
Polystan Subsidiaries

Polystan Subsidiaries

I. Polystan Perfusion Systems, Accessories

1. Polystan Perfusion Systems, Accessories

II. Polystan Cardiopulmonary Products

1. Polystan Connectors

III. Polystan Catheters and Cannulae

1. Polystan Arterial Cannulae
2. Polystan Venous Catheters
3. Polystan Coronary Perfusion Cannulae
-

Polystan Perfusion Systems, Accessories

Polystan VAVD Controller

Vacuum Assisted Venous Drainage

Our unique intelligent controller automatically maintains the chosen vacuum irrespective of reservoir blood inflow and outflow conditions and reservoir level. It also incorporates both positive and negative pressure relief valves. These unique features make our controller both precise, accurate and very safe to use.

Polystan VAVD Controller

Controller Specifications	500010
Dimensions - Cabinet	183 (W) x 87 (H) x 158 (D) mm
Dimensions - Overall	183 (W) x 100 (H) x 200 (D) mm
Weight	3.3 kg
Tubing Connectors - to vacuum source	1/4" barbed connector
Tubing Connectors - to venous reservoir	1/4" barbed connector
Vacuum source requirement	-200 to +760 mmHg with a minimum airflow of 11 stl/min
Vacuum regulation limits	0 to -100 +/- 10 mmHg
Vacuum regulation tolerance	Pressure can vary +/- 10 mmHg for the selected value when airflow changes between the two outer values of +10 stl/min and -10 stl/min
Pressure manometer	Mechanical, Class 1.6. Zero to -120 mmHg
Negative pressure relief valve	Factory set at -100 +/- 10 mmHg
Positive pressure relief valve	Factory set at 3 +/- 2 mmHg
Order Codes	500010
VAVD Controller	500010
Maintenance Kit for VAVD Controller	500020
Sterile tubing assembly with moisture trap/ barrier	500050
Hanger for pole mounting the VAVD Controller	500060
Packaging Units	500010
500010	1 pc.
500020	1 pc.
500050	10 pcs./ box, sterile
500060	1 pc.



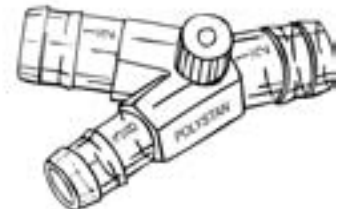
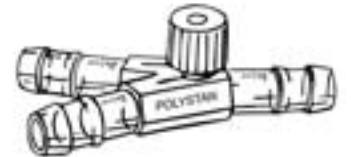
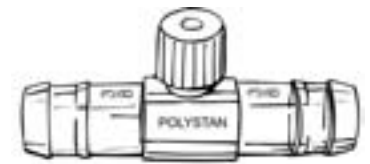
Polystan Connectors

Polystan Disposable Connectors

The Polystan disposable connectors are precision moulded from Lexan 144 and are crystal clear and non-toxic. The moulding technique eliminates moulding marks and lines from the leading edges of all connector legs which are smooth and atraumatic. Most connectors are available with or without a female luerlock fitting.

Polystan Disposable Connectors

Connector Sizes	Plain - sterile	Luer - sterile	Plain - unsterile	Luer - unsterile
1/2" to 1/2" and 1/2"	266222	288222	255222	277222
1/2" to 1/2" and 3/8"	266228	288228	255228	277228
1/2" to 1/2" with 1/4" side arm	266224	-	255224	-
1/2" to 3/8" and 3/8"	266288	288288	255288	277288
1/2" to 3/8" with 1/4" side arm	266284	-	255284	-
3/8" to 3/8" and 3/8"	266888	288888	255888	277888
3/8" to 3/8" and 1/4"	266884	288884	255884	277884
3/8" to 1/4" and 1/4"	266844	288844	255844	277844
1/4" to 1/4" and 1/4"	266444	288444	255444	277444
1/4" to 3/16" and 3/16"	266433	-	255433	-
3/16" to 1/4" and 3/16"	266343	-	255343	-
3/16" to 3/16" and 3/16"	266333	-	255333	-
1/2" to 1/2"	266220	288220	255220	277220
1/2" to 3/8"	266280	288280	255280	277280
1/2" to 1/4"	266240	288240	255240	277240
3/8" to 3/8"	266880	288880	255880	277880
3/8" to 1/4"	266840	288840	255840	277840
1/4" to 1/4"	266440	288440	255440	277440
1/4" to 3/16"	266430	288430	255430	277430
3/16" to 3/16"	266330	288330	255330	277330



Packaging unit

26xx: 20 pcs./ dispenser. 28xx: 16 pcs./20 pcs. (28xx0)/ dispenser. 25xxH: 100 pcs./ case. 27xxH: 100 pcs./ case

Polystan Arterial Cannulae

Polystan Paediatric Arterial Cannulae

The new range of Polystan paediatric arterial cannulae covers the sizes from 6 Fr. to 12 Fr. with the choice of a 1/4" or 3/16" proximal arterial tubing connector with luer vent. The ultra-thin wire-reinforced wall gives the cannulae unique flexibility and kink resistance. A retractable stylet is incorporated for ease of insertion through the aortic wall.

Polystan Paediatric Arterial Cannulae

Specifications

Art.No.	Connector Size	Size in Fr.	Length
163606	3/16"	6	21,5 cm
163608	3/16"	8	21,5 cm
163610	3/16"	10	21,5 cm
163612	3/16"	12	21,5 cm
161406	1/4"	6	21,5 cm
161408	1/4"	8	21,5 cm
161410	1/4"	10	21,5 cm
161412	1/4"	12	21,5 cm



Packaging unit

10 pcs./ carton, sterile packed

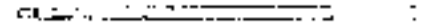
Polystan Venous Catheters

Polystan Adult Venous Return Catheters

These adult catheters range in size from 24 Fr. to 41 Fr., have various tip types with straight or right angled configurations and are available with or without reinforcement.

Polystan Wire-reinforced with full lumen tip, straight

Polystan full lumen tip venous return catheters feature a specially formed, selectively hardened distal tip for easier and safer insertion and high unobstructed venous drainage.



Specifications

Art.No.	Tip cm	Size in Fr.	Connector Size	Length
610024		24	1/4"	40 cm
610028		28	3/8"	40 cm
610032		32	3/8"	40cm
610036		36	3/8"	40 cm
610041		41	1/2"	40 cm

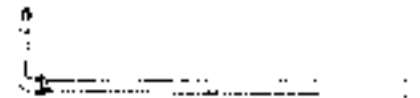
Packaging unit

10 pcs./ case, sterile packed

Polystan Wire-reinforced with full lumen tip, 90° bent

Specifications

Art.No.	Tip cm	Size in Fr.	Connector Size	Length
620245	5	24	1/4"	40 cm
620246	6	24	1/4"	40 cm
620286	6	28	3/8"	40 cm
620287	7	28	3/8"	40 cm
620326	6	32	3/8"	40 cm
620327	7	32	3/8"	40 cm
620368	8	36	3/8"	40 cm
620369	9	36	3/8"	40 cm
620418	8	41	1/2"	40 cm
620419	9	41	1/2"	40 cm



Packaging unit

10 pcs./ case, sterile packed

Polystan Venous Catheters

Polystan Adult Venous Return Catheters

Polystan Non-reinforced with standard tip, straight

These catheters incorporate a special moulded distal tip with four large openings that provide excellent venous drainage.

42

:

Specifications

Art.No.	Tip cm	Size in Fr.	Connector Size	Length
060018		18	1/4"	40 cm
060021		21	1/4"	40 cm
060024		24	1/4"	40 cm
060028		28	3/8"	40 cm
060032		32	3/8"	40 cm
060036		36	3/8"	40 cm
060041		41	1/2"	40 cm

Packaging unit

10 pcs./ case, sterile packed

Polystan Venous Catheters

Polystan Adult Venous Return Catheters

Polystan Non-reinforced with standard tip, 90° bent

These catheters incorporate a special moulded distal tip with four large openings that provide excellent venous drainage.

Specifications

Art.No.	Tip cm	Size in Fr.	Connector Size	Length
100183	3	18	1/4"	40 cm
100184	4	18	1/4"	40 cm
100185	5	18	1/4"	40 cm
100213	3	21	1/4"	40 cm
100214	4	21	1/4"	40 cm
100215	5	21	1/4"	40 cm
100244	4	24	1/4"	40 cm
100245	5	24	1/4"	40 cm
100246	6	24	1/4"	40 cm
100285	5	28	3/8"	40 cm
100286	6	28	3/8"	40 cm
100287	7	28	3/8"	40 cm
100326	6	32	3/8"	40 cm
100327	7	32	3/8"	40 cm
100328	8	32	3/8"	40 cm
100365	5	36	3/8"	40 cm
100367	7	36	3/8"	40 cm
100368	8	36	3/8"	40 cm
100369	9	36	3/8"	40 cm
100417	7	41	1/2"	40 cm
100418	8	41	1/2"	40 cm
100419	9	41	1/2"	40 cm

Packaging unit

10 pcs./ case, sterile packed

Polystan Venous Catheters

Polystan Paediatric Venous Return Catheters

These paediatric catheters range in size from 12 Fr. to 24 Fr., have various tip types with straight or right angled configurations.

Polystan Wire-reinforced with full lumen tip, straight

Polystan full lumen tip venous return catheters feature a specially formed, selectively hardened distal tip for easier and safer insertion and high unobstructed venous drainage.



Specifications

Art.No.	Tip cm	Size in Fr.	Connector Size	Length
630012		12	1/4"	25 cm
630014		14	1/4"	25 cm
630016		16	1/4"	25 cm
630018		18	1/4"	25 cm
630021		21	1/4"	25 cm
630024		24	1/4"	25 cm

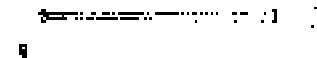
Packaging unit

10 pcs./ case, sterile packed

Polystan Wire-reinforced with full lumen tip, 90° bent

Specifications

Art.No.	Tip cm	Size in Fr.	Connector Size	Length
640122	2.5	12	1/4"	25 cm
640142	2.5	14	1/4"	25 cm
640162	2.5	16	1/4"	25 cm
640183	3.0	18	1/4"	25 cm
640213	3.0	21	1/4"	25 cm
640243	3.0	24	1/4"	25 cm



Packaging unit

10 pcs./ case, sterile packed

Polystan Venous Catheters

Polystan Paediatric Venous Return Catheters

Polystan Non-reinforced with full lumen tip, straight

Polystan full lumen tip venous return catheters feature a specially formed, selectively hardened distal tip for easier and safer insertion and high unobstructed venous drainage.

Specifications

Art.No.	Tip cm	Size in Fr.	Connector Size	Length
145012		12	1/4"	25 cm
145014		14	1/4"	25 cm
145016		16	1/4"	25 cm
145018		18	1/4"	25 cm
145021		21	1/4"	25 cm
145024		24	1/4"	25 cm

Packaging unit

10 pcs./ case, sterile packed

Polystan Non-reinforced with full lumen tip, 90° bent

Specifications

Art.No.	Tip cm	Size in Fr.	Connector Size	Length
145122	2.5	12	1/4"	25 cm
145142	2.5	14	1/4"	25 cm
145162	2.5	16	1/4"	25 cm
145183	3.0	18	1/4"	25 cm
145213	3.0	21	1/4"	25 cm
145243	3.0	24	1/4"	25 cm

Packaging unit

10 pcs./ case, sterile packed

Polystan Venous Catheters

Polystan Two-Stage Venous Catheters

For single catheter drainage of the right atrium and vena cava these catheters are available in various tip configurations, reinforced or non-reinforced, with or without a pre-attached 1/2" connector.

Polystan Wire-reinforced with moulded, tapered distal tip, straight

Specifications

Art.No.	Tip cm	1/2" connector	Size in Fr.	Length
673152		x	52/ 36	41,6 cm

Packaging unit

10 pcs./ case, sterile packed

Polystan Non-reinforced with moulded, tapered distal tip, straight

Specifications

Art.No.	Tip cm	1/2" connector	Size in Fr.	Length
413152		x	52/ 36	41,6 cm

Packaging unit

10 pcs./ case, sterile packed

Polystan Fully-reinforced with basket tip, straight

Specifications

Art.No.	Tip cm	1/2" connector	Size in Fr.	Length
670045	7.5		52/ 36	42 cm
670145	7.5	x	52/ 36	42 cm
672045	4.0		52/ 36	42 cm
672145	4.0	x	52/ 36	42 cm

Packaging unit

10 pcs./ case, sterile packed

Polystan Venous Catheters

Polystan Two-Stage Venous Catheters

Polystan Partially-reinforced with basket tip, straight

Specifications

Art.No.	Tip cm	1/2" connector	Size in Fr.	Length
670545	7.5		52/ 36	42 cm
671545	7.5	x	52/ 36	42 cm
675045	4.0		52/ 36	42 cm
675145	4.0	x	52/ 36	42 cm

Packaging unit

10 pcs./ case, sterile packed

Polystan Non-reinforced with basket tip, straight

Specifications

Art.No.	Tip cm	1/2" connector	Size in Fr.	Length
411052	7.5		52/ 36	42 cm
411152	7.5	x	52/ 36	42 cm
412052	4.0		52/ 36	42 cm
412152	4.0	x	52/ 36	42 cm

Packaging unit

10 pcs./ case, sterile packed

Polystan Coronary Perfusion Cannulae

Polystan Coronary Perfusion Cannulae

All balloon and ring tip cannulae are available with a straight or right angle tip configuration and with either a proximal end female adaptor that accepts a 1/4" connector or a female luerlock fitting.

Polystan self-inflating balloon tip, straight, 1/4"

Specifications

Art.No.	1/4"/ Luer	Hard / Soft	Inner-Ø	Outer-Ø	Tip-Ø	Length
210800	1/4"	Hard	2.0 mm	3.0 mm	6.0 mm	27 cm
210801	1/4"	Hard	2.0 mm	3.0 mm	7.0 mm	27 cm
210802	1/4"	Hard	2.5 mm	3.5 mm	8.0 mm	27 cm
210803	1/4"	Hard	3.0 mm	4.0 mm	9.0 mm	27 cm
210810	1/4"	Soft	2.0 mm	3.0 mm	6.0 mm	27 cm
210811	1/4"	Soft	2.0 mm	3.0 mm	7.0 mm	27 cm
210812	1/4"	Soft	2.5 mm	3.5 mm	8.0 mm	27 cm
210813	1/4"	Soft	3.0 mm	4.0 mm	9.0 mm	27 cm



Packaging unit

10 pcs./case, sterile packed

Polystan self-inflating balloon tip, straight, Luer

Specifications

Art.No.	1/4"/ Luer	Hard / Soft	Inner-Ø	Outer-Ø	Tip-Ø	Length
215800	Luer	Hard	2.0 mm	3.0 mm	6.0 mm	27 cm
215801	Luer	Hard	2.0 mm	3.0 mm	7.0 mm	27 cm
215802	Luer	Hard	2.5 mm	3.5 mm	8.0 mm	27 cm
215803	Luer	Hard	3.0 mm	4.0 mm	9.0 mm	27 cm
215810	Luer	Soft	2.0 mm	3.0 mm	6.0 mm	27 cm
215811	Luer	Soft	2.0 mm	3.0 mm	7.0 mm	27 cm
215812	Luer	Soft	2.5 mm	3.5 mm	8.0 mm	27 cm
215813	Luer	Soft	3.0 mm	4.0 mm	9.0 mm	27 cm



Packaging unit

10 pcs./case, sterile packed

Polystan Coronary Perfusion Cannulae

Polystan Coronary Perfusion Cannulae

Polystan self-inflating balloon tip, right-angle, 1/4"

Specifications

Art.No.	1/4"/ Luer	Hard / Soft	Inner-Ø	Outer-Ø	Tip-Ø	Length
210804	1/4"	Hard	2.0 mm	3.0 mm	6.0 mm	27 cm
210805	1/4"	Hard	2.0 mm	3.0 mm	7.0 mm	27 cm
210806	1/4"	Hard	2.5 mm	3.5 mm	8.0 mm	27 cm
210807	1/4"	Hard	3.0 mm	4.0 mm	9.0 mm	27 cm
210814	1/4"	Soft	2.0 mm	3.0 mm	6.0 mm	27 cm
210815	1/4"	Soft	2.0 mm	3.0 mm	7.0 mm	27 cm
210816	1/4"	Soft	2.5 mm	3.5 mm	8.0 mm	27 cm
210817	1/4"	Soft	3.0 mm	4.0 mm	9.0 mm	27 cm



Packaging unit

10 pcs./case, sterile packed

Polystan self-inflating balloon tip, right-angle, Luer

Specifications

Art.No.	1/4"/ Luer	Hard / Soft	Inner-Ø	Outer-Ø	Tip-Ø	Length
215804	Luer	Hard	2.0 mm	3.0 mm	6.0 mm	27 cm
215805	Luer	Hard	2.0 mm	3.0 mm	7.0 mm	27 cm
215806	Luer	Hard	2.5 mm	3.5 mm	8.0 mm	27 cm
215807	Luer	Hard	3.0 mm	4.0 mm	9.0 mm	27 cm
215814	Luer	Soft	2.0 mm	3.0 mm	6.0 mm	27 cm
215815	Luer	Soft	2.0 mm	3.0 mm	7.0 mm	27 cm
215816	Luer	Soft	2.5 mm	3.5 mm	8.0 mm	27 cm
215817	Luer	Soft	3.0 mm	4.0 mm	9.0 mm	27 cm



Packaging unit

10 pcs./case, sterile packed

Polystan Coronary Perfusion Cannulae

Polystan Coronary Perfusion Cannulae

Polystan Cone tip, straight, 1/4"

Specifications

Art.No.	1/4"/ Luer	Hard / Soft	Inner-Ø	Outer-Ø	Tip-Ø	Length
230854	1/4"	Hard	2.0 mm	3.0 mm	5.0 mm	27 cm
230853	1/4"	Hard	2.5 mm	3.5 mm	5.8 mm	27 cm
230852	1/4"	Hard	3.0 mm	4.0 mm	6.8 mm	27 cm
230851	1/4"	Hard	3.0 mm	4.0 mm	7.5 mm	27 cm

Packaging unit

10 pcs./ case, sterile packed

Polystan Cone tip, straight, Luer

Specifications

Art.No.	1/4"/ Luer	Hard / Soft	Inner-Ø	Outer-Ø	Tip-Ø	Length
235854	Luer	Hard	2.0 mm	3.0 mm	5.0 mm	27 cm
235853	Luer	Hard	2.5 mm	3.5 mm	5.8 mm	27 cm
235852	Luer	Hard	3.0 mm	4.0 mm	6.8 mm	27 cm
235851	Luer	Hard	3.0 mm	4.0 mm	7.5 mm	27 cm



Packaging unit

10 pcs./ case, sterile packed

Polystan Coronary Perfusion Cannulae

Polystan Coronary Perfusion Cannulae

Polystan Cone tip, right-angle, 1/4"

Specifications

Art.No.	1/4"/ Luer	Hard / Soft	Inner-Ø	Outer-Ø	Tip-Ø	Length
230859	1/4"	Hard	2.0 mm	3.0 mm	5.0 mm	27 cm
230858	1/4"	Hard	2.5 mm	3.5 mm	5.8 mm	27 cm
230857	1/4"	Hard	3.0 mm	4.0 mm	6.8 mm	27 cm
230856	1/4"	Hard	3.0 mm	4.0 mm	7.5 mm	27 cm



Packaging unit

10 pcs./ case, sterile packed

Polystan Cone tip, right-angle, Luer

Specifications

Art.No.	1/4"/ Luer	Hard / Soft	Inner-Ø	Outer-Ø	Tip-Ø	Length
235859	Luer	Hard	2.0 mm	3.0 mm	5.0 mm	27 cm
235858	Luer	Hard	2.5 mm	3.5 mm	5.8 mm	27 cm
235857	Luer	Hard	3.0 mm	4.0 mm	6.8 mm	27 cm
235856	Luer	Hard	3.0 mm	4.0 mm	7.5 mm	27 cm



Packaging unit

10 pcs./ case, sterile packed