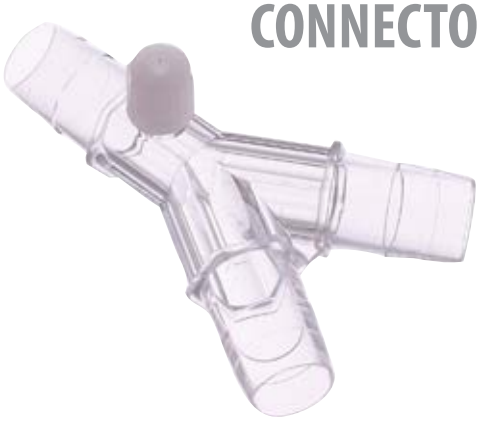
EUROSETS

OEM

CATALOGUE

Y CONNECTORS



Quality Of Materials The polycarbonate material gives high tensile strength resistance.
Emocompatibility The completely smooth and radial internal surfaces prevents from the risk of damaging the cells.
Perfect Coupling The external coupling surface of the connector without joints grants a perfect coupling with tubes and avoids leaks.
Safety For the L.L. versions the luer is obtained from moulding and not subsequently assembled in order to prevent any possible leaks.

***Note**: All type of connectors can be available PC (Phosphorylcholine) coated, with **AG**xxxx/V (instead of **EU**xxxx/V).*
MOQ: 1000 pcs.

Y CONNECTORS

CODE	PORT 1	PORT 2	PORT 3	LUER
EU3300/V	1/4″	3/8″	1/4″	no
EU3301/V	3/8″	3/8″	1/4″	yes
EU3302/V	1/4″	1/4″	1/4″	no
EU3303/V	3/8″	3/8″	3/8″	no
EU3304/V	1/2″	1/2″	1/2″	no
EU3305/V	3/16″	3/16″	3/16″	no
EU3306/V	1/4″	1/4″	3/8″	no
EU3307/V	3/8″	3/8″	1/2″	no
EU3308/V	1/4″	3/8″	3/8″	no
EU3309/V	3/8″	1/2″	1/2″	no
EU3310/V	1/4″	1/4″	1/4″	yes
EU3311/V	3/8″	3/8″	3/8″	yes
EU3312/V	1/2″	1/2″	1/2″	yes
EU3313/V	1/4″	3/8″	1/4″	yes
EU3314/V	1/4″	1/4″	3/8″	yes
EU3315/V	3/8″	3/8″	1/2″	yes
EU3316/V	1/4″	3/8″	1/2″	no
EU3317/V	3/8″	1/2″	1/2″	yes
EU3337/V	3/16″	3/16″	1/4″	no
EU3338/V	3/16″	3/16″	1/4″	yes
EU3339/V	1/4″	3/8″	3/8″	yes
EU3343/V	3/16″	3/16″	3/16″	yes
EU3344/V	1/4″	3/8″	1/2″	yes
EU3351/V	1/4″	1/2″	1/2″	no
EU3353/V	3/8″	3/8″	1/4″	no
EU3355/V	1/4″	1/2″	1/2″	yes

CONNECTORS ADAPTERS

CODE	PORT 1	LUER PORT
EU3400/V	1/4″	LUER
EU3401/V	3/8″	LUER
EU3402/V	1/4″	LUER LOCK
EU3403/V	3/8″	LUER LOCK

STRAIGHT CONNECTORS

PORT **1**

PORT **2**

Note: *All type of connectors can be available PC (Phosphorylcholine) coated, with* ***AG****xxxx/V (instead of* ***EU****xxxx/V).*

MOQ: 1000 pcs.

STRAIGHT CONNECTORS AND SPIKE

CODE	PORT 1	PORT 2	LUER	MOQ
EU3318/V	1/4″	1/4″	no	
EU3319/V	3/8″	3/8″	no	
EU3320/V	1/2″	1/2″	no	
EU3321/V	3/16″	3/16″	no	
EU3322/V	1/4″	3/8″	no	
EU3323/V	3/8″	1/2″	no	
EU3324/V	1/4″	1/2″	no	
EU3326/V	1/4″	1/4″	yes	
EU3327/V	3/8″	3/8″	yes	
EU3328/V	1/2″	1/2″	yes	
EU3329/V	3/16″	3/16″	yes	
EU3330/V	1/4″	3/8″	yes	
EU3331/V	3/8″	1/2″	yes	
EU3332/V	3/8″	5/8″	no	
EU3334/V	1/4″	1/2″	yes	
EU3335/V	3/16″	1/4″	no	
EU3336/V	3/16″	1/4″	yes	
EU3341/V	3/8″	5/8″	yes	
EU3342/V	1/2″	5/8″	yes	
EU3352/V	1/2″	5/8″	no	
EU3528	1/4″	spike	-	
EU3527	vented cap for spike		-	1000
EU3528	spike alto flusso per tubo 1/4″			1000
EU3105	temperature probe with luer		yes	500

GAS FILTER

High sterilizing filtering efficiency
Removes batteric particles and aerosol with an efficiency > 99,99999 %
Special materials
acrylic co-polymer hydrophobic/oleophobic sterilizing membrane.
High safety
the materials used prevents from the risk of breaking of membrane due to overpressure.
Low resistance to gas flow
minimal flow 160 l/m at 350 cmH_2O

CODE	DESCRIPTION	MOQ
EU3779	Gas Filter (Bulk version) 100	500

PRE BY-PASS FILTER 0,2 µm

High filtering efficiency
Allows removal of particles class 0,2 µm from the priming solution of the extracorporeal circulation circuit.
Easy-to-use
The transparent body facilitates priming operations and recovery of the solution contained in the filter.
Technical and functional characteristics
• High filtration efficiency and low resistance
• Maximum operating flow:5 l/min
• Priming volume:179 ml
• Transparent body fitted with 3/8" connector for the acellular solution inlet and out

CODE	DESCRIPTION	MOQ
EU3875	Pre-by pass Filter 0,2 µm with vent	100
EU3841	Pre-by pass Filter 0,2 µm	100

PRE BY-PASS FILTER

High filtering efficiency
Allows removal of particles class 5 µm from the priming solution of the extracorporeal circulation circuit.
Easy-to-use
The transparent body facilitates priming operations and recovery of the solution contained in the filter.
Wide range of versions
The pre-bypass filter is available in 4 versions, to allow connection with every circuit.

CODE	DESCRIPTION	MOQ
EU3285	Pre-by pass Filter 3/8" x 1/2"	200
EU3286	Pre-by pass Filter 1/4" x 1/4"	200
EU3287	Pre-by pass Filter 1/4" x 3/8"	200
EU3288	Pre-by pass Filter 3/8" x 3/8"	200

ARTERIAL FILTERS

SHERLOCK

Efficacy
• Innovative Flow-dynamic.
• Low shear stress.
• High micro bubbles removal efficiency.
Thanks to the INNOVATIVE tangential Blood flow Support, the blood remains long time in the upper de-bubbling chamber, thus, the "bubble trap" efficacy raise up dramatically.
The blood flow dynamic has been longer employed to deeply decrease the rheological stress, and the potential blood damage.

Characteristics
• Housing Material: Polycarbonate
• Fiber Material: Polyester
• Prime Volume: 179 ml
• Filter pore size: 40 µm
• Blood ports: 3/8" (10 mm)
• Maximum blood flow rate: 8.0 l/min
• Low pressure drop
• Easy to debubble
• Very low resistance, no blood trauma produced

Semi Integrated By-pass Version
The innovative semi-integrated by pass version allows the operator to:
• Confide on the same Sherlock's characteristics
• Reduce the total priming volume in the extra corporeal circuit
• Simplify and speed up the priming procedure
• Switch faster in a by pass mode

CODE	DESCRIPTION	MOQ
EU3787/V	Sherlock Arterial Filter 2 ways	100
EU3788/V	Sherlock Arterial Filter with semi integrated by pass	100

***Note**: The above codes can be available PC (Phosphorylcholine) coated, with **AG**xxxx/V (instead of **EU**xxxx/V).*

MINI SHERLOCK

Efficacy
- Innovative Flow-dynamic.
- Low shear stress.
- High micro bubbles removal efficiency.

Thanks to the INNOVATIVE tangential Blood flow Support, the blood remains long time in the upper de-bubbling chamber, thus, the "bubble trap" efficacy raise up dramatically.
The blood flow dynamic has been longer employed to deeply decrease the rheological stress, and the potential blood damage.

Characteristics
- Housing Material: Polycarbonate
- Fiber Material: Polyester
- Prime Volume: 90 ml
- Filter pore size: 40 µm
- Blood ports: 3/8" (10 mm)
- Maximum blood flow rate: 5.0 l/min
- Low pressure drop
- Easy to debubble
- Very low resistance, no blood trauma produced

CODE	DESCRIPTION	MOQ
EU3748/V	Mini-Sherlock Arterial Filter	100

***Note**: The above code can be available PC (Phosphorylcholine) coated, with **AG**xxxx/V (instead of **EU**xxxx/V).*

ARTERIAL FILTERS

BABY SHERLOCK

Efficacy
- Innovative Flow-dynamic.
- Low shear stress.
- High micro bubbles removal efficiency.
- Low Priming.
- Easy to debubble.
- Very low resistence, no blood trauma produced.

The blood flow dynamic deeply decrease the rheological stress, and the potential blood damage.

Characteristics
- Housing Material: Polycarbonate
- Fiber Material: Polyester
- Prime Volume: 35 ml
- Filter pore size: 40 µm
- Blood ports: 3/8" (10 mm)/1/4" (6.35mm)
- Maximum blood flow rate: 3.2 l/min

CODE	IN/OUT CONNECTIONS	MOQ
EU5545/V	1/4"-1/4"	100
EU5544/V	3/8" - 3/8"	100

***Note**: The above codes can be available PC (Phosphorylcholine) coated, with **AG**xxxx/V (instead of **EU**xxxx/V).*

GOCCIA

GOCCIA MICRO is the ideal filter for transfusion safety.
- Priming volume: 35 ml
- High filtering flow rates for amounts of whole blood up to 2000 ml
- Easy debubbling
- High filtering efficiency
- microaggregate removal > 25 µm: 95% (MICRO 20)
- microaggregate removal > 40 µm: 95% (MICRO 40)
- Injection point (in the version with infusion set)
- Maximum working pressure: 400 mmHg
- Polyester monofilament screen filter

CODE	DESCRIPTION	MOQ
EU3047/B	Goccia Filter 25 µm with 1/4" outlet male connector	100
EU3048/BULK	Goccia Filter 40 µm	100
EU3051	Goccia Filter 40 µm with Drip Chamber	100
EU3056	Goccia Filter 25 µm with Drip Chamber	100
EU3139	Goccia Filter 25 µm (B) without 1/4" outlet male connector	100
EU3799	Goccia Filter 40 µm IN-OUT 1/4" - 1/4"	100

CARDIOPLEGIA FILTERS

High filtering efficiency
Allows removal of pollutants larger than 0,2 µm from the cardioplegic solution.

Special Materials
Acrylic co-polymer filtering membrane with nylon support and polyester screen.

CODE	DESCRIPTION	MOQ
EU3290	Cardioplegia Filter 0,2 µm	200

Sizes
Colours: blue, green, pink, red, white and yellow.

Material
Rigid thermoplastic or elastomeric thermoplastic material.
Eurosets caps are designed for a double use: the same size fits perfectly both for connectors and tubing (every thickness), so few codes are enough for every manufacturing need.
Moreover, longitudinal rings allows an ergonomic hold that helps during manufacturing and final use of the product.

CODE	DESCRIPTION	MOQ
EU3521B/V	Cap 1/4 Blue	3000
EU3521G/V	Cap 1/4 Green	3000
EU3521P/V	Cap 1/4 Pink	3000
EU3521R/V	Cap 1/4 Red	3000
EU3521W/V	Cap 1/4 White	3000
EU3521Y/V	Cap 1/4 Yellow	3000
EU3522B/V	Cap 3/8 Blue	3000
EU3522G/V	Cap 3/8 Green	3000
EU3522P/V	Cap 3/8 Pink	3000
EU3522R/V	Cap 3/8 Red	3000
EU3522W/V	Cap 3/8 White	3000
EU3522Y/V	Cap 3/8 Yellow	3000
EU3523B/V	Cap 1/2 Blue	3000
EU3523G/V	Cap 1/2 Green	3000
EU3523P/V	Cap 1/2 Pink	3000
EU3523R/V	Cap 1/2 Red	3000
EU3523W/V	Cap 1/2 White	3000
EU3523Y/V	Cap 1/2 Yellow	3000

TUBING

PVC tubes available in different sizes with 60Sh or 70Sh and with PC (Phosphorylcholine) coating

Legenda
H = 70 Sh
S = 66 Sh
RB4 = 70 Sh
RB5 = 65 Sh
RB6 = 67 Sh

DOP	
CODE	**DESCRIPTION**
EU0501	Tube 3.5 x 5.5 RB4 clear
EU0502	Tube 4.8 x 6.8 RB4 clear
EU0505	Tube 4.3 X 6.8 RB6 clear
EU0511	Tube 1/8 x 1/16 RB5 clear
EU0535	Tube 1/4 x 3/32 RB6 6.36 x 11.12 clear
EU0537	Tube 10 x 13 RB 4 clear
EU0777	Tube 3 x 4.5 RB4 70 SHA
EU1186	Tube 1/4 x 1/16 S Yellow line
EU1187	Tube 1/4 x 1/16 S Green Line
EU1188	Tube 1/4 x 1/16 S Red Line
EU1189	Tube 1/4 x 1/16 S Blue Line
EU1190	Tube 3/8 x 3/32 S Neutral
EU1190B	Tube 3/8 x 3/32 S Blue Line
EU1190R	Tube 3/8 x 3/32 S Red Line
EU1191	Tube 1/2 x 3/32 S Neutral
EU1191B	Tube 1/2 x 3/32 S Blue Line
EU1202	Tube 1/4 x 1/16 H Neutral
EU1203	Tube 3/8 x 1/16 H Neutral
EU1239	Tube 2,15 x 5,35 PVC NO DOP 65Sh
EU1285	Tube 3/16 x 1/16 Neutral
EU1299	Tube PVC 1,8 x 3,5 SH 85
EU1383	Tube 1/2 x 3/32 H Neutral
EU1384	Tube 3/8 x 3/32 H Neutral
EU1385	Tube PVC 1 x 2,5 SH 75
EU1450	Tube 1/4 x 1/16 S Neutral
EU1451	Tube 3/8 x 1/16 S Neutral
EU1490	Tube 1/4 x 1/16 H Yellow Line

EU1492	Tube 1/4 x 1/16 H Red Line
EU1493	Tube 1/4 x 1/16 H Blue Line
EU1499	Tube 1/4 x 1/16 60Sh Neutral
EU1559	Tube 3/8 x 1/16 Tygon S-50-HL
EU1560	Tube 1/2 x 3/32 60Sh Neutral
EU1657	Tube 3/8 x 3/32 60Sh Neutral
EU1660	Tube 2,15 x 5,35 PVC 84Sh
EU1687	Tube 1/2 x 3/32 S CRYSTAL
EU1688	Tube 3/8 x 3/32 S CRYSTAL
EU1689	Tube 1/4 x 1/16 S CRYSTAL

DOP FREE

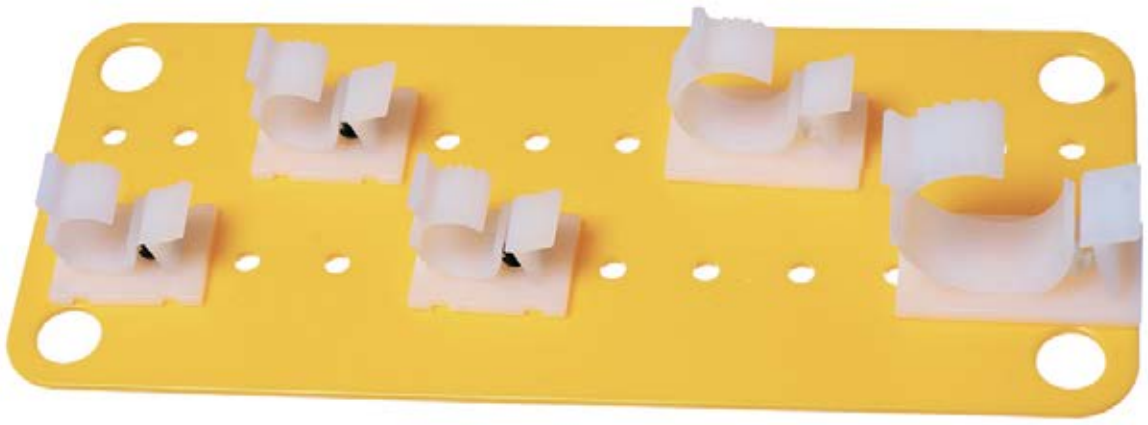
CODE	DESCRIPTION
EU0506	Tube DOP Free 1,8 x 3,5 85SH
EU0504	Tube DOP Free 1/4 x 3/32 RB6
EU0518	Tube DOP Free 3/8 x 1/16 H
EU0522	Tube DOP Free 1/4 x 1/16 Green
EU0523	Tube DOP Free 1/8 x 1/16 RB5
EU0530	Tube DOP Free 8 x 12mm
EU0574	Tube DOP Free 3 x 4,5 70SH
EU0592	Tube DOP Free 1,5 x 3 Double
EU0594	Tube DOP Free 3/16 x 1/16 H
EU0598/ND	Tube 1.9 x 2.9 RB1/DU NDG 92SHA
EU1174	Tube 1/4 x 1/16 Tygon ND-100-65
EU1175	Tube 3/8 x 3/32 Tygon ND-100-65
EU1292	Tube DOP Free 3,5 x 5,5 RB4
EU1293	Tube DOP Free 4,8 x 6,8 RB4
EU1294	Tube DOP Free 4,3 x 6,8 RB6
EU1317	Tube DOP Free 1/4 x 1/16 H
EU1317B	Tube DOP Free 1/4 x 1/16H Blue Line
EU1317G	Tube DOP Free 1/4 x 1/16H Green Line
EU1317R	Tube DOP Free 1/4 x 1/16H Red Line
EU1317Y	Tube DOP Free 1/4 x 1/16H Yellow Line
EU1318	Tube DOP Free 3/8 x 3/32 H
EU1318B	Tube D.F.3/8 x 3/32 H Blue Line
EU1318R	Tube D.F.3/8 x 3/32 H Red Line
EU1319	Tube DOP Free 1/2 x 3/32 H
EU1675	Tube DOP Free 1/2 x 3/32 S 63 SH
EU1676	Tube DOP Free 1/4 x 1/16 S 63 SH
EU1677	Tube DOP Free 3/8 x 3/32 S 63 SH
EU1684	Tube D.F.1/2 x 3/32 H CRYSTAL
EU1685	Tube D.F.3/8 x 3/32 H CRYSTAL
EU1686	Tube D.F.1/4 x 1/16 H CRYSTAL

***Note**: The above codes can be available PC (Phosphorylcholine) coated, with **AG**xxxx/V (instead of **EU**xxxx/V).*

TUBING ORGANIZER

High Flexibility
The New Organizer, thanks to the Swing tubes Clips, guaranties the complete tubes flexibility on the sterile field, preventing possible kinking

Wide Range Available
Eurosets can manufacture every version of tubing organizer, according to the operators need.



CODE	DESCRIPTION	MOQ
EU3723	5 clips tubing organizer	100
EU3727	6 clips tubing organizer	100
EU3729	7 clips tubing organizer	100

Performance
Thanks to its patented geometry it has **high efficiency**;
Stainless steel has a higher heat exchange coefficient compared to plastic materials (i.e. polyurethane).
So this means that for having a fixed efficiency you need a smaller heat exchange area with stainless steel than polyurethane.
Blood is inside the pipes. The pipes inner diameter and the number of pipes has been chosen **for reducing the blood side pressure drop and optimizing the heat exchange area.**
No risk of H_2O_2 migration from water side to blood side.

MISTRAL

Debubbling
Thanks to its geometry it's extremely easy to debubble. We patented the internal geometry with a special stopcock that allows the priming solution to push the air toward the bubble trap (stopcock in priming position), and allows the heat.

Biocompatibility
Mistral is available PC coated

Compactness
The smaller the foreign surface in contact with blood , the smaller is the contribution to the patient inflammatory response

Technical Data
- Priming 35ml
- Surface Area 0,023 m^2
- Blood Flow Rate 0-600 ml/min
- Filter Screen 105 µm
- Connections 1/4" - 1/4"

CODE	DESCRIPTION	MOQ
EU5527/V	Mistral Cristalloid Cardioplegia	18
EU5509/V	Mistral Blood Cardioplegia	18
EU2185/P	Plastic Holder for Mistral	1

HEAT EXCHANGER

High thermal efficiency thanks to: counter-current exchange between blood/cardioplegic liquid and water;
Heat exchange surface is made from stainless steel.
Special path of the liquids that extend the period for thermal exchange.

Integral pressure gauge.
The blood section has inside an integrated pressure column (piezometric tube) for blood pressure measurement inside the device.

De-bubbling chamber: With 120 µm bubble trap filter for the effective and complete elimination of air from the circuit.

Priming: 35 ml

Clear View:
The polycarbonate body provides clear visibility of blood flow, thus any potential bubbles are immediately visible and can be eliminated;

Integrated Access Port for temperature probe type YSI

VISION

CODE	DESCRIPTION	MOQ
EU3064	Vision heat exchanger	20
EU3154	Holder for heat exchanger M1	1

HEAT EXCHANGER

Special Cleaning Treatment
For the best biocompatibility of the device.

High Quality Of Material:
Versions made of stainless steel tubes conforming to EN ISO 9626 and Aluminium tubes conforming to UNI EN 515:1986 are available.

SPIRAL

CODE	DESCRIPTION	MOQ
EU3163	Aluminium Spiral	50
EU3174	Stainless steel spiral	50
EU3266	Pediatric aluminium spiral	50
EU3241	Pediatric stainless steel spiral	50

VALVES

Description

The trivalent valve is used in ECC circuits along the line intended for aspiration from the intracavitary blood coming from the operating field.
The trivalent valve is made up of two sealed plastic bodies.
A cylindrical-shaped silicone valve with one duck beak-shaped end is positioned inside it.
Thanks to the shape of the duck bill silicone valve positioned inside it, the trivalent valve guarantees that the blood passes through it in one direction only and absolutely prevents air from passing through in the opposite direction.
The cylindrical part of the silicone valve positioned inside the trivalent valve is attached to the polycarbonate wall of the valve in which there is a cylindrical hole.
Thanks to its particular configuration, in the event that the duck bill valve closes (e.g. when the roller pump rotates in the wrong direction), the valve deforms to allow a small amount of blood to flow out of the device through dedicated holes thus reducing the excessive positive pressure.
In the event of excessive negative pressure in the suction line (e.g. when the aspirator comes in contact with the tissue wall), the valve deforms to allow a small amount of air to flow into the device, immediately bringing the negative pressure back to physiological values.

Connections/Features

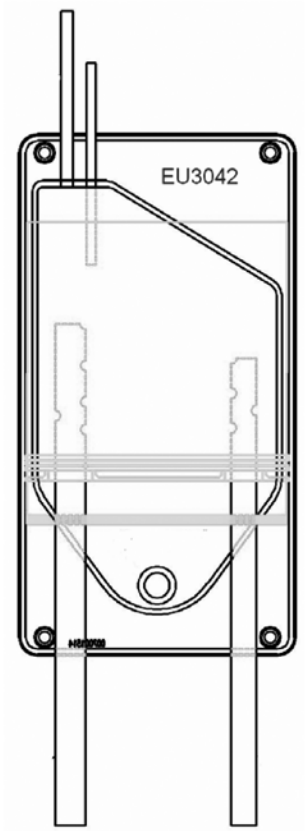
- Inlet 1/4" (6.4 mm)
- Outlet 1/4" (6.4 mm)

The positive pressure is reduced when it reaches approximately 200 mmHg.
The negative pressure is increased when it reaches approximately -300 mmHg.

CODE	DESCRIPTION	MOQ
EU3823	Trivalent 1/4"-1/4" valve	500

VENOUS BAGS

CODE	DESCRIPTION	MOQ
EU5003B/V	VVR1800 Venous Bag 1800 ml	100
AG5003B	VVR1800 Venous bag 1800 ml PC (Phosphorylicholine) coated	100
AG3042	Coated Venous Bag 800 ml (fig. 1)	100

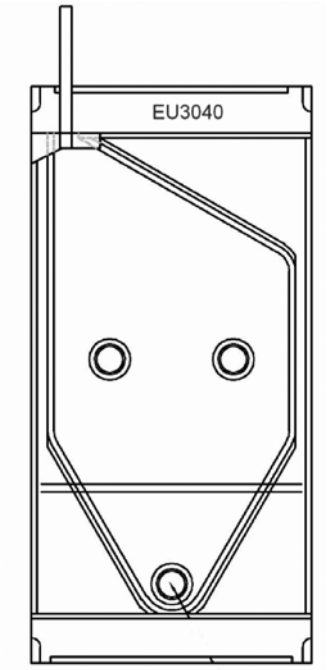


(fig. 1)

BAGS

VENOUS BAGS

CODE	DESCRIPTION	MOQ
EU3040	Venous Bag 8 (fig. 2)	150
EU3042	Venous Bag 800 ml (fig. 3)	100
EU3053	Venous Bag 1300 ml (fig. 4)	100
EU3073	Paediatric Venous Bag (fig. 5)	150
EU3096	Venous Bag 165 ml (fig. 6)	100
EU3110	Venous Bag 800 ml M1 (fig. 7)	80
EU3212	Venous Bag 5 Ports (fig. 8)	50
EU3221	Venous Bag (fig. 9)	100



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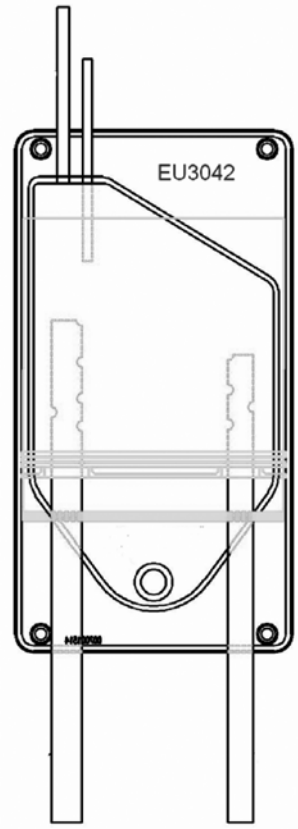
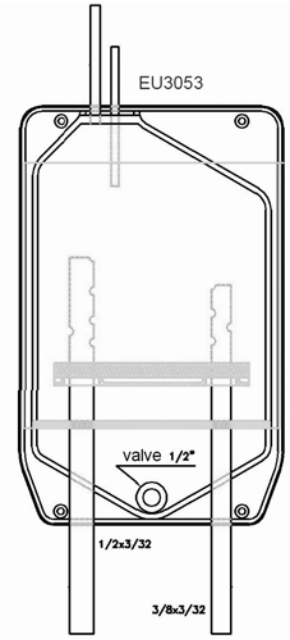


(fig. 3)



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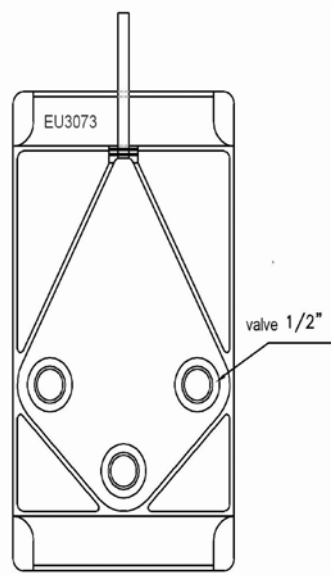
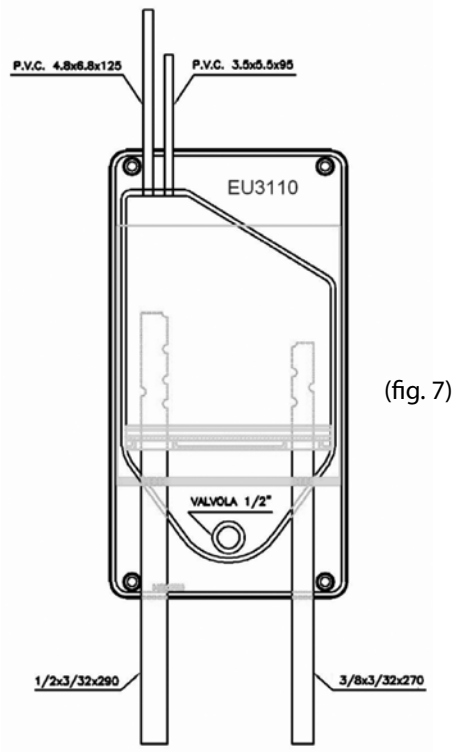
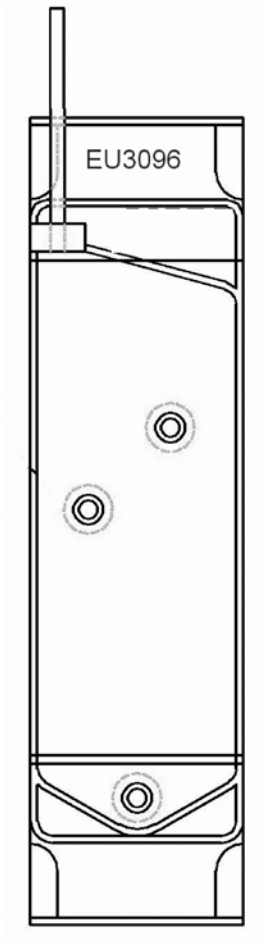


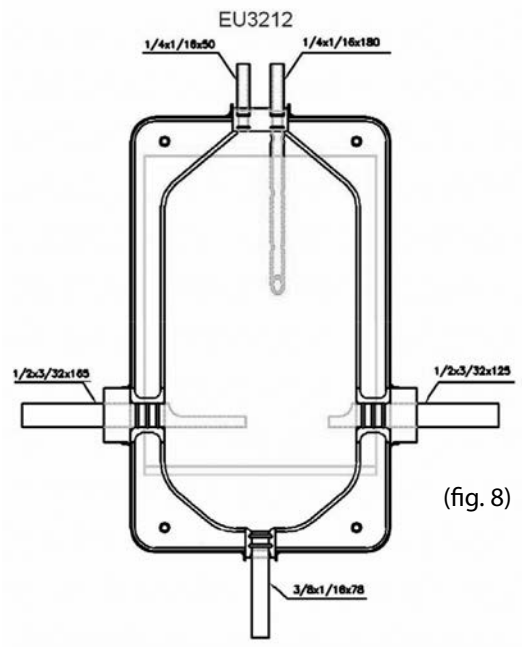
(fig. 5)



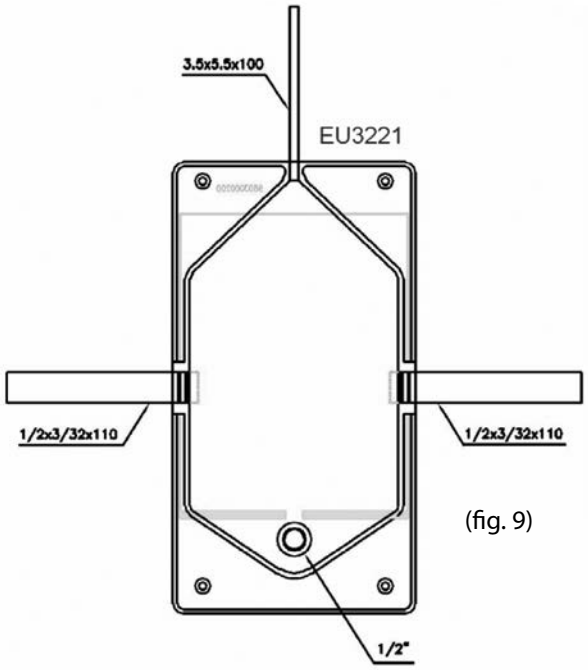
(fig. 7)



(fig. 6)



(fig. 8)

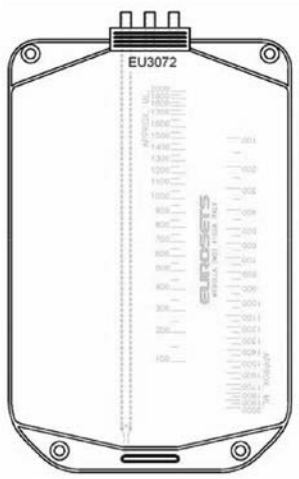


(fig. 9)

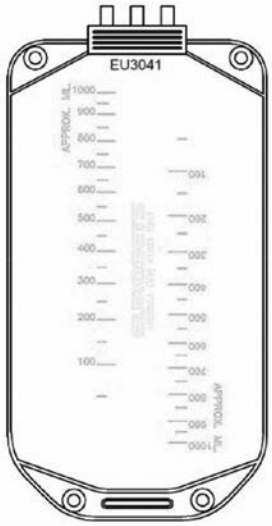
TRANSFER BAGS

GRADUATED BAGS

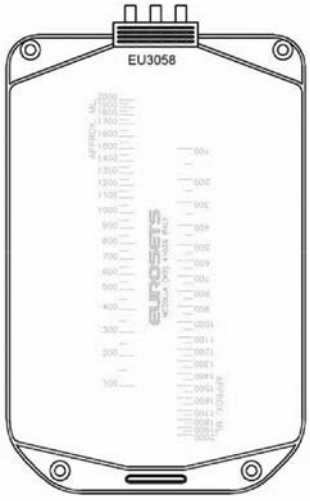
CODE	DESCRIPTION	MOQ
EU3072	Blood Bag 2000 ml W/Vent Tube (fig. 10)	100
EU3041/ND	Graduated Bag 1 Lt No DOP (fig. 11)	250
EU3058/ND	Graduated Bag 2 Lt No DOP (fig. 12)	250
EU3118/ND	Graduated Bag 1 Lt - 5 Ports (fig. 13)	50
EU3291/ND	Bag 1Lt with Stopcock No DOP (fig. 14)	100
EU3298	Bag Transfer with Filter (fig. 15)	100



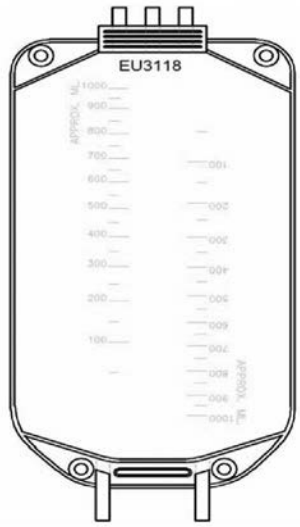
(fig. 10)



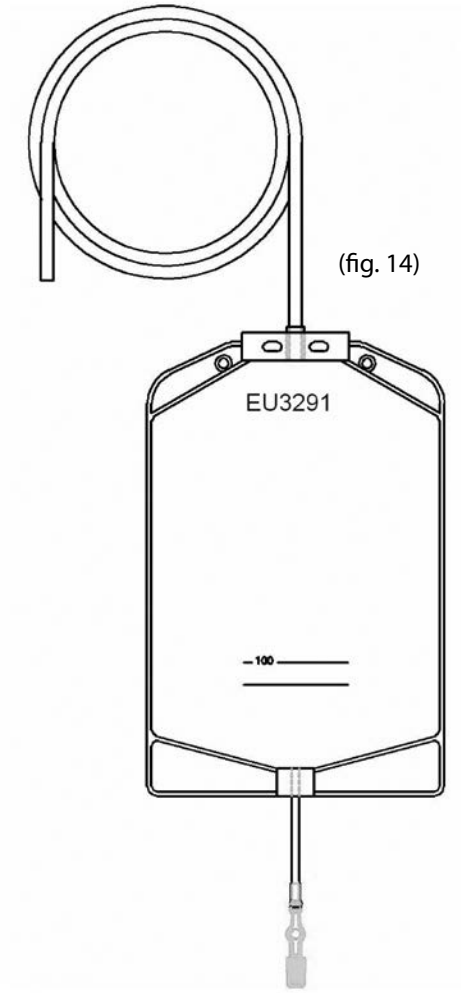
(fig. 11)



(fig. 12)



(fig. 13)



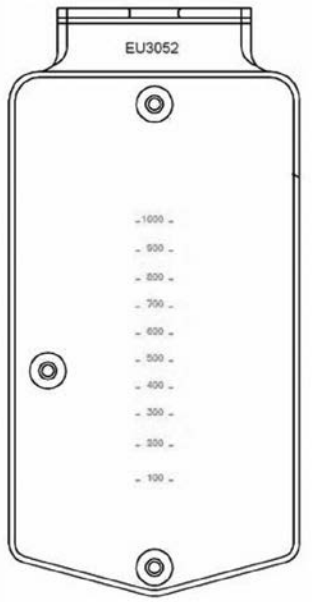
(fig. 14)

(fig. 15)

BAGS

CARDIOPLEGIA BAGS

CODE	DESCRIPTION	MOQ
EU3052	Cardioplegia Bag 1Lt 3 valves (fig. 16)	250
EU3113	Cardioplegia Bag 3 Lt 4 Valves (fig. 17)	150
EU3109	Cardioplegia Bag 3 Lt Graduate (fig. 18)	150
EU3721/ND	Cardioplegia Bag 1700 ml No DOP (fig. 19)	100
EU3745/ND	Cardioplegia Bag 1,2 Lt 5 Valves (fig. 20)	250

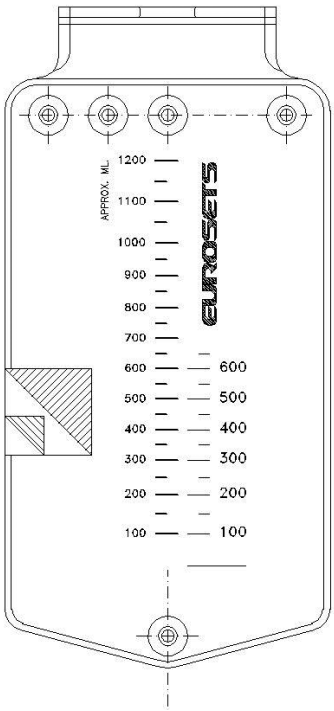


(fig. 16)

(fig. 17)

(fig. 18)

(fig. 19)



(fig. 20)

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Rev. 1 / 2018