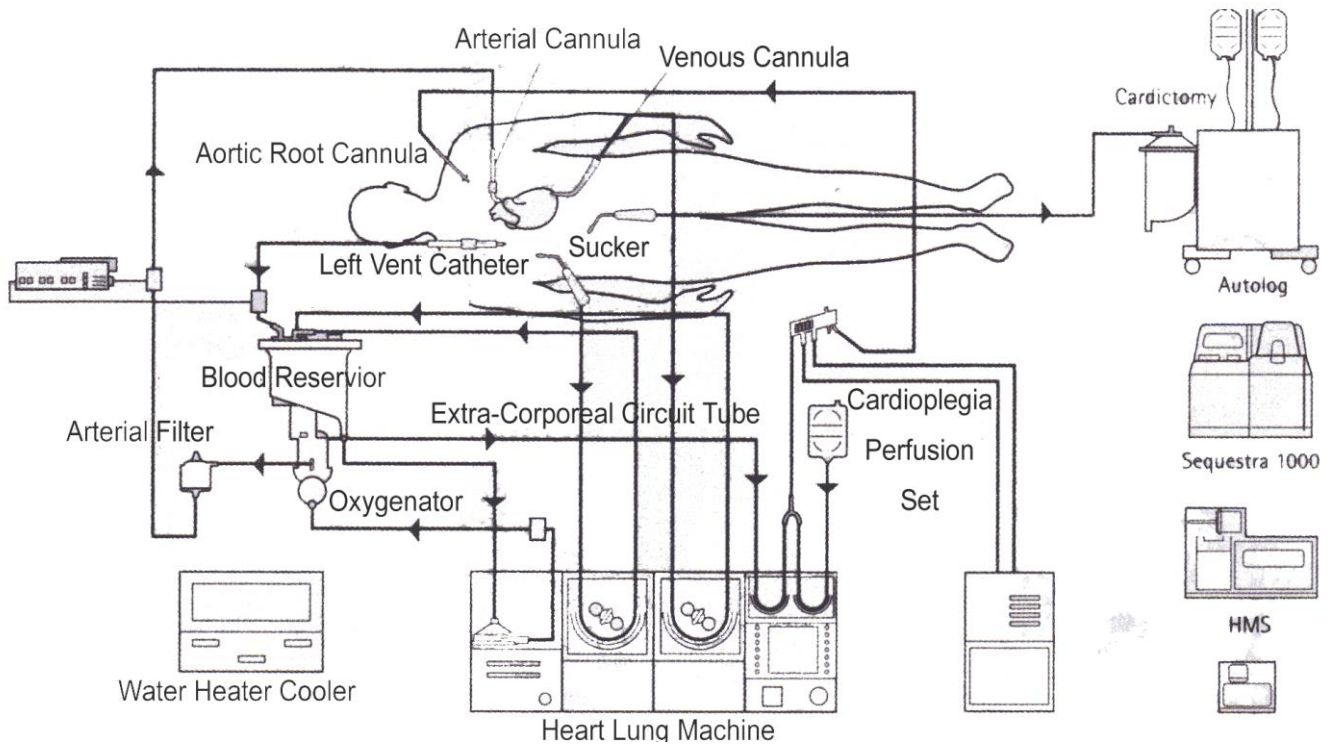


# **CARDIOVASCULAR PRODUCTS**



## Arterial Cannula

CE 0123

Single piece body. Straight or Curved tip, available with connector acceptance, vented connector or non-vented connector. An adjustable or fixed depth ring together with tip and depth line permits precise position of all cannulae.

Pediatric - 20cm length		
Straight Tip	Curved Tip	
Code	Code	Specification
3421110	3422110	10Fr
3421112	3422112	12Fr
3421114	3422114	14Fr
3421116	3422116	16Fr
3421118	3422118	18Fr
Adult - 20cm length		
3421120	3422120	20Fr
3421122	3422122	22Fr
3421124	3422124	24Fr
3421126	3422126	26Fr



Injected Tip, Straight or Curved tip, available with connector acceptance, vented connector or non-vented connector. A fixed ring with tip and depth line permits precise position of cannula.

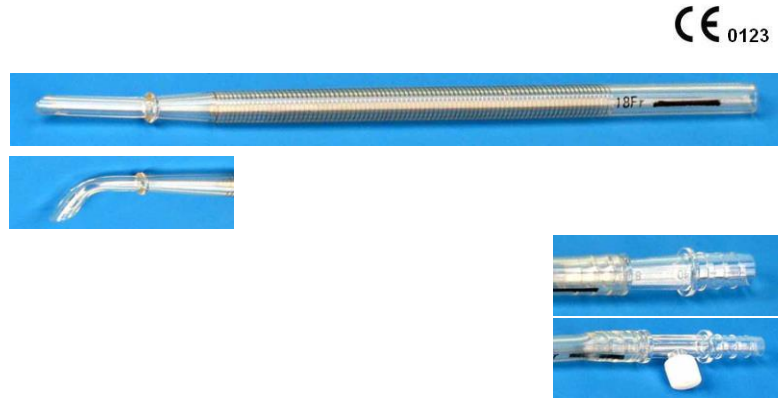
Pediatric - 20cm length		
Straight Tip	Curved Tip	
Code	Code	Specification
3421212	3422212	12Fr
3421214	3422214	14Fr
3421216	3422216	16Fr
3421218	3422218	18Fr
Adult - 20cm length		
3421220	3422220	20Fr
3421222	3422222	22Fr
3421224	3422224	24Fr
3421226	3422226	26Fr



## Reinforced Arterial Cannula

Single piece and wire reinforced body. Straight or Curved tip, available with connector acceptance, vented connector or non-vented connector. A fixed ring with tip and depth line permits precise position of cannula.

Pediatric - 21cm length		
Straight Tip	Curved Tip	
Code	Code	Specification
3413116	3414116	16Fr
3413118	3414118	18Fr
Adult – 24cm length		
3413120	3414120	20Fr
3413122	3414122	22Fr
3413124	3414124	24Fr



Injected Tip, Straight or Curved tip, available with connector acceptance, vented connector or non-vented connector. A fixed ring with tip and depth line permits precise position of cannula.

Pediatric - 20cm length		
Straight Tip	Curved Tip	
Code	Code	Specification
3411212	3412112	12Fr
3411214	3412114	14Fr
3411216	3412116	16Fr
3411218	3412118	18Fr
Adult – 20cm length		
3411220	3412120	20Fr
3411222	3412122	22Fr
3411224	3412124	24Fr
3411226	3412126	26Fr



## Pediatric One-Piece Arterial Cannula

CE 0123

These cannulae feature beveled, thin wall tips with elongated, one piece, kink resistant, wire reinforced bodies. This construction allows for higher flow rates with minimal pressure differential. An introducer along with depth markings permit precise positioning of the cannula.

Code	Specification
3431108	8Fr
3431110	10Fr
3431112	12Fr
3431114	14Fr
3431116	16Fr
3431118	18Fr



## Extended Arterial Cannula

Code	Specification
344115	15Fr
344117	17Fr
344119	19Fr
344121	21Fr



## Venous Cannula

CE 0123

Single piece body. Wire Reinforced.

Normal Body	Oval Body	
Code	Code	Specification
321212	323212	12Fr
321214	323214	14Fr
321216	323216	16Fr
321218	323218	18Fr
321220	323220	20Fr
321222	323222	22Fr
321224	323224	24Fr
321226	323226	26Fr
321228	323228	28Fr
321230	323230	30Fr
321232	323232	32Fr
321234	323234	34Fr
321236	323236	36Fr
321238	323238	38Fr
321240	323240	40Fr



## Venous Cannula with Right Angle Metal Tip

CE 0123

These cannulae feature kink resistant, wire wound bodies with beveled metal, multi-port tips. This construction allows for higher flow rates with minimal pressure differential. A tip orientation line permits precise positioning of the cannulae.

Code	Specification
326112	12Fr
326114	14Fr
326116	16Fr
326118	18Fr
326120	20Fr
326122	22Fr
326124	24Fr
326126	26Fr
326128	28Fr
326130	30Fr
326132	32Fr
326134	34Fr



## Venous Cannula with Right Angle Tip

Code	Specification
326212	12Fr
326214	14Fr
326216	16Fr
326218	18Fr
326220	20Fr
326222	22Fr
326224	24Fr
326226	26Fr
326228	28Fr
326230	30Fr
326232	32Fr
326234	34Fr
326236	36Fr
326238	38Fr



## Venous Cannula with Right Angle Plastic Tip

Code	Specification
326308	8Fr
326310	10Fr
326312	12Fr
326314	14Fr
326316	16Fr
326318	18Fr
326320	20Fr
326322	22Fr
326324	24Fr
326326	26Fr
326328	28Fr
326330	30Fr





## Two Stage Venous Cannula

CE 0123

Code	Specification
<b>Normal Body</b>	
322228/36	28/36Fr
322232/40	32/40Fr
322234/46	34/46Fr
322236/46	36/46Fr
322236/51	36/51Fr
<b>Oval Body</b>	
324228/36	28/36Fr
324232/40	32/40Fr
324234/46	34/46Fr
324236/46	36/46Fr
324236/51	36/51Fr
<b>Screw Body</b>	
325228/36	28/36Fr
325232/40	32/40Fr
325234/46	34/46Fr
325236/46	36/46Fr
325236/51	36/51Fr



## Femoral Venous Cannula

CE 0123

Code	Specification	Inner Diameter, mm
331117	17Fr	4.7
331119	19Fr	5.3
331121	21Fr	6.0



## Femoral Venous Cannula (Multistage)

Code	Specification
33122429	24/29Fr
3313232525	23/25/25Fr

## Femoral Arterial Cannula

Code	Specification	Inner Diameter, mm
311115	15Fr	4.1mm
311117	17Fr	4.7mm
311119	19Fr	5.3mm
311121	21Fr	5.8mm



## Aortic Root Cannula

CE 0123

(Standard type)

With Suture Flange, a stainless-steel introducer needle, clean body.

Code	Specification	Length
35101	Adult	155mm
35102	Pediatric	150mm
35103	Infant	100mm
35104	Adult-Long	350mm
35105	Adult-Long	250mm



Aortic Root Cannula (Adult and Pediatric)



Aortic Root Cannula (Infant)



(Vent Line type)

With Suture Flange, a stainless-steel introducer needle, clean body. With vent line

w/ normal tube		
Code	Specification	Vent Line Position
35201	Adult	Patient End
35202	Pediatric	Patient End
35203	Adult	Machine End
35204	Pediatric	Machine End



(New Vent Line type)

With Suture Flange, a stainless-steel introducer needle, clean body. Special vent line far away from tip supplies good operation view for doctor.

w/ normal tube	
Code	Specification
35301	12G
35302	14G





## Heart Aspirator

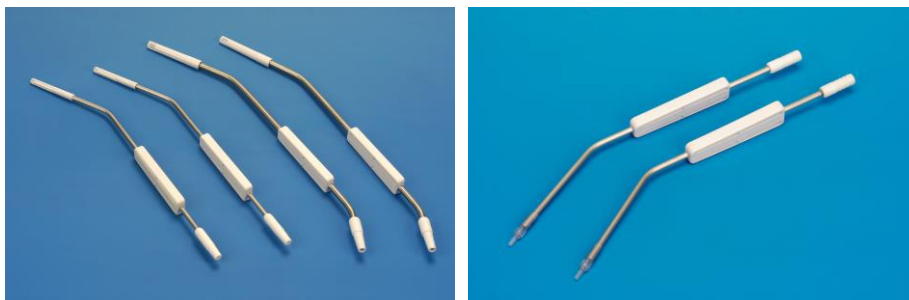
(Soft type)

Code	Specification
33201	Adult
33202	Pediatric



(Stainless Steel type)

Code	Specification
33401	Adult
33402	Pediatric
33403	Infant
33404	Mini Sucker



(Stainless Steel type new type)

Code	Specification
33301	Adult



## Left Heart Catheter (Vent line)

(With Stylet)

Code	Specification
37104	18Fr



(Without Stylet)

Code	Specification
37101	16Fr
37102	18Fr
37103	20Fr



(Silicone, with Stylet)

Code	Specification
37401	14Fr
37402	16Fr
37403	20Fr



## Double Lumen Left Heart Catheter

Code	Specification
37201	Adult
37202	Pediatric



## Sump

Code	Specification
37301	Adult
37302	Pediatric



## Vessel Cannula

Code	Specification	Size
3801	Free flow	3.0mm
3802	One-flow	3.0mm
3803	Free flow	2.0mm



## Arteriotomy Cannula

Code	Specification	
	Tip	Length
3811	2mm	3.3cm
3812	2mm	5.8mm
3816	5mm	5.8cm



## Coronary Artery Ostial Cannula

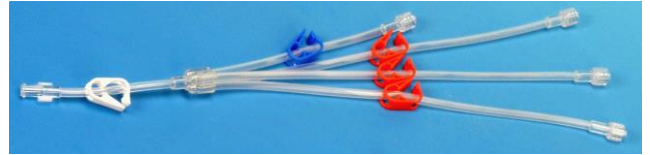
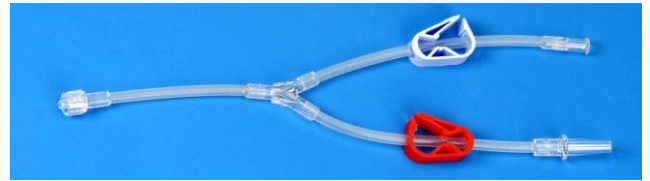
	45° tip	90° tip
Specification	Code	Code
10Fr	38101	38102
12Fr	38201	38202
14Fr	38301	38302



## Cardioplegia Adapters

These products allow for simultaneous perfusion of the aortic root and up to three or more vein grafts. Standard Luer Inlet port and color clamps attached to an adapter which splits into four or more legs.

Code	Specification
39001	Y type
39002	5 ways
39003	6 ways
690101	1/4-Male Luer



Note: We can produce different designs according to the customer's requirements.

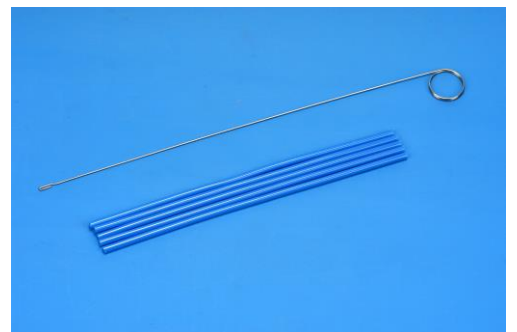
## Blower

Code
9001



## Tourniquet

Code	Specification
3601	14 cm
3602	17.8 cm



## Blood Reservoir

Code	Specification
2221	2000ml
2222	3000ml



## Extra-Corporeal Circuit Tube

Code	Specification
2101	Adult
2102	Pediatric
2103	Infant

Note: We can produce different designs of tubing pack according to the customer's requirements.



## Cardioplegia Perfusion Set

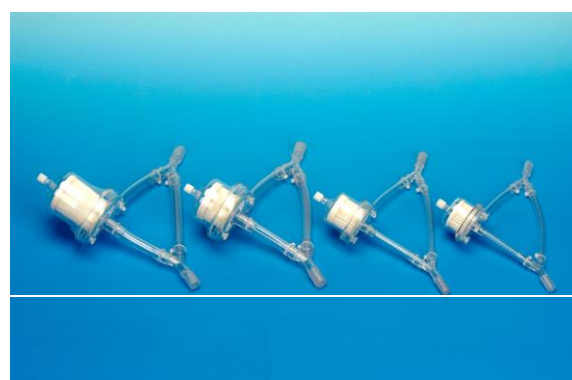
Code	Specification
2201	Crystalloid
2202	Blood
2203	Customized
2204	With Stainless Steel Heat Exchanger
2205	With Aluminum Heat Exchanger



Note: We can produce different designs of tubing pack according to the customer's requirements.

## Arterial Filter

Code	Specification	Maximum Flow rate (L/min)	Filtrate area (cm <sup>2</sup> )	Filtrate size (μm)	Priming volume (mL)
2211	Adult	7.0	600	40	160
2212	Pediatric	3.0	300	40	100
2213	Infant	1.5	150	40	50
2214	Neonate	1.5	150	40	30





## Temperature Controlling Blanket with Water Circulation

Code	Specification	Size
2601	Adult	1.50x0.55m
2602	Pediatric	1.20x0.55m
2603	Infant	1.00x0.55m



## Suture Organizer

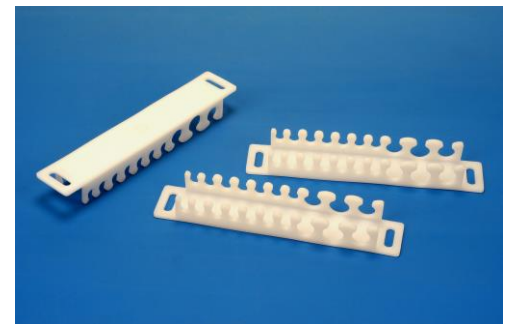
Code	Specification
6831	Adult
6832	Pediatric



## Tubing Organizer

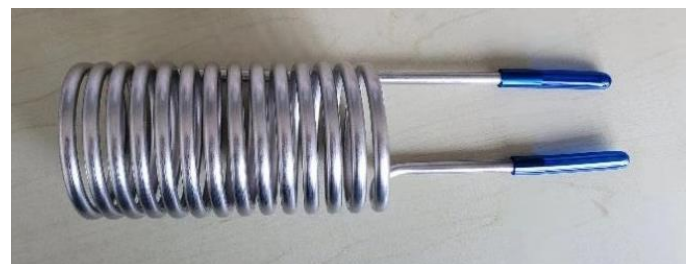
(Material: PE)

Code
6801



## Stainless Steel Heat Exchanger

Code
2206



## Isolator

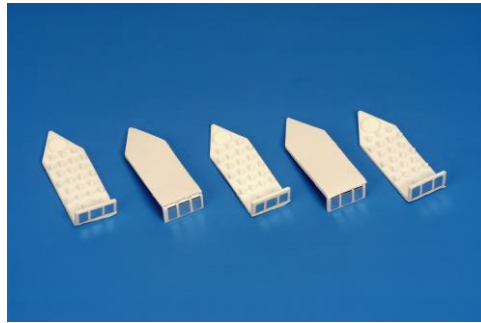
(Clean PC, Disposable)

Code
2401

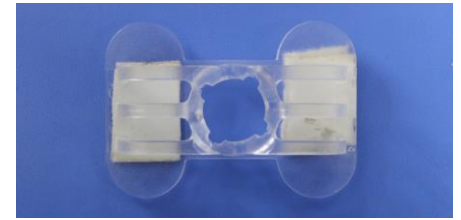


## Level Sensor Pads

Code	Type
6811	Maquet-Jostra
6812	Terumo
6813	Sorin



Maquet-Jostra



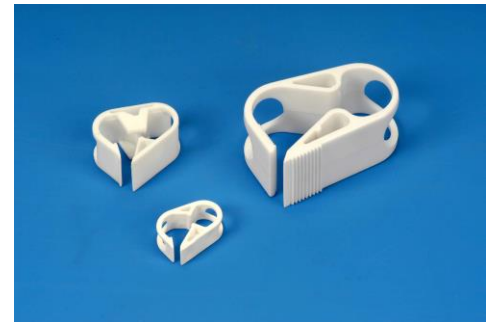
Terumo



Sorin

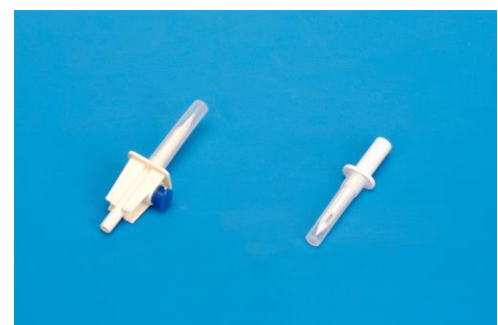
## Clamp

Code	Specification
6601W	Large, White
6601R	Large, Red
6601B	Large, Blue
6602W	Middle, White
6602R	Middle, Red
6602B	Middle, Blue
6603W	Small, White
6603R	Small, Red
6604B	Small, Blue
6604Y	Small, Yellow



## Spikes

Code	Specification
6821	Both ends
6822	w/o vent
6823	w/ vent





## One Way Check Valve

Code	ID (Inlet and Outlet)	OD(Inlet and Outlet)
6501	1.8mm	3.3mm



## Vacuum Relief Check Valve

Code	ID (Inlet and Outlet)	OD(Inlet and Outlet)
6502	1/4"	1/4"



## Dialysis Luer Connector

Code	Specification
6401	Female, Red
6402	Female, Blue
6403	Male, Original Color



## Tubing Cap

Color of Cap					
Red	Blue	Yellow	Green	White	
Code	Code	Code	Code	Code	Specification
6301R	6301B	6301Y	6301G	6301W	For 1/2 tubing
6302R	6302B	6302Y	6302G	6302W	For 1/2 connector
6303R	6303B	6303Y	6303G	6303W	For 3/8 tubing
6304R	6304B	6304Y	6304G	6304W	For 3/8 connector
6305R	6305B	6305Y	6305G	6305W	For 1/4 tubing
6306R	6306B	6306Y	6306G	6306W	For 1/4 connector
6307R	6307B	6307Y	6307G	6307W	For 1/8 tubing
6308R	6308B	6308Y	6308G	6308W	For 3/16 connector



## Connector

(Material: Clean PC)

Code	Specification	Description
610101	1/2x1/2	Straight connector
610102	1/2x3/8	
610103	3/8x3/8	
610104	3/8x1/4	
610105	1/4x1/4	
610106	1/4x3/16	
610107	3/16x3/16	
610108	1/8x1/8	
610201	1/2x3/8x3/8	Y connector
610202	1/2x1/4x1/2	
610203	3/8x3/8x3/8	
610204	3/8x1/4x1/4	
610205	1/4x1/4x1/4	
610206	1/2x1/2x1/2	
610207	1/2x3/8x1/2	
610208	3/16x3/16x3/16	
610209	1/4x3/8x3/8	
610210	3/8x1/4x3/8	
610211	1/8x1/8x1/8	
610212	1/2x3/8x1/4	
620101	1/2x3/8LL	T connector (Luer lock)
620102	3/8x3/8LL	
620103	3/8x1/4LL	
620104	1/4x1/4LL	
620105	1/2x1/2LL	
620106	3/16x3/16LL	
620107	1/4x3/16LL	
620201	3/8x3/8x3/8LL	4-way connector (Luer lock)
620202	1/2x1/2x1/2LL	
620203	1/4x1/4x1/4LL	
620204	3/16x3/16x3/16LL	
620205	3/8x1/4x3/8LL	
620206	3/8x1/4x1/4LL	
620207	1/2x3/8x3/8LL	
620208	1/2x3/8x1/2LL	
690201	1/4-Spike Connector	
690301	6-3-Male Luer Y Connector	
6904	1/2x1/2 Blood Oxygen Saturation Connector	
6905	3/8x3/8 Blood Oxygen Saturation Connector	
620301	1/2x1/2 w/ Double Luer	
620302	3/8x3/8 w/ Double Luer	
620303	1/4x1/4 w/ Double Luer	



## Pre-bypass Filter

(Material: Clean PC)

Code	Inlet	Outlet
6401	3/8	1/2
6402	3/8	3/8
6403	1/4	3/8



## Dynamic Bubble Trap (DBT)

Code
6001



## Gas Filter

(Material: Clean PP)

Code	Inlet	Outlet	Filter Size
6701	1/4	1/4	0.45µm
6702	1/4	1/4	0.22µm



## Pressure Transducer

Code	Compatible with	Code	Compatible with	Code	Compatible with
Single		Double		Triple	
8601	Edwards	8601B	Edwards	8601C	Edwards
8602	Utha	8602B	Utha	8602C	Utha
8603	Argon	8603B	Argon	8603C	Argon
8604	Abbot	8604B	Abbot	8604C	Abbot
8605	BD	8605B	BD	8605C	BD
8606	B. Braun/Philips	8606B	B. Braun/Philips	8606C	B. Braun/Philips



## Inflation Device

Code	Specification
80001	20ml
80002	25ml



## Control Syringe

Code
84001



## Y Hemostasis Valve Kit

Code	Structure
85001	Click
85002	Pull-Push
85003	Screw

