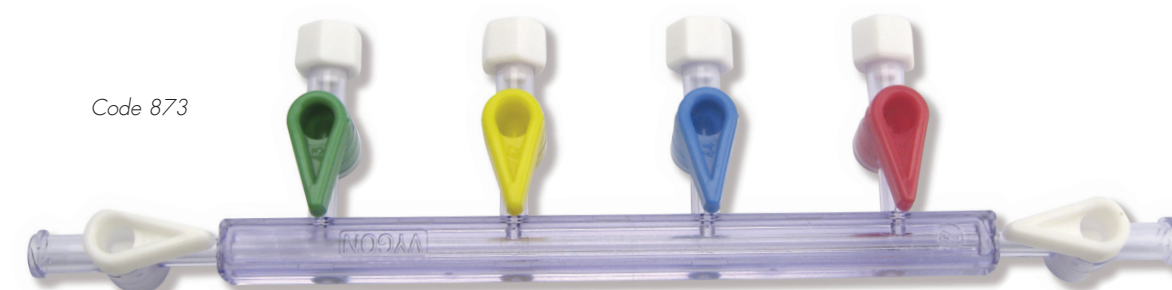
RAMPS OF STOPCOCKS (I-WAY)

873 Ramps of stopcocks (PC-PE)

Lipid-compatible ramps of one-way stopcocks with triple-layer extension tube. Ramp fitting: female Luer-lock/female Luer-lock.

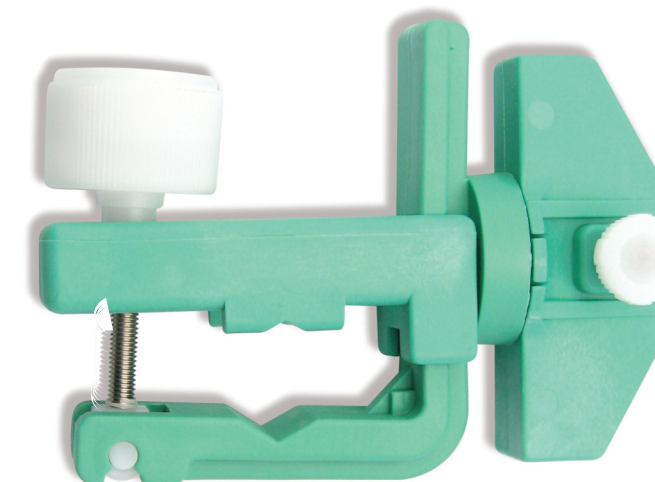
Code	Number of lateral ports	Extension tube	Box/case
873.02	2	50	25/150
873.12	2	100	25/150
873.03	3*	50	25/150
873.13	3*	100	25/150
873.04	4	50	25/150
873.14	4	100	25/150
873.24	4	200	15/90
873.94	4	—	25/150
873.15	5*	100	25/100
873.25	5*	200	25/100

* Including the side arm of a 3-way stopcock located at the exit of the ramp.



870.01 Holder for ramps of stopcocks 3/144

Can be adjusted to fit any support.
Not sterile.



Code 870.01



STOPCOCKS

876.20 Vyclic-colour

70876.20 Vyclic 50/600

Lockable three-way stopcock (PC-PE).

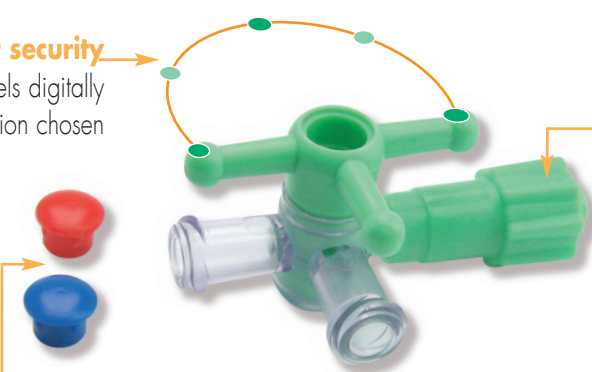
- User feels digitally the position chosen
 - Safety Luer-lock prevents accidental disconnections
 - Lipid-resistant
- Code 876.20: with clips (red and blue)
Code 70876.20: without colour coded clips



Vyclic-colour The 3 way stopcock for safe connections

Click for security

User feels digitally
the position chosen



Safety Luer-lock

prevents accidental disconnections

Identification caps

for venous use (blue)
for arterial use (red)

875.00 Three-way Luer stopcock (PC-PE)

50/600

Lipid-resistant. Two female Luer-lock ports – 1 male Luer port.
With colour coded identification caps for arterial (red) or venous (blue) use.



Code 875.00

872.10 Lockable one-way stopcock (PC-PE)

50/900

Bore: 2.1 mm



Code 872.10

871.10 One-way stopcock (PC-PE)

50/900

Bore: 2.1 mm

879.00 Stopcock for exchange transfusion (PC-PE)

50/900



Code 879

EXTENSION TUBE FOR TIVA



841.361 Octopus for TIVA

10/240

Octopus for TIVA is a triple lumen catheter extension tube specifically designed for total intravenous anaesthesia by target controlled infusion.

Octopus for TIVA meets the three requirements of this technique:

- 3 separate lumens
- as short as possible (10 cm long) with low priming volume (0.4 ml)
- equipped with non-return valves.

Colour coded clamps prevent any risk of confusion.

Octopus for TIVA can be used in the operating theatre and in the recovery room.



Clamp	Operating theatre	Recovery room
	Pain/Analgesia	Pain/Analgesia/PCA
	Hypnotic	Free/Antibiotics or other drug therapies required by the patient
	Curare / Maintenance line for fluids and other drug requirements	Free/Maintenance line for fluid requirements

Characteristics of the Octopus for TIVA:

Lumen 1, 2 and 3: int. – ext. Ø 1.5 x 2.5 mm – Length 10 cm
Priming volume 0.4 ml (per lumen) – Flow rate 170 ml / min (x 3)

TIVA: The benefits of Octopus 841.361

ACCURATE

Three lumen 10 cm extension tubes with an internal diameter offering excellent accuracy for administration.

CHEMICALLY INERT

The Octopus tubing is made of polyurethane: a chemically inert material to prevent altering the efficacy of injected medications.

PRACTICAL

Obturator caps are used to close and protect the female Luer-lock ports when not in use.

PREVENTS DRUG INTERACTIONS

Medications do not mix until they arrive in the cannula, thereby preventing drug interactions.

SECURITY

Proximal non-return valves prevent back-tracking and accidental bolus delivery.

PREVENTS CONFUSION

A different colour code is used for each lumen.



EXTENSION TUBES

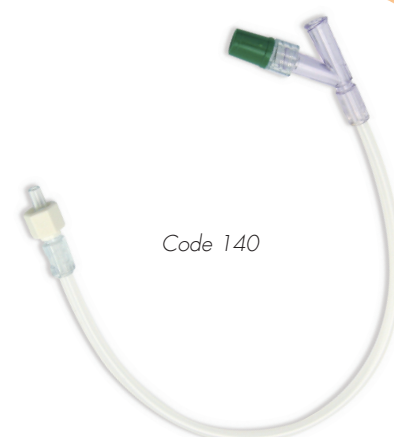
TRIPLE-LAYER EXTENSION TUBES

New generation of extension tubes with excellent transparency and resistance (PVC) and good flexibility (PVC/VYG2). The inner layer (PE) of the tube also gives this material excellent chemical inertia (infused products are not adsorbed onto the tube wall).

140 Extension tube with side port

Internal diameter 2.5 mm.
With injection cap for needle injections.

Code	Int. Ø - Ext. Ø mm	Priming volume ml	Length cm	Box / case
140.00	2.5 - 4.0	1.70	25	50/300
140.80	2.5 - 4.0	4.40	80	25/150



Code 140

141/70141 Extension tube with 3-way stopcock

Internal diameter 2.5 mm. Lipid-resistant stopcock.
Code 141: injection cap on stopcock side port.
Code 70141: male Luer-lock cap (without membrane) on stopcock side port.
Tested at 10 kg / cm² - 145 psi (without injection cap).

Code	Int. Ø - Ext. Ø mm	Priming volume ml	Length cm	Box / case
141	70141			
141.01	70141.01	2.5 - 4.0	0.90	13.5 50/300
141.00	70141.00	2.5 - 4.0	1.40	25 50/300
-	70141.05	2.5 - 4.0	2.70	50 50/300
141.80	70141.80	2.5 - 4.0	4.20	80 25/150
-	70141.10	2.5 - 4.0	5.20	100 50/200



Code 141

220 Multi-purpose extension tube

Internal diameter 2.5 mm.
Female Luer-lock / Male Luer-lock. Tested at 10 kg/cm² - 145 psi

Code	Int. Ø - Ext. Ø mm	Priming volume ml	Length cm	Box / case
220.010	2.5 - 4.0	0.90	13.5	25/300
220.020	2.5 - 4.0	1.50	25	25/300
220.050	2.5 - 4.0	2.70	50	25/300
220.070	2.5 - 4.0	3.70	70	25/150
220.100	2.5 - 4.0	5.20	100	25/150
220.150	2.5 - 4.0	7.60	150	25/150
220.200	2.5 - 4.0	10.00	200	25/150



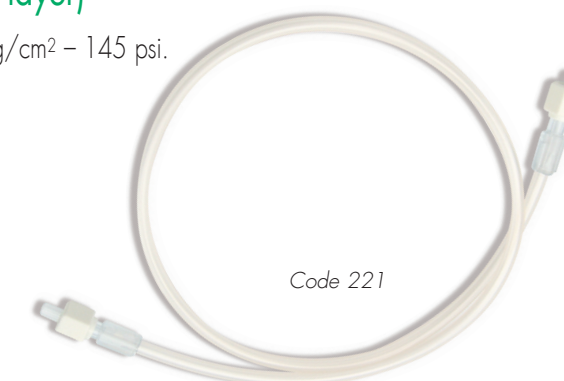
Code 220

EXTENSION TUBES

221 Male / male extension tube (triple layer)

Internal diameter 2.5 mm. Male Luer-lock/Male Luer-lock. Tested at 10 kg/cm² - 145 psi.

Code	Int. Ø - Ext. Ø mm	Priming volume ml	Length cm	Box / case
221.050	2.5 - 4.0	2.70	50	25/300
221.100	2.5 - 4.0	5.10	100	25/300
221.150	2.5 - 4.0	7.60	150	25/300
221.200	2.5 - 4.0	10.00	200	25/150

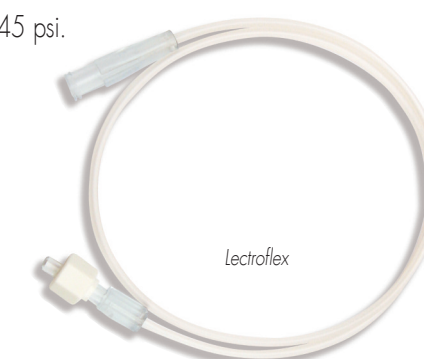


Code 221

222 Lectroflex (triple layer)

Internal diameter 1.5 mm. Female Luer-lock/Male Luer-lock. Tested at 10 kg/cm² - 145 psi.

Code	Int. Ø - Ext. Ø mm	Priming volume ml	Length cm	Box / case
222.020	1.5 - 2.5	0.70	25	25/300
222.050	1.5 - 2.5	1.10	50	25/300
222.100	1.5 - 2.5	2.00	100	25/150
222.150	1.5 - 2.5	2.90	150	25/150
222.200	1.5 - 2.5	3.80	200	25/150



Lectroflex

POLYETHYLENE EXTENSION TUBES

"High pressure" extension tubes tested at 40 bar (580 psi). Recommended for measuring arterial pressure and for venous routes whenever the extension tube conveys a solution which gives rise to interactions with PVC.

- **Lectro-Cath**: with colour coded clips for venous lines (blue), arterial lines (red), in **double pack**
- **PE extension**: without colour coded clip, in single pack.

1155 Lectro-Cath

71100 PE extension tube

Internal diameter 1.0 mm. Female Luer-lock/Male Luer-lock.

Code	Int. Ø - Ext. Ø mm	Priming volume ml	Length cm
Lectro-Cath	PE extension tube		
1155.01*	71100.01	1.0 - 2.0	0.40 11
1155.03	71100.03	1.0 - 2.0	0.60 30
1155.05	71100.05	1.0 - 2.0	0.70 50
1155.10	71100.10	1.0 - 2.0	1.20 100
1155.15	71100.15	1.0 - 2.0	1.60 150
1155.20	71100.20	1.0 - 2.0	2.00 200

* Code 1155.01: Length 15 cm.



Lectro-Cath



POLYETHYLENE EXTENSION TUBES

1159 Lectro-Cath

71101 PE extension tube 50/300

Internal diameter 1.5 mm. Female Luer-lock/Male Luer-lock.

Code		Int. Ø - Ext. Ø mm	Priming volume ml	Length cm
Lectro-Cath	PE extension tube			
1159.01	-	1.5 - 2.5	0.50	11
1159.03	-	1.5 - 2.5	0.80	30
1159.05	71101.05	1.5 - 2.5	1.10	50
1159.10	71101.10	1.5 - 2.5	2.00	100
1159.15	71101.15	1.5 - 2.5	2.80	150
1159.20	71101.20	1.5 - 2.5	3.60	200



Lectro-Cath

1188 Lectroguard 50/300

Anti-UV extension tube. New extension tube protecting against UVA/UVB/UVC rays when infusing light-sensitive drugs. The tube is translucent to allow detection of air bubbles.

Code	Int. Ø - Ext. Ø mm	Priming volume ml	Length cm
1188.15	1.0 - 2.0	1.60	150
1188.20	1.0 - 2.0	2.00	200



Lectroguard

COILED POLYETHYLENE EXTENSION TUBES

Polyethylene I.V. extension tubes. Particularly recommended for use when transporting patients receiving infusions, for children (for all types of I.V. catheterisation) and adults under I.V. therapy at home. Lectro-Spiral's coiled presentation offers the patient much more freedom of movement than a straight extension tube.

1155/1159 Lectro-Spiral 15/135

Spiral extension tube. Male Luer-lock/Female Luer-lock.

Code		Int. Ø - Ext. Ø mm		Priming volume ml		Length cm
1155	1159	code 1155	code 1159	code 1155	code 1159	
1155.60	1159.60	1 - 2	1.5 - 2.5	1.2	2.0	100
1155.65	1159.65	1 - 2	1.5 - 2.5	1.6	2.8	150
1155.70	1159.70	1 - 2	1.5 - 2.5	2.0	3.6	200
1155.80	1159.80	1 - 2	1.5 - 2.5	2.9	5.2	300
1155.90	1159.90	1 - 2	1.5 - 2.5	3.8	6.9	400



Lectro-Spiral

PCA EXTENSION TUBES



PCA EXTENSION TUBES

Definition:

Non-return valve: the valve prevents backtracking, but the pressure needed to open the device is relatively low. Most non-return valves open under the pressure of a solution infused by gravity.

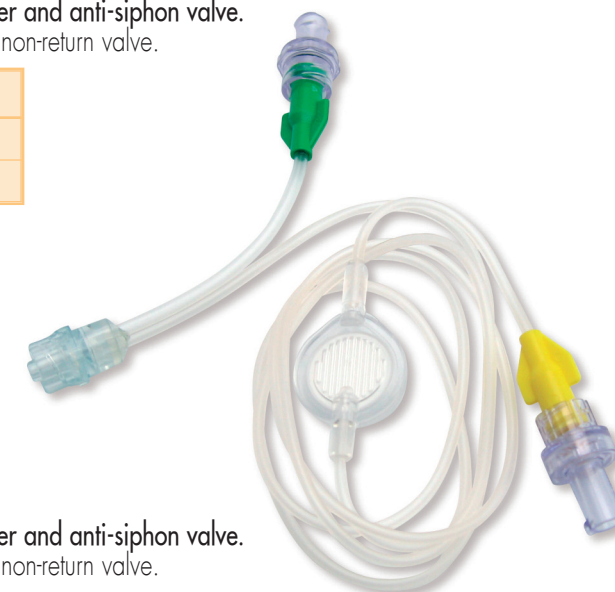
Anti-siphon valve: anti-siphon valves also prevent backtracking, but they have a high opening pressure (approximately 100/150 mmHg). Anti-siphon valves are used with syringe pumps. The valve prevents downloading of the infused product if the syringe is poorly positioned on the syringe pump or if the syringe is defective, particularly if the pump is located high above the patient.

815.12 PCA extension tube 10/240

Double lumen extension tube (triple-layer) with air eliminating filter and anti-siphon valve. Lumen 1 with 0.22 µm filter and anti-siphon valve. Lumen 2 with non-return valve.

Lumen	Int. Ø - Ext. Ø mm	Priming volume ml	Length cm	Flow rate ml/min
1	1.0 - 2.15	1.30	90	4
2	1.8 - 2.6	0.40	5	140

Code 815.12



080.815.12B PCA extension tube 10/240

Double lumen extension tube (triple-layer) with air eliminating filter and anti-siphon valve. Lumen 1 with 0.22 µm filter and anti-siphon valve. Lumen 2 with non-return valve.

Lumen	Int. Ø - Ext. Ø mm	Priming volume ml	Length cm	Flow rate ml/min
1	1.0 - 2.15	1.60	125	2.7
2	1.8 - 2.6	0.40	5	140

815.13 PCA extension tube 10/240

Triple lumen extension tube with air eliminating filter and anti-siphon valve.

This extension tube is designed for pain treatment of patients suffering from sickle cell disease. The 3rd lumen of the extension tube is connected to a syringe driver which will continuously infuse morphine according to the rate prescribed by the physician.

Lumen 1 (PVC) with 0.22 µm filter and anti-siphon valve

Lumen 2 and 3 (PUR) with non-return valve.

Lumen	Int. Ø - Ext. Ø mm	Priming volume ml	Length cm
1	1.50 - 2.50	2.8	90
2	0.55 - 1.05	0.3	5
3	0.55 - 1.05	0.3	5

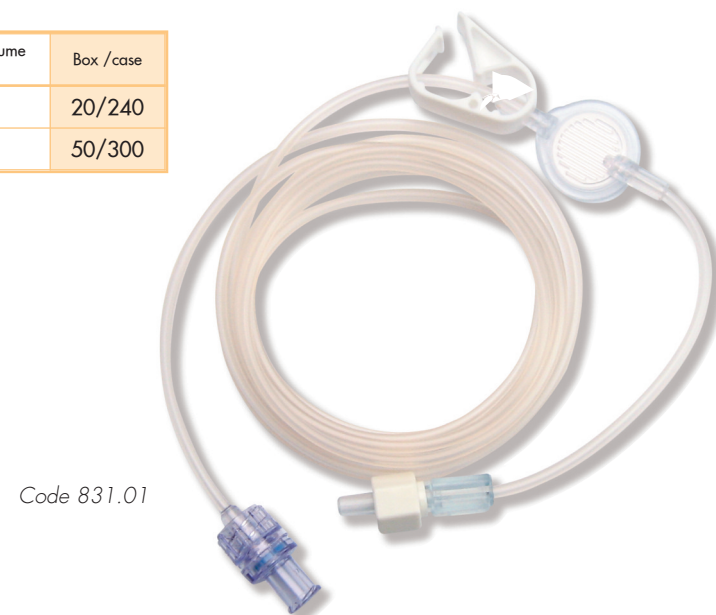
EXTENSION TUBES FOR SYRINGE DRIVERS

831.01 Extension tube with anti-siphon valve and filter

832.01 Extension tube with anti-siphon valve

Triple layer **extension tube for use with syringe pumps, PCA**
Supplied with clamp
Code 831.01: with 0.22 µm air eliminating filter, code 832.01 without filter.

Code	Int. Ø - Ext. Ø mm	Length cm	Priming volume ml	Box /case
831.01	1.0 - 2.5	150	1.90	20/240
832.01	1.0 - 2.5	150	1.40	50/300



Code 831.01

833/834 Coiled extension tube with anti-siphon valve

15/135

Code 833: internal diameter 1.5 mm – Female Luer-lock / Male Luer-lock. Triple layer (PVC/VYG2/PE).

Code 834: internal diameter 1.0 mm – Female Luer-lock / Male Luer-lock. Triple layer (PVC/VYG2/PE).

Code		Int. Ø - Ext. Ø mm		Priming volume ml		Length cm
833	834	833	834	833	834	
833.60	834.60	1.5 - 2.5	1.0 - 2.5	2.00	1.00	100
833.65	834.65	1.5 - 2.5	1.0 - 2.5	2.90	1.40	150
833.70	834.70	1.5 - 2.5	1.0 - 2.5	3.80	1.80	200
833.80	834.80	1.5 - 2.5	1.0 - 2.5	5.60	2.60	300
833.90	834.90	1.5 - 2.5	1.0 - 2.5	7.30	3.40	400



Code 834

VENOUS FILTERS / VALVES

VENOUS FILTERS

807.01/02 Extension tube with 96 hour I.V. filter

10/120

Extension tube (PVC) with clamp and 0.22 µm air eliminating filter for filtering bacteria, endotoxins and particulate matter (latex, glass, etc.).

Code 807.01: with injection site. Total length 35 cm. Priming volume: 4.1 ml

Code 807.02: without injection site. Total length 30 cm. Priming volume: 3.3 ml.



Code 807.02

VALVES

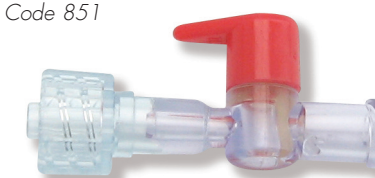
851 Non-return valve

30/1440

Code 851.00: with rotating valve

Code 851.01: with fixed valve.

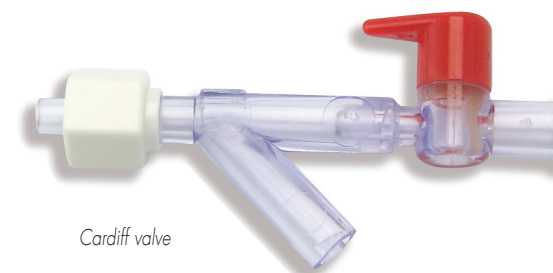
Code 851



284.00 Cardiff valve

25/600

To overcome the problem of backtracking when two solutions of different densities are used. The higher density solution should always be attached to the lateral port.



Cardiff valve

STOPPERS AND CONNECTORS

891.00 Male Luer-lock stopper
100/4800 with injectable membrane



880.50 Male Luer stopper
100/4800 with injectable membrane



886.00 Male Luer-lock obturator
100/4800



9888 Dual end male Luer-lock / female
9889 Luer-lock stopper
100/1000

Code 9888.00: red stopper
Code 9888.002: white stopper
Code 9889.000: blue stopper.



888.06 Female Luer-lock stopper
100/4800



874.10 Double cone connector male Luer to male Luer
100/4800



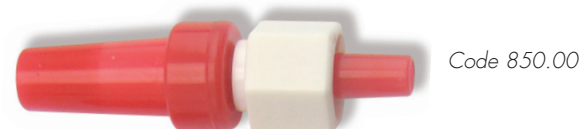
892.00 Female Luer-lock to female
30/2880 Luer-lock connector



893.00 Male Luer-lock to male Luer-lock connector
30/2880



850.00 2-way valve
30/2880
With Luer-lock connector.



DRESSING FILMS / CONNECTORS

885.00 Connector with side outlet
25/1200

Two female Luer-lock ends. One male Luer end.



889.00 Luer-lock connector with side outlet
25/1200

Two female Luer-lock ends. One male Luer-lock end.



800.00 Adaptor for connecting large syringe
50/2400 to small tubes



801.00 Connector to fit a luer syringe to a tube
30/2880



DRESSING FILMS

38 Dermafilm

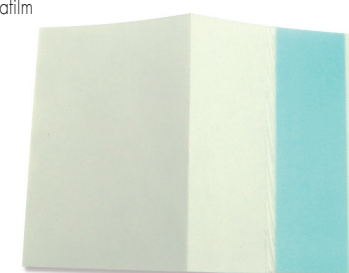
Transparent polyurethane dressing film for protecting catheter introduction sites. Dermafilm has a detachable strip and is self-adhesive, permeable to water vapour and oxygen, hypoallergenic, stretchable and sterile.

Code	Size cm	Adhesive cm	Box / case
38.08.06	8 X 6	6 X 6	50/1050
38.15.10	14 X 10	10 X 10	50/1050
38.15.20	14 X 20	10 X 20	50/500
38.20.15	20 X 15	15 X 15	50/1050
38.30.15	33 X 15	25 X 15	20/420
38.09.81*	9.5 X 6	7.5 X 6	50/1050

*U-shaped Dermafilm



U-shaped Dermafilm



Dermafilm



SILICONE SPRAY / SURGICAL BRUSHES

SILICONE SPRAY

985.03 Silisonde 2

6

Silicone lubricating spray. New formulation without CFC. Non-flammable.
300 ml bottle. Net weight 347 g.



SURGICAL BRUSHES

901.00 Impregnated surgical brush

25/200

With sponge impregnated with 12 % Povidone-iodine in a 15 ml solution of Teepol, P.E.G. and water.
Supplied with nail cleaner.

902.00 Impregnated surgical brush

25/200

With sponge impregnated with 20 % Chlorhexidine in a 15 ml solution of isopropyl alcohol and water.
Supplied with nail cleaner.

903 / 70903 Dry surgical brush

25/200

Code 903.00: with sponge and nail cleaner.

Code 70903.00: with sponge without nail cleaner.

Sterilised by ethylene oxide.

Code 903.00

