

A Global Medical
Technology Company



PRODUCT
CATALOGUE



Global Manufacturing Foot Print



IMT, Faridabad

2018

2023



117, Faridabad



R&D Center, Faridabad

2016

2018



Amaro, Italy



Laiyang-Qingdao, China

2009

2014



SEZ, Jaipur



Assuit, Egypt

2002

2007



Haridwar



104-105, Faridabad

1997

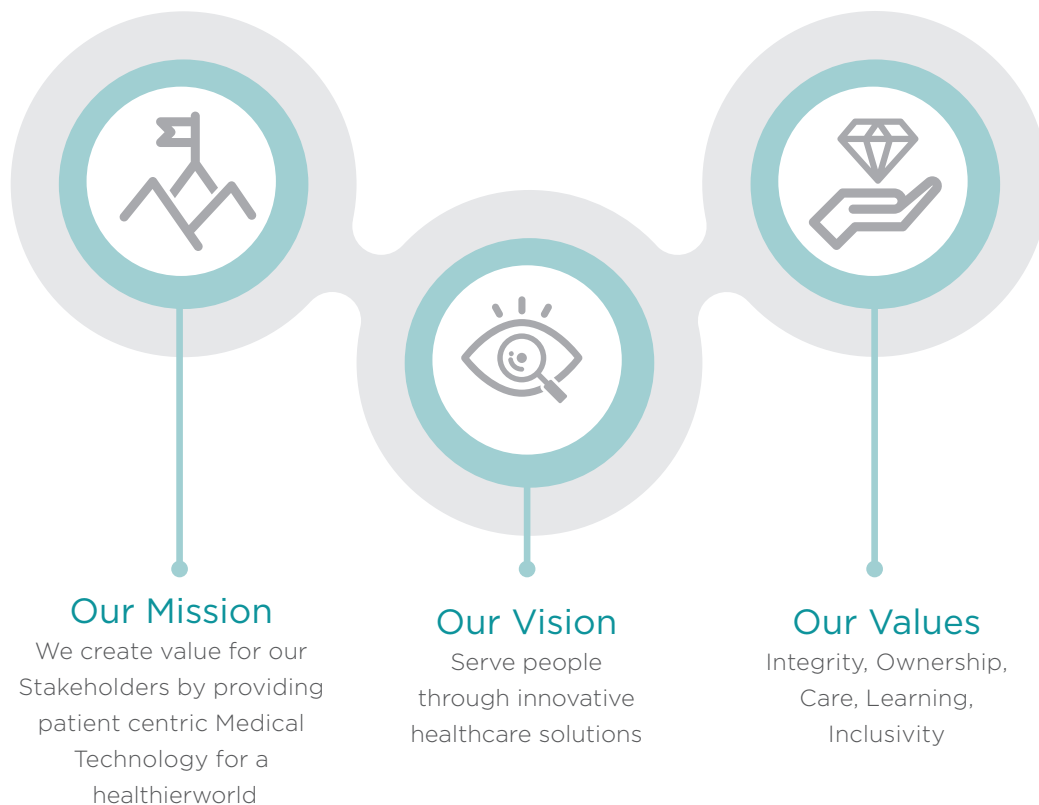
2001



115-116, Faridabad

About Us

PolyMedicare Ltd. (Polymed) is a multinational medical devices company headquartered in Delhi, India, manufacturing 200+ medical devices across its 12 manufacturing facilities around the world. Polymed has a presence in 125+ countries across the globe, with subsidiaries in Europe, the United States and China. The company holds many proprietary designs & patents, and continues to invest in R&D and innovation. Our devices cater to a vast range of therapeutic segments covering infusion therapy, dialysis, cardiology, oncology, urology, gastroenterology, blood collection and management, anaesthesia & respiratory care, surgery & wound drainage, and critical care. We continue to forge ahead with a relentless drive that was set into motion over 27 years ago.



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Standard I.V. Cannula

I.V. Cannula for Continuous Peripheral Intravenous Infusion

10310-10409

Polyflex

I.V. Cannula with port, snap
fit cap & perforated wings
Sizes : 14G to 26G



10001-10081

Polyflon

I.V. Cannula with port & wings



10210-10308

Polywin

I.V. Cannula without port
& without wings
Sizes : 14G to 26G



10450-10469

Polywin Plus

I.V. Cannula without port
& with small perforated wings
Sizes : 14G to 26G



10100-10171

Polycan

I.V. Cannula without port &
with perforated wings
Sizes : 14G to 26G



Common features

- Special flexible wings to provide easy & secure fixation (except in Polywin & Polypen)
- Advanced Polyurethane catheter material ensures better bio-compatibility & longer indwelling time
- Injection port with non-return silicon valve for intermittent medication (for ported Cannula only)
- Transparent flashback chamber for easy visualization
- Options available:
 - FEP catheter
 - Hydrophobic bacteria retention filter

10600-10613

Polyneo

I.V. Cannula without port
& with small wings
Size : 24G



10615-10617

Neonovo

I.V. Cannula without port
& with small wings
Size : 26G



10290-10298, 10640-10648

Polypen

I.V. Cannula without port
& without wings (Pen type)
Sizes : 14G to 26G



10410-10425

Polycath

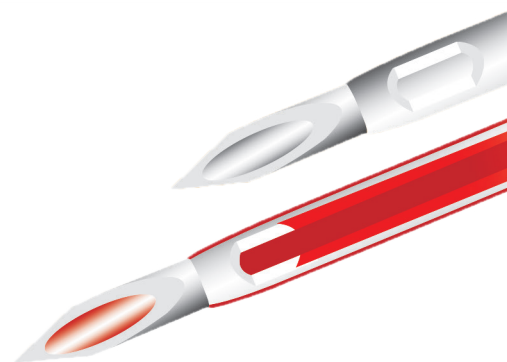
I.V. Cannula with integrated
three way stop cock
Sizes : 16, 17, 18, 20, 22G



Gauge	Color	Catheter O.D.mm	Catheter Length(mm)	Flow Rate (ml/min)
14G	Orange	2.0	45	305
16G	Grey	1.7	45	200
17G	White	1.5	45	142
18G	Green	1.3	45	90
18G	Green	1.3	32	90
20G	Pink	1.1	32	61
20G	Pink	1.1	25	65
22G	Blue	0.9	25	36
24G	Yellow	0.7	19	23
26G	Violet	0.6	19	17

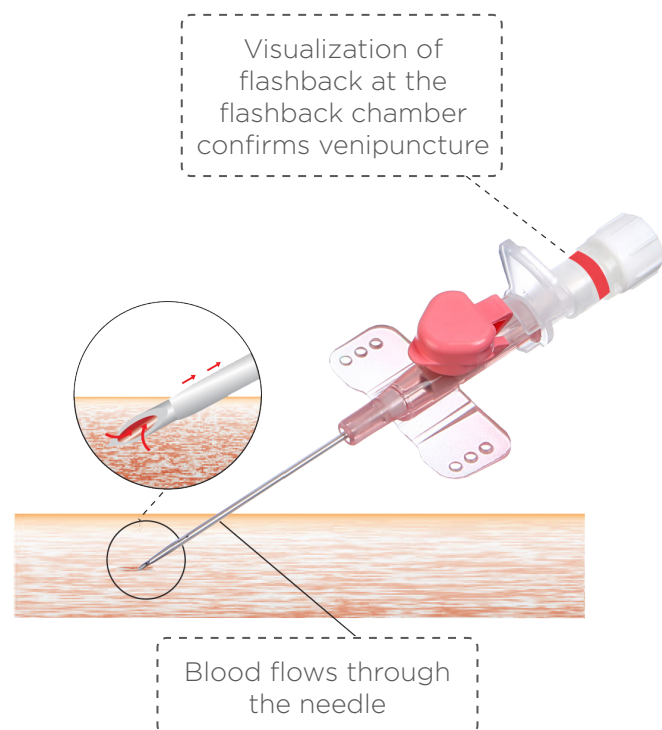
I.V. Cannula for Quick Flashback Needle Technology

- Quick Flashback instantly confirms successful venipuncture
- **AdVa** Needle technology enhances success in first-prick of needle
- Instant confirmation of blood flow along catheter body increases clinician's ability to successfully access the vein

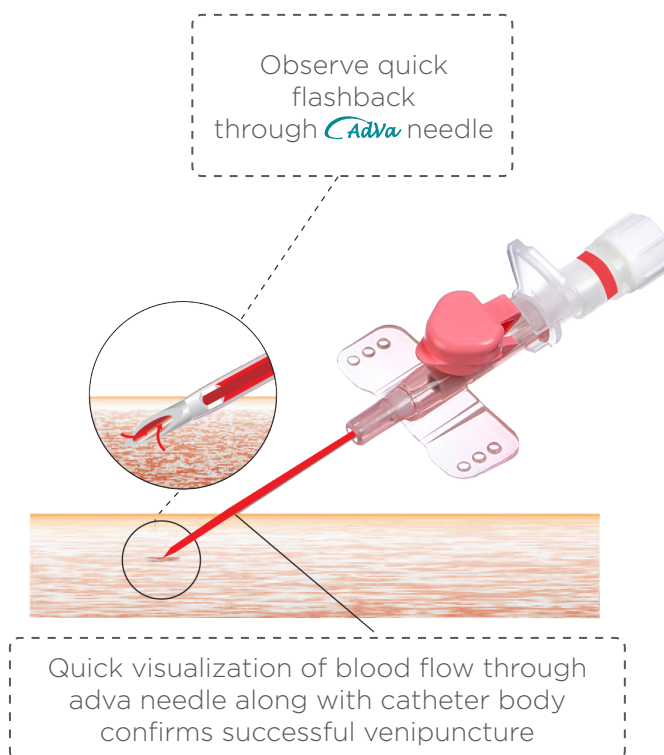


AdVa Needle Technology

Standard I.V. Cannula



Quick Flashback I.V. Cannula



Also available in



Also available

Polyflon **AdVa** I. V. Cannula
 Polycan **AdVa** I. V. Cannula
 Polycath **AdVa** I. V. Cannula
 Polypen **AdVa** I. V. Cannula
 Polyneo **AdVa** I. V. Cannula
 Neonovo **AdVa** I. V. Cannula
 Polywin **AdVa** I. V. Cannula
 Polyflex **AdVa** I. V. Cannula

Passive Safety Mechanism Nouvo Safety Set

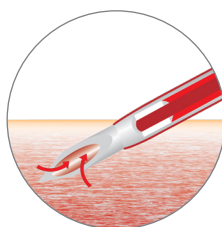
Safety Closed I.V. Catheter System

11782-11786, 11788, 11922-11927,
11930-11942, 11945-11951, 11954-11955,
11980-11986, 11988-11994

- Integrated system minimizes the risk of contamination & accidental disconnection
- Closed IV Catheter system supports multiple infusions
- Supports reduction of Hospital Acquired Infections and Needle Stick Injuries
- Advanced Polyurethane catheter material ensures better bio-compatibility & longer indwelling time
- Latex Free, PVC Free, DEHP Free
- Compatible with Power injectors up to 300 PSI
- Also suitable for sub-cutaneous infusion
- Options available:
 - Two Needle Free Connectors
 - Straight Port
 - Stop Cocks



Needle free connector reduces the risk of catheter related bloodstream infections (CRBSI)



Quick Flashback Needle Technology ensures successful venipuncture



User friendly, Self Activating Safety Mechanism prevents needle stick injuries



Flexible perforated Soft wings

Gauge	Color	Catheter O.D.mm	Catheter Length(mm)	Flow Rate (ml/min)	Product Code (Y-site)		Double Luer Lock	Straight Luer Lock	Stop Cock	Stop Cock with NFC*
					Single NFC**	Double NFC*				
16G	Grey	1.70	32	125	11988	11980	11922	11930	11945	11936
18G	Green	1.3	45	79	11990	11982	11954	11955	11946	11937
18G	Green	1.3	32	84	11989	11981	11923	11931	11947	11938
20G	Pink	1.1	32	58	11991	11983	11924	11932	11948	11939
20G	Pink	1.1	25	61	11786	11785	11782	11783	11784	11788
22G	Blue	0.9	25	33	11992	11984	11925	11933	11949	11940
24G	Yellow	0.7	19	18	11993	11985	11926	11934	11950	11941
26G	Violet	0.6	19	15	11994	11986	11927	11935	11951	11942

Advantages of Needle Free Connector in Nouvo Safety Set

- Clear housing allows for visualization of the internal fluid path
- Effectively clears blood and blood residual with low flush volumes
- Minimal blood reflux in the catheter tip upon connection or disconnection with luer

11001-11020

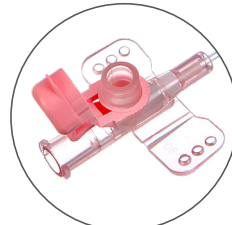
Polysafety

Safety I.V. Cannula with snap fit cap & perforated wings

Sizes : 14G to 26G



Needle Safety Guard



Snap Fit Cap

11090-11128

Polywin Safety

Safety I.V. Cannula without port, without wings

Sizes : 14G to 26G



Needle Safety Guard

11400-11409, 11420-11428

Polywin Plus Safety

Safety I.V. Cannula with small perforated wings, without port
 Sizes : 14G to 26G



11050-11070

Polycan Safety

Safety I.V. Cannula with perforated wings, without port
 Sizes : 14G to 26G

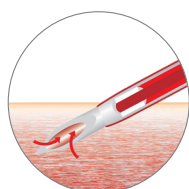


Available in



Common Features

- User-friendly, self-activating safety mechanism
- Safety needle guard automatically covers the needle's sharp bevel after withdrawal of the needle from the hub, minimizing the risk of needle stick injuries
- Smooth-edged safety needle guard
- Advanced Polyurethane catheter material ensures better bio-compatibility & longer indwelling time
- Also available with FEP Catheter Material



Also available with Quick
 Flashback *Adva* Needle
 Technology

Active Safety Mechanism Polyguard+

12460-12481

- Advanced Polyurethane catheter material ensures longer indwelling time.
- Manufactured from tested biocompatible materials.
- Active safety mechanism automatically encapsulates sharp needle bevel, prevents accidental needle stick injury.
- Rounded grip on the needle hub for better gripping during insertion.
- Compatible with power injectors up to 300 PSI.
- PVC Free, DEHP Free, Latex Free.



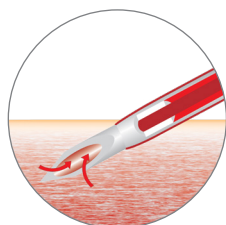
Gauge	Color	Length (mm)	O.D	Flow rate (ml/min)
14G	Orange	45	Ø2.1	305
14G	Orange	32	Ø2.1	305
16G	Grey	45	Ø1.7	200
16G	Grey	32	Ø1.7	200
18G	Green	45	Ø1.3	100
18G	Green	32	Ø1.3	105
20G	Pink	32	Ø1.1	61
20G	Pink	25	Ø1.1	65
22G	Blue	25	Ø0.9	36
24G	Yellow	19	Ø0.7	23
24G	Violet	19	Ø0.6	17

11083-11089, 11170-11227

Polyshield

Safety I.V. Cannula with Push Off Tab

- Push-off tab needle shielding technology is demonstrated to reduce needle stick injuries.
- Quick Flashback instantly confirms successful venipuncture.
- Advanced Polyurethane catheter material ensures better bio-compatibility & longer indwelling time.
- Smooth, tapered catheter to minimize insertion discomfort.
- PVC Free, DEHP Free, Latex Free.



Quick Flashback Needle Technology ensures successful venipuncture



11850-11854

Polysafety-BC Ported

Safety I.V. Cannula with Blood Control Ported



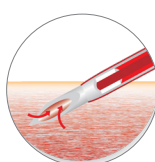
11810-11819

Polysafety-BC

Safety I.V. Cannula with Blood Control



Silicon Septum prevents Blood spillage



Quick Flashback Needle Technology ensures successful venipuncture



Prevents Blood exposure & contamination

Common Features

- Blood Control IV cannula reduces the risk of blood exposure and contamination
- Helps to maintain a clean access site
- Passive safety mechanism automatically encapsulates sharp needle bevel, prevents accidental needle stick injuries
- Needle Safety Guard significantly reduces the risk of transmission of blood-borne pathogens like HBV, HCV & HIV
- Advanced Polyurethane catheter material ensures better bio-compatibility & longer indwelling time
- Perforated wings provide ventilation & prevent skin maceration
- Reduces the risk of air in line when I.V. bottle runs dry
- Compatible with Power injectors up to 300 PSI
- Latex Free, PVC Free, DEHP Free

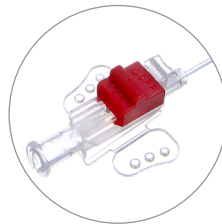
Gauge	Color	Product Code Non-Ported	Product Code Ported	Catheter O.D.mm	Catheter Length(mm)	Flow Rate (ml/min)
18G	Green	11812	11850	1.3	45	65
18G	Green	11813	11854	1.3	32	70
20G	Pink	11814	11851	1.1	32	47
22G	Blue	11815	11852	0.9	25	28
24G	Yellow	11816	11853	0.7	19	17

Art-Can Standard

13426-13427, 13430-13431

Standard Arterial Cannula

- Suitable for arterial pressure monitoring and arterial blood gas determinations
- Sharp atraumatic needle bevel helps the procedure with minimal patient discomfort
- Specially designed ON-OFF switch prevents backflow and exposure of blood to healthcare professional
- Sizes: 20G & 22 G
- Available with PUR catheter material only



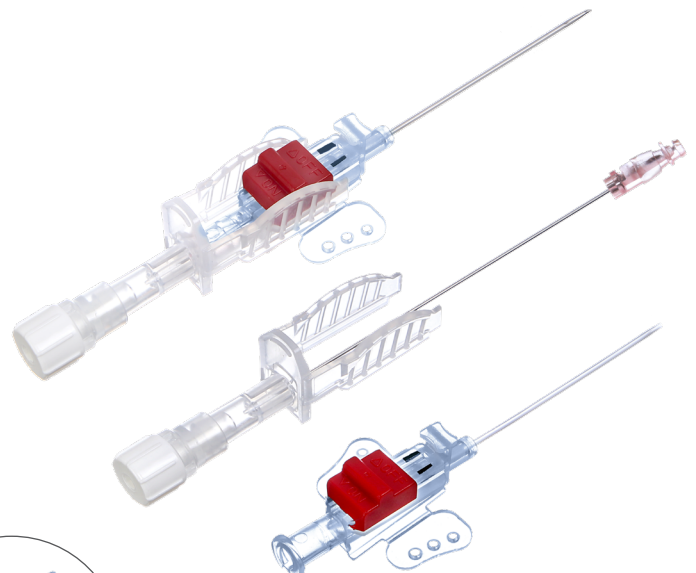
On / OFF Switch

Art-Can Safety

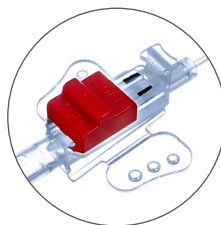
13425-13429, 13433-13437

Safety Arterial Cannula

- Suitable for arterial pressure monitoring and arterial blood gas determinations
- Sharp atraumatic needle bevel helps the procedure with minimal patient discomfort
- Specially designed ON-OFF switch prevents backflow and exposure of blood to healthcare professional
- Needle safety guard automatically covers the needle's sharp bevel after withdrawal of needle from the hub, minimizing the risk of Needle Stick Injury
- Sizes: 20G & 22 G
- Available with PUR catheter material only



Needle Safety Guard



On / OFF Switch

Art-Cath

13371-13372, 13410, 13528-13529, 13534

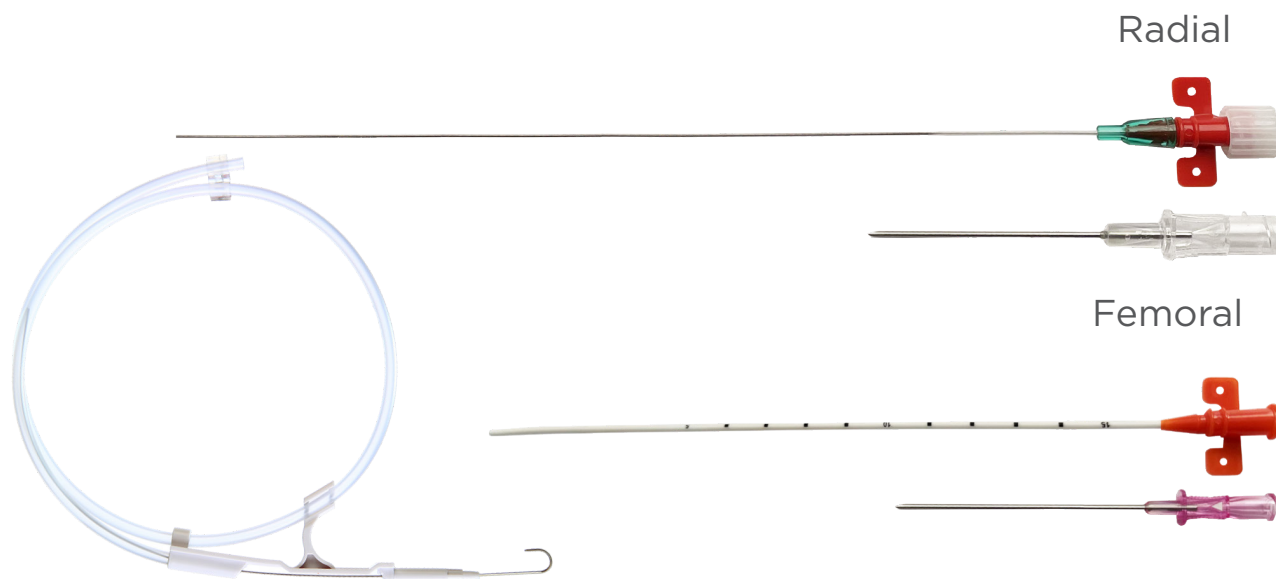
Arterial Catheter (Over the wire)

Features

- Arterial Catheter with red hub is specially designed to improve patient safety by eliminating confusion about catheter identification.
- Over the wire technique reduces the complications associated with the insertion technique and provides optimal performance leading to effective treatment.

Kit Contents

- Introducer Needle
- Polyurethane catheter
- Nitinol guide wire



Product Specifications

Ref Code	Fr	Size G	Catheter Length (mm)	Flowrate (ml/min)	Guidewire Length (mm)	Introducer Needle	Packaging Duplex/Carton
13528	3	20G	40	38	200	20GX38mm	20/200
13371	3	20G	60	27	200	20GX38mm	20/200
13529	3	20G	80	33	300	20GX38mm	20/200
13372	4	18G	100	24	300	19GX52mm	20/200
13534	4	18G	180	95	460	18GX70mm	20/200
13410	5	16G	150	29	390	18GX70mm	20/200

Novocent / Novocent Protekt**

Central Venous Catheters

- Complete range of Central Venous Catheters, single, double, triple & quadruple lumen, meeting the needs of intensive care and emergency medication
- The Multi-lumen catheters prevent the mixing of incompatible drugs thus minimizing the complications

Kit Contents

- Indwelling catheter
- Y-Introducer needle with valve
- J-Tip guide wire (Nitinol)
- Dilator
- Luer lock syringe
- Scalpel
- Catheter holder
- Catheter holder clamp

Common Features

- Central Venous Catheter made of bio-compatible Polyurethane material provides strength during insertion and also softens at body temperature to conform to the body tissues and reduces the risk and vascular trauma
- Specially designed soft & bevelled tip for smooth & easy insertion of catheter
- Soft Flexible J-Tip Guide wire prevents the vessel perforation and also provides good torque to ensure firm insertion
- Radio-opaque material of catheter with clear, definite marking facilitates correct placement of catheter tip

**Novocent Protekt available with needle free connector which provides closed system & lipid resistant three way stop cock



Also available with:



Guiding
Syringe



Needle Free
Connector

Sr. No.	Generic Name of Device	Brand Name of Device	Product Code
1	Central Venous Catheter Single Lumen	Novocent	15001-15025, 15031-15049, 15350
		Novocent protekt	17000-17023, 18050-18064
2	Central Venous Catheter Double Lumen	Novocent	15050-15069, 15071, 15085-15099, 15361-15363
		Novocent protekt	17030-17050, 18070-18082
3	Central Venous Catheter Triple Lumen	Novocent	15100-15117, 15150-15163
		Novocent protekt	17055-17073, 18085-18093
4	Central Venous Catheter Quintuple Lumen	Novocent	17271-17272
		Novocent protekt	17260-17270, 18100-18102, 18110-18112

Central Venous Catheters Sizes

PRODUCT DESCRIPTION		INDWELLING CATHETER		GUIDE WIRE	
Variant	Novocent	Specification (Sizes)	Length (mm)	Diameter (inch/mm)	Length (cm/mm)
Single Lumen	15001	3FR / 20G (D)	80	0.018 / 0.46	50/500
	15002	3FR / 20G (D)	130	0.018 / 0.46	50/500
	15003	3FR / 20G (D)	150	0.018 / 0.46	50/500
	15004	3FR / 20G (D)	160	0.018 / 0.46	50/500
	15005	3FR / 20G (D)	200	0.018 / 0.46	50/500
	15006	4FR / 18G (D)	130	0.018 / 0.46	50/500
	15007	4FR / 18G (D)	150	0.018 / 0.46	50/500
	15008	4FR / 18G (D)	160	0.018 / 0.46	50/500
	15009	4FR / 18G (D)	200	0.018 / 0.46	50/500
	15010	5FR / 16G (D)	160	0.035 / 0.89	50/500
	15011	5FR / 16G (D)	200	0.035 / 0.89	50/500
	15012	5FR / 16G (D)	300	0.035 / 0.89	70/700
	15013	6FR / 14G (D)	160	0.035 / 0.89	50/500
	15014	6FR / 14G (D)	200	0.035 / 0.89	50/500
	15015	6FR / 14G (D)	300	0.035 / 0.89	70/700
	15016	7FR / 12G (D)	160	0.035 / 0.89	50/500
	15017	7FR / 12G (D)	200	0.035 / 0.89	50/500
	15019	8FR / 12G (D)	200	0.035 / 0.89	50/500
	15020	9FR / 11G (D)	200	0.035 / 0.89	50/500
Double Lumen	15068	4FR / 22G (P) - 22 G (D)	80	0.018 / 0.46	50/500
	15050	4FR / 22G (P) - 22 G (D)	130	0.018 / 0.46	50/500
	15051	4FR / 22G (P) - 22 G (D)	160	0.018 / 0.46	50/500
	15052	4FR / 22G (P) - 22 G (D)	200	0.018 / 0.46	50/500
	15069	5FR / 20G (P) - 18 G (D)	80	0.018 / 0.46	50/500
	15053	5FR / 20G (P) - 18 G (D)	130	0.018 / 0.46	50/500
	15064	5FR / 20G (P) - 18 G (D)	160	0.018 / 0.46	50/500
	15054	5FR / 20G (P) - 18 G (D)	200	0.018 / 0.46	50/500
	15055	7FR / 16G (P) - 16 G (D)	160	0.035 / 0.89	50/500
	15056	7FR / 16G (P) - 16 G (D)	200	0.035 / 0.89	50/500
	15057	7FR / 16G (P) - 16 G (D)	300	0.035 / 0.89	70/700
	15058	7FR / 14G (P) - 18 G (D)	160	0.025 / 0.64	50/500
	15059	7FR / 14G (P) - 18 G (D)	200	0.025 / 0.64	50/500
	15060	7FR / 14G (P) - 18 G (D)	300	0.025 / 0.64	70/700
	15065	7FR / 18G (P) - 14 G (D)	160	0.035 / 0.89	50/500
	15066	7FR / 18G (P) - 14 G (D)	200	0.035 / 0.89	50/500
	15061	8FR / 14G (P) - 14 G (D)	160	0.035 / 0.89	50/500
	15063	8FR / 14G (P) - 14 G (D)	300	0.035 / 0.89	70/700
Triple Lumen	15106	4.5FR / 23G (P) 20G (D)-23G(M)	60	0.018 / 0.46	50/500
	15115	4.5FR / 23G (P) 20G (D)-23G(M)	80	0.018 / 0.46	50/500
	15116	4.5FR / 23G (P) 20G (D)-23G(M)	130	0.018 / 0.46	50/500
	15108	5FR / 22G (P) 20G (D)-22G(M)	80	0.018 / 0.46	50/500
	15109	5FR / 22G (P) 20G (D)-22G(M)	130	0.018 / 0.46	50/500
	15110	5FR / 22G (P) 20G (D)-22G(M)	150	0.018 / 0.46	50/500
	15111	5FR / 22G (P) 20G (D)-22G(M)	160	0.018 / 0.46	50/500
	15112	5FR / 22G (P) 20G (D)-22G(M)	200	0.018 / 0.46	50/500
	15100	5.5FR / 22G (P) 20G (D)-22G(M)	80	0.018 / 0.46	50/500
	15101	5.5FR / 22G (P) 20G (D)-22G(M)	160	0.018 / 0.46	50/500
	15102	5.5FR / 22G (P) 20G (D)-22G(M)	200	0.018 / 0.46	50/500
	15113	7FR / 18G (P) 16G (D)-18G(M)	150	0.035 / 0.89	50/500
	15103	7FR / 18G (P) 16G (D)-18G(M)	160	0.035 / 0.89	50/500
	15104	7FR / 18G (P) 16G (D)-18G(M)	200	0.035 / 0.89	50/500
	15105	7FR / 18G (P) 16G (D)-18G(M)	300	0.035 / 0.89	70/700
Four Lumen	-	8FR / 18G (P) 16G (D)-18G(M1-M2)	130	0.035 / 0.89	50/500
	-	8FR / 18G (P) 16G (D)-18G(M1-M2)	160	0.035 / 0.89	50/500
	-	8FR / 18G (P) 16G (D)-18G(M1-M2)	200	0.035 / 0.89	50/500

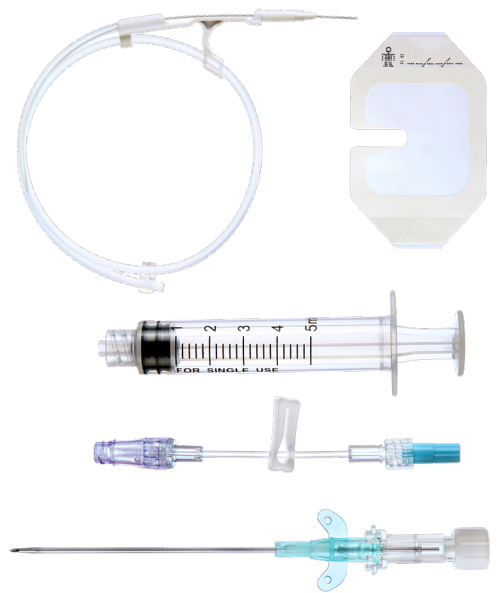
Poly Lead-OTN

13440-13531

Mini Mid Lines - Over the Needle

- Mini-Mid Line kit Over-the-needle is suitable for “difficult insertion vascular access”
- Soft flexible kink resistant straight Nitinol Guide wire for conversion into an over-the wire
- Made of bio-compatible radio-opaque Polyurethane material providing strength during insertion
- Specially designed soft tip for smooth & easy insertion of catheter
- Needle free connector provides a closed system

Gauge	Color	Catheter O.D.mm	Flow Rate (ml/min)		
			60mm	70mm	80mm
14G	Orange	2.0	295	290	285
16G	Grey	1.7	190	185	180
17G	White	1.5	125	120	115
18G	Green	1.3	80	75	70



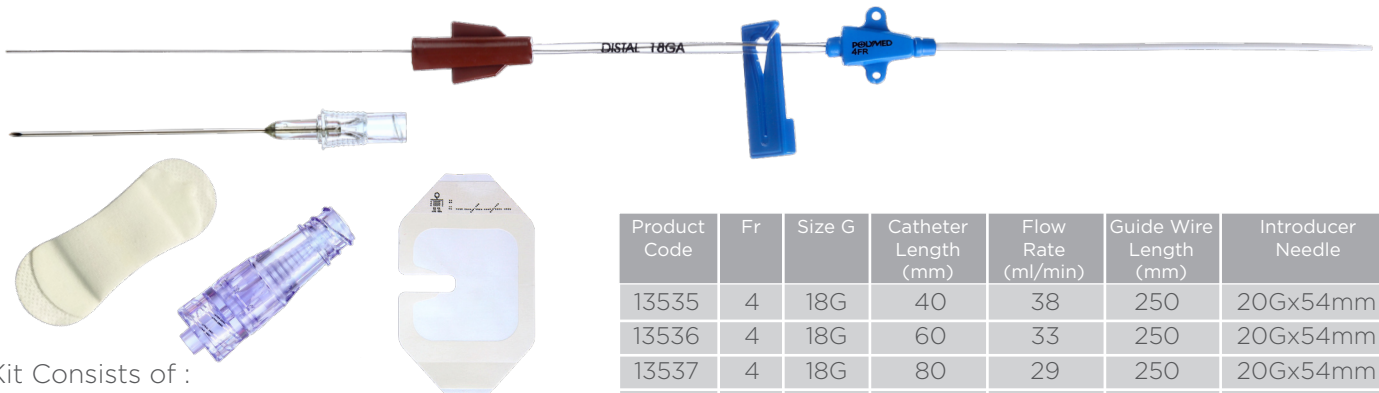
Compatible with Power injectors
Up to 300 PSI

Poly Lead-OTW

13535-13539, 13580-13586

Mini Mid Lines - Over the Wire

- Radio-opaque Polyurethane catheter with fixation wings: To be used with Seldinger technique by introducer needle and straight guidewire



Kit Consists of :

- Mini Mid Line Catheter
- Introducer Needle
- Nitinol Guidewire Straight Point (OD 0.018)
- Securement Device
- Wound IV Dressing
- Drape
- Needle Free Connector

Compatible with Power injectors
up to 300 PSI

Product Code	Fr	Size G	Catheter Length (mm)	Flow Rate (ml/min)	Guide Wire Length (mm)	Introducer Needle
13535	4	18G	40	38	250	20Gx54mm
13536	4	18G	60	33	250	20Gx54mm
13537	4	18G	80	29	250	20Gx54mm
13538	4	18G	120	26	400	20Gx54mm
13539	3	20G	40	18	250	20Gx54mm
13580	3	20G	60	14	250	20Gx54mm
13581	3	20G	80	12	250	20Gx54mm
13582	3	20G	120	8	400	20Gx54mm
13583	2	22G	40	15	250	20Gx42mm
13584	2	22G	60	12	250	20Gx42mm
13585	2	22G	80	10	250	20Gx42mm
13586	2	22G	120	6	400	20Gx42mm

HEALTHPICC

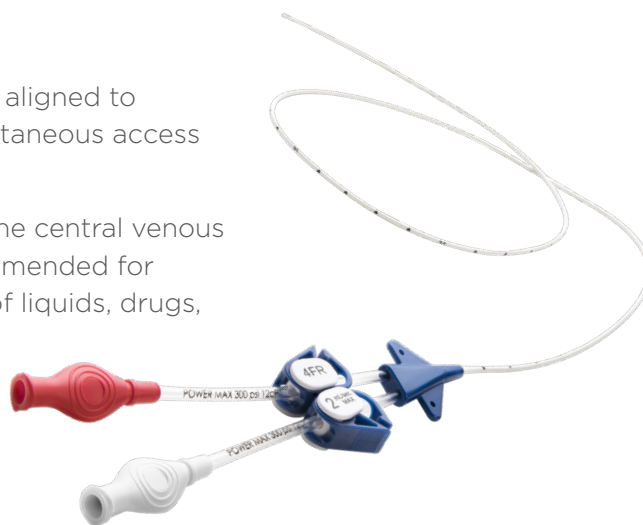
Peripherally Inserted Central Catheter

A wide range of POWER CATHETERS and components aligned to the latest clinical procedures for an easy and safe percutaneous access

Intended Use

HealthPICC identifies a range of catheters suitable for the central venous system access through the arm's deep veins. It is recommended for short and long therapies, allowing the venous infusion of liquids, drugs, nutritional therapies and blood samples withdrawal

All HealthPICC catheters are suitable for high-flow rate injection of contrast media ("Power injection")



Features

Power Injectable Catheters

All HEALTHPICC catheters are made of Polyurethane and suitable for high-pressure injections (max flow rate as reported in the table below)

Kit Contents

- HEALTHPICC catheter marked every centimetre
- Stylet
- Stylet holder and T-connector
- 21GA echogenic needle
- Nitinol straight guidewire
- Dilator/Introducer
- MicroCLAVE^{*1} neutral connector
- Grip-Lok^{*2} suture-less adhesive
- Safety scalpel
- Paper ruler
- Instructions for use
- Patient implant card

ECG-compatible for catheter's tip correct placement

Code	Lumen	Catheter diameter	Catheter material (FR)	Catheter length	Gravity flow rate ^a (mm)	Maximum flow rate ^b (ml/min)	Reverse tapering (ml/min)	Depth marks
40cm Guidewire	80cm Guidewire							
201.60.10.13	201.60.10.13 L	Single	3	PUR	450	8	2	Yes
201.60.10.14	201.60.10.14 L	Single	4	PUR	550	22	5	Yes
201.60.10.15	201.60.10.15 L	Single	5	PUR	550	39	7	Yes
201.60.10.24	201.60.10.24 L	Double	4	PUR	450	4	2	Yes
201.60.10.25	201.60.10.25 L	Double	5	PUR	500	10	5	Yes

Code	Lumen	Catheter diameter	Catheter material (FR)	Catheter length	Gravity flow rate (mm)	Maximum flow rate (ml/min)	Reverse tapering (ml/min)	Depth marks
40cm Guidewire	80cm Guidewire							
201.65.10.13	201.65.10.13 L	Single	3	PUR	450	8	2	No
201.65.10.14	201.65.10.14 L	Single	4	PUR	550	22	5	No
201.65.10.15	201.65.10.15 L	Single	5	PUR	550	39	7	No
201.65.10.24	201.65.10.24 L	Double	4	PUR	450	4	2	No
201.65.10.25	201.65.10.25 L	Double	5	PUR	500	10	5	No

(a) Gravity infusion from a height difference of 1m

(b) Maximum flow rate with limiting pressure of 300 psi, medium viscosity of 12cP

HEALTH PICC

PICC Lines

Micro - Introduction Kit

REF	Description	Introducer Needle	Dilator / Introducer	Guidewire
201.60.51.03	introducer Set 3FR short	21GA x 40 mm	4FR x 50 mm	0.45 x 400 mm
201.60.51.04	introducer Set 4FR short	21GA x 40 mm	4.5FR x 50 mm	0.45 x 400 mm
201.60.51.14	introducer Set 4FR	21GA x 70 mm	4.5FR x 70 mm	0.45 x 400 mm
201.60.51.15	introducer Set 5FR	21GA x 70 mm	5.5FR x 70 mm	0.45 x 400 mm
201.60.51.06	introducer Set 6FR	21GA x 70 mm	6FR x 70 mm	0.45 x 400 mm

HEALTHMID

Peripherally inserted
Venous Catheters



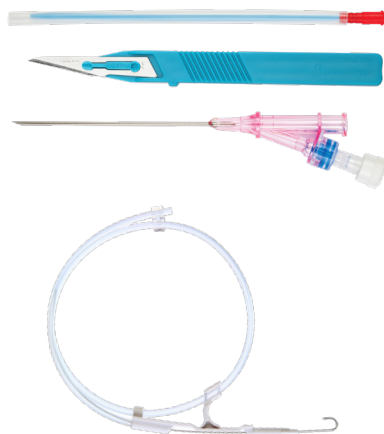
NOT FOR CENTRAL
VENOUS ACCESS

Reverse Tapering

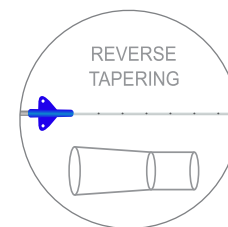
For an easy and safe implantation procedure; reducing the risk of bleeding
Reverse tapering also offers an excellent resistance to kinking

Complete introducer set

- HEALTHMID Catheter
- Micro: introducer needle
- Needle free connector
- Paper ruler
- No CVC Label
- Straight Nitinol guidewire
- MicroCLAVE*
- Grip-Lok*
- Dilator-Introducer
- Instruction for use
- Scalpel



Needle Free
Connector



Power injectable catheters

All catheter versions are power injectable; maximum contrast medium flow rates are specified in the REF table below

Max injector pressure: V300psi

Max fluid density: 12cP

Pre:heating of contrast medium to 37°C is recommended

1 MicroCLAVE® is a registered trademark of ICU Medical, Inc.

2 Grip-Lok® is a registered trademark of TIDI Products, LLC.

Safety Introducer Needle

- Suitable for insertion of Peripherally Inserted Central Catheter (PICC) Line and Central Venous Catheters
- Needle Safety guard provided to reduce needle stick injuries
- Uniquely designed Needle Safety guard prevents blood spillage
- Echogenic - Ultrasound guided clear needle tip visualization for safe and accurate needle placement
- Length: 40mm & 70mm
- PVC Free, DEHP Free, Latex Free
- Sizes: 18G & 21G (Echogenic)



Safety Winged Infusion Set

13400-13409

- Safety winged infusion set with short, atraumatic sharp needle
- Safety needle shield minimizes the risk of needle stick injuries
- Color-coded flexible wings
- Sizes: 18G to 27G
- Also available with luer adapter for safe blood collection

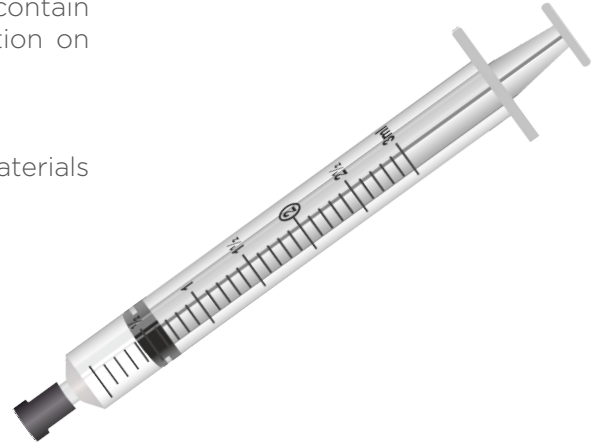


Needle Safety
Shield

Arterial Blood Collection Syringe

91328-91329

- Arterial Blood Collection syringe is used for blood collection by manual aspiration from arteries
- Arterial Blood Collection Syringes are Needle- free and contain Calcium balanced Lithium Heparin coating for anti-coagulation on the inside wall of the syringe
- Black Rubber Tip Cap protects from contamination.
- Gamma Sterile
- Product is made from bio-compatible and non-reactive materials with blood
- PVC Free, DEHP Free, Latex Free
- Sizes: 1ml, 3ml & 5ml
- Options available: with luer lock & with luer slip tip



Polyswab

90288,90289,90309,90312,
90313,90323,90324

Disinfecting Cap

- Provides instant active and efficient disinfection
- Compatible with all needle-free and luer access systems
- Eliminates inter-personal variation in compliance with 'the scrub the hub' method of disinfection and saves nursing time
- Ergonomic design for smooth usage
- PVC Free, Latex Free, DEHP Free
- Gamma Sterile
- Available in Single pack & Multi pack
- Provide active disinfection for 7 days if not removed
- 70 % Isopropyl alcohol
- Options available:
 - For female luer
 - For male luer
 - For haemodialysis Tego connectors



Strip available
of 10 pcs.

*Also available in single piece packaging

Extension Lines



13119-13124, 13149-13481

High Pressure Extension Line

- Suitable for high-pressure monitoring
- Kink-resistant PVC tubing
- For pressure up to 55 bar (800 psi)
- Priming volume: 0.8 ml/meter
- Tube dia: I Ø 1.0 mm & O Ø 3.0 mm
- Tube Length: 20, 25, 50, 60, 100, 150, 200, 300
- DEHP Free
- Also available with photosensitive tubing



13240-13244, 13249, 13331-13333 PVC Free High Pressure Extension Line (Straight)

- Kink resistant PE tubing
- For pressure up to 55 bar (800 psi)
- Tube dia: I Ø 1.0 mm & O Ø 2.0 mm
- Tube length: 10, 25, 30, 50, 85, 100, 120, 150, 200, 300, 400
- Priming volume 0.84 ml/meter



13180-13202

Low Pressure Extension Line

- Extension line suitable for low pressure applications
- Kink resistant PVC tubing
- For pressure up to 4.5 bar (65 psi)
- Priming volume : 6.46 ml/meter
- Tube dia : I Ø 3.0 mm & O Ø 4.1 mm
- Tube Length : 25, 50, 100, 150 & 200
- DEHP Free



13130-13133, 13135, 13245-13248 PVC Free High Pressure Extension Line (Coiled)

- Kink resistant PE tubing
- For pressure up to 55 bar (800 psi)
- Tube length: 100 cm, 200 cm, 300 cm & 400 cm
- Tube dia: I Ø 1.0 mm & O Ø 2.0 mm
- Priming volume 0.84 ml/meter

Extension Lines with Needle Free Connectors

Micropolysyte

13340-13346

- Neutral displacement connector
- Needle-free technology, designed to reduce the risk of bacterial contamination and improve patient outcome
- Split-septum technology
- Straight fluid path & minimal space of 0.04 ml allows for lower flush volumes
- Swabable surface for ease of disinfection
- Allows saline flush option which eliminates the risk of Heparin Induced Thrombocytopenia (HIT)
- No latex or metal components, DEHP free, MRI compatible



Micropolysyte
Mono



Micropolysyte
Duo



Micropolysyte
Trio

Safe Conekt

13320-13337, 13361-13362

- Negative displacement connector
- Needle-free connector reduces the risk of Catheter-Related Blood Stream Infections (CRBSI)
- Needle-free technology reduces the risk of bacterial contamination
- Suitable for all peripheral, arterial and central venous catheters for the administration of I.V. fluids or medication
- Flat smooth swabable surface for ease of disinfection
- DEHP Free extension tubing
- Latex Free



Mono



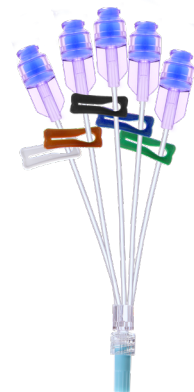
Duo



Trio



Quatro



Penta

14260-14269, 14289, 14291-14292

Autofusion Set

I.V. Infusion Set Double Chamber with Auto Air Stop & Priming Filter

14296, 14263, 14290, 14293-14294

Autofusion Nuovo Set

I.V. Infusion Set with soft chamber Auto Air Stop & Priming Filter



Auto Air Stop Filter

- Specially designed Auto Air Stop filter prevents the entry of air in the line when the I.V. bottle is empty
- Auto Air Stop filter maintains a constant fluid level and reduces the possibility of air in the I.V. Line



Priming Filter

- The special Priming Filter ensures that the line fills automatically (Auto Prime) thus maintains a closed system
- Reduces spillage and wastage of I.V. fluid



Features and Benefits

- Clear spike compatible with I.V. bottles
- Unique designed ring in drip chamber for secure gripping (only for Autofusion set)
- Flexible drip chamber for easy and fast priming (Drop rate 20 drops/mL)
- DEHP free reduces phthalate related toxicity thus ensures Patient Safety
- Suitable for Gravity feed as well as Pressure Infusions up to 2 bars
- Standard tube length: 180 cms
- Latex Free, DEHP Free
- Also available with "Y" injection port (Latex free), Backcheck valve, Needle-free Y-site & Stop cock

14024, 14138, 14158, 14174

Novofusion BCV Set

I.V. Infusion Set with Airvent
& Back Check Valve



14120-14154, 14165-14168, 14370-14377

Novofusion Set

I.V. Infusion Set with Airvent



Common Features

- Transparent & flexible drip chamber
- 15-micron fluid filter in drip chamber
- Soft and kink resistant DEHP free PVC tubing
- Smooth roller clamp facilitates easy, safe control and adjustment of fluid rates
- Standard tube length : 150 cms
- Tube dia: I Ø 3 mm & O Ø 4.1 mm

14155-14156

Polyfusion W

I.V. Infusion Set with Airvent & Winged Spike



- Sharp and Winged spike for easy insertion
- Approximately 20 drops/ml

14001-14013

Polyfusion

I.V. Infusion Set with Airvent Spike



- Approximately 20 drops/ml

Features

- Sharp and easy piercing air-vented spike
- Bacteria retention air inlet with snap cap
- Approximately 20 drops/ml
- Also available without Airvent as Polyfusion Non-Vented
- DEHP Free

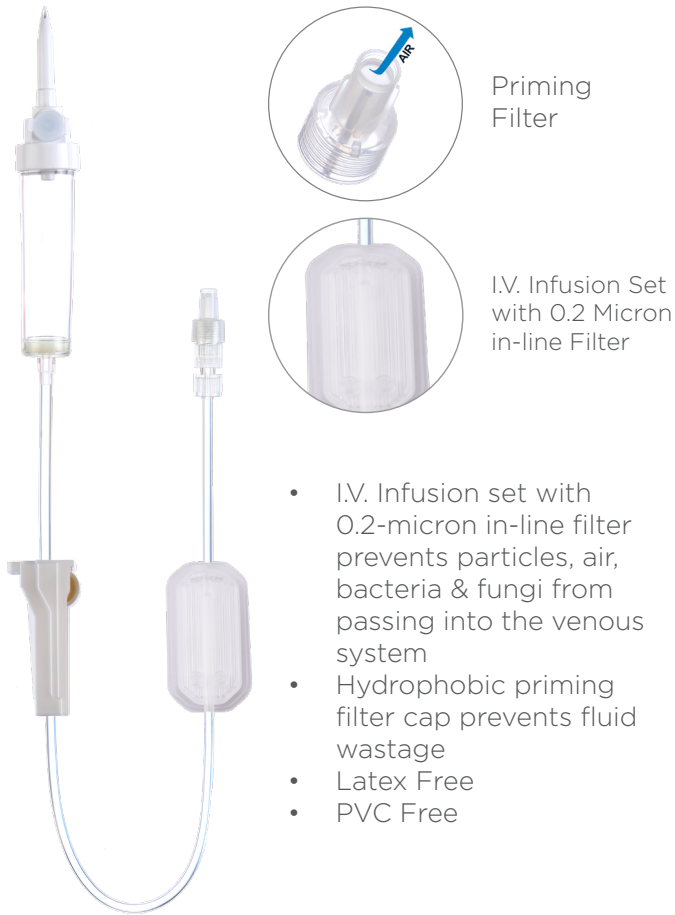
Features

- Transparent & flexible drip chamber
- 15-micron fluid filter in drip chamber
- Soft and kink resistant PVC tubing
- Smooth roller clamp facilitates easy & controlled adjustment of fluid rates
- Standard tube length: 150 cms
- “Y” injection port designed for intermittent medications
- Tube dia: I Ø 3 mm & O Ø 4.1 mm
- DEHP Free & Latex Free

14160-14164

Oncofusion Set

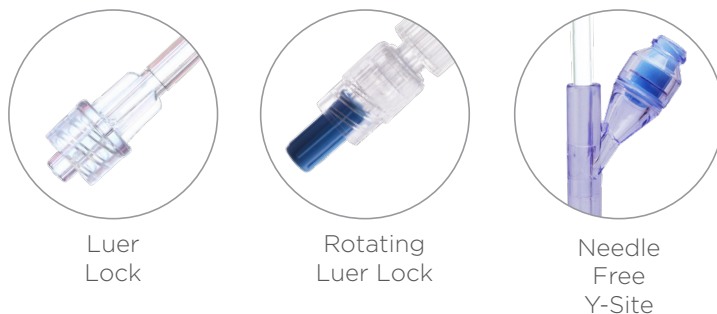
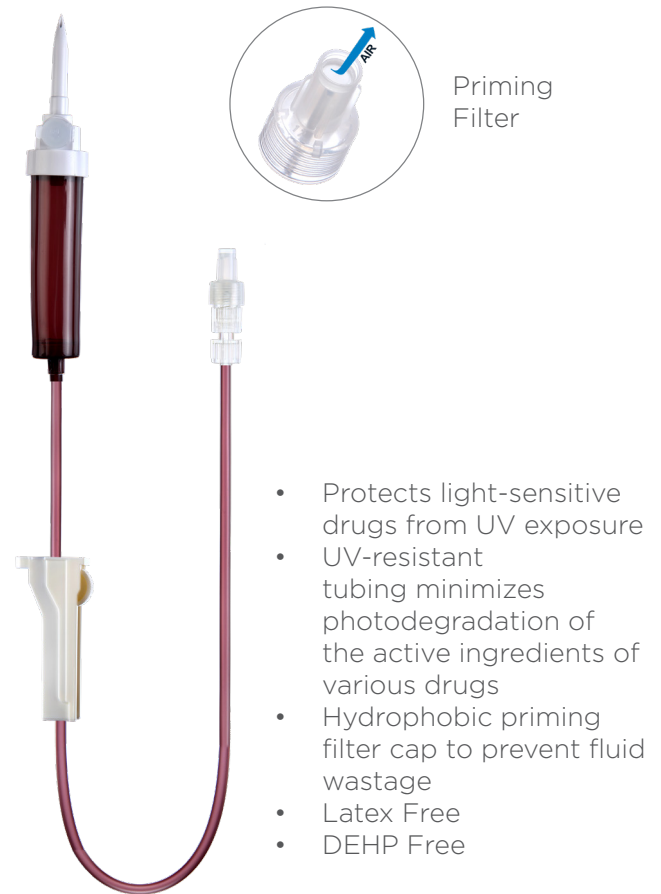
I.V. Infusion Set with 0.2 Micron in-line Filter



14230-14235

Photofusion Set

I.V. Infusion Set for Photosensitive Drugs



Also available with

- Rotating luer lock
- With or without needle
- "Y" injection port (latex-free)
- Designed for intermittent medications
- Needle-free Y-site

14270-14272

Ultrafusion Set

I.V. Infusion Set with Three Way Stop Cock & Priming Filter



14060-14073

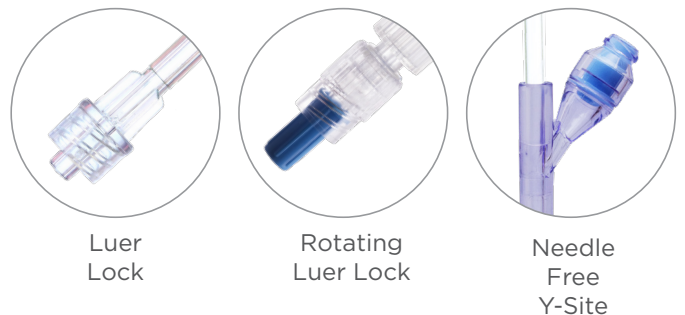
Microfusion Set

I.V. Infusion Set with Micro Drip



Common Features

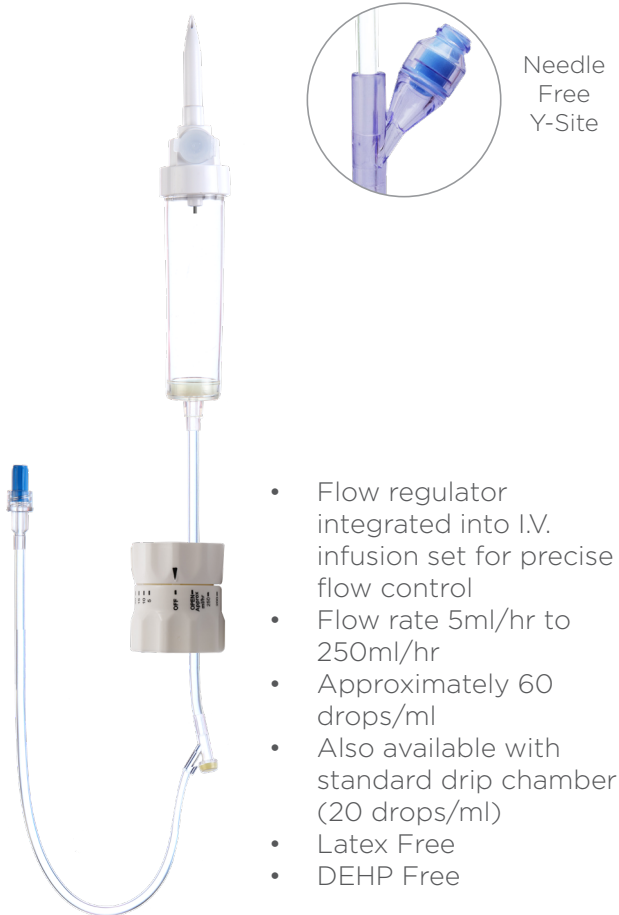
- For gravity feed only
- 15-micron fluid filter in drip chamber
- Soft and kink resistant DEHP free PVC tubing ensures uniform flow rate
- Smooth roller clamp facilitates easy, safe control and adjustment of fluid rates
- Standard tube length: 150 cms
- Tube dia: I Ø 3 mm & O Ø 4.1 mm



14280-14282

Polytrol - Micro Set

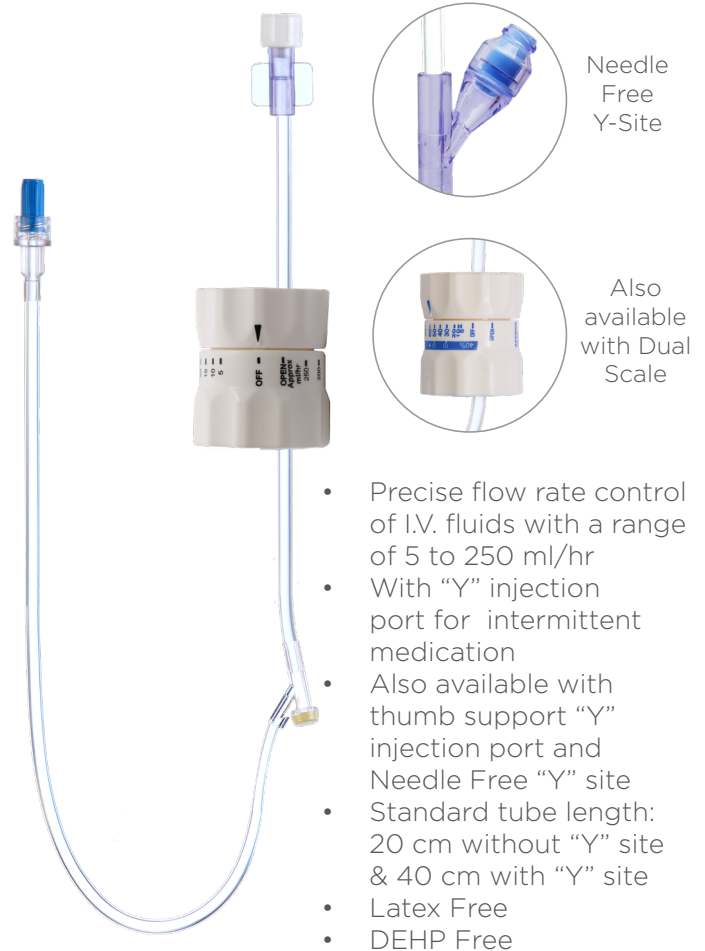
I.V. Infusion Set with Micro Drip
& Flow Regulator



13150-13166

Polyflo Novo

I.V. Flow Regulator Extension Sets



Common Features

- For gravity feed only
- 15-micron fluid filter in drip chamber
- Soft and kink resistant DEHP free PVC tubing ensures uniform flow rate
- Smooth roller clamp facilitates easy, safe control and adjustment of fluid rates
- Standard tube length: 150 cms
- Tube dia: I Ø 3 mm & O Ø 4.1 mm

Polyvol

14500, 14527-14543

Measured Volume Fluid Administration Set (Burette Set)

- Transparent, cylindrical & calibrated measured volume chamber with bold scale
- Bacteria retentive air inlet on spike
- Automatic shut-off valve prevents entry of air once the burette chamber gets emptied
- Automatic shut-off valve also indicates the level of fluid
- Micro drip with 60 drops per ml
- 15 micron fluid filter in the drip chamber
- Soft and kink resistant PVC tubing
- Tube dia: I Ø 3 mm & O Ø 4.1 mm
- Sizes: 100 ml, 110 ml & 150 ml
- Standard Tube length: 150 cm
- DEHP Free
- Latex Free

Options Available:

- Luer lock or Rotating luer lock
- "Y" injection port (latex-free)



Luer
Lock



Rotating
Luer Lock



Needle
Free
Y-Site



Latex
Free
Y-Site



Manifolds

- Suitable for intervention radiology and cardiology procedures
- Used as a delivery device for I.V. fluids to the patient's vascular system
- Available with 2, 3, 4, 5 & 6-way channels
- Minimal residual & priming volume
- Lipid resistant

Also available
with Needle
free connectors
&
Extension line

13711-13715, 13721-13725, 13727-13751



2 Ways



3 Ways



4 Ways



5 Ways



6 Ways

Needle Free Connectors - Standalone

13347

Micropolysyte

- Neutral displacement connector
- Needle-free technology, designed to reduce the risk of bacterial contamination and improve patient outcome
- Split-septum technology
- Straight fluid path & minimal dead space of 0.04 ml allows for lower flush volumes
- Swabable surface for ease of disinfection
- Allows saline flush option which eliminates the risk of Heparin Induced Thrombocytopenia (HIT)
- No latex or metal components, DEHP free, MRI compatible



Safe Conekt

13363

- Negative displacement connector
- Needle-free connector reduces risk of Catheter-Related Blood Stream Infections (CRBSI)
- Needle-free technology reduces the risk of bacterial contamination
- Suitable for all peripheral, arterial and central venous catheters for the administration of I.V. fluids or medication
- Flat smooth swabable surface for ease of disinfection
- Safe & secure connection to luers of other systems
- No latex or metal components, DEHP free, MRI compatible



Needle-free technology, designed to reduce the risk of bacterial contamination and improve patient outcome. A complete line of Needle Free I.V. Connectors to help you meet your clinical needs.

Polymed Flush Syringe

90311, 90315-90326

Pre-filled Saline Syringes

- Polyflush provides safety to healthcare professionals by reducing the risk of needle stick injuries unlike conventional systems
- Avoids catheter damage as syringe diameter is inversely related to pressure generated at the distal end of the syringe. Smaller diameter syringes generate greater amounts of pressure than larger diameter syringes and can risk catheter damage
- Gamma sterilized
- Also available in Single sterile & Double sterile version



90326	Pre-filled Syringe with 0.9% Sodium Chloride -20mL	Double Sterile*
90315	Pre-filled Syringe with 0.9% Sodium Chloride -10mL	
90316	Pre-filled Syringe with 0.9% Sodium Chloride - 5mL	
90317	Pre-filled Syringe with 0.9% Sodium Chloride - 3mL	
90325	Pre-filled Syringe with 0.9% Sodium Chloride -20mL	Single Sterile**
90318	Pre-filled Syringe with 0.9% Sodium Chloride - 10mL	
90319	Pre-filled Syringe with 0.9% Sodium Chloride - 5mL	
90311	Pre-filled Syringe with 0.9% Sodium Chloride - 3mL	

* Double Sterile - Sterile fluid path + Sterile syringe

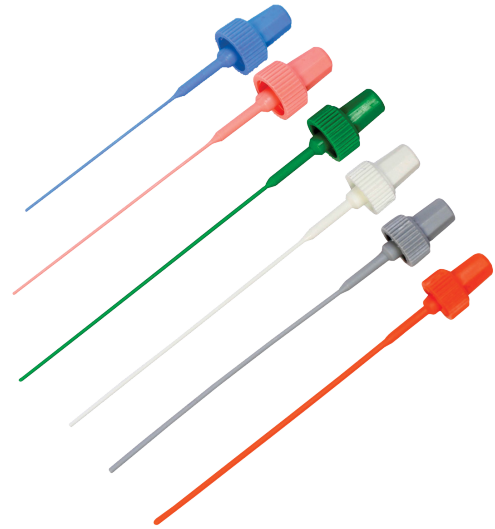
** Single Sterile - Sterile fluid path

13080-13085

Obturator

Stylet / Mandarin with Luer Lock

- Used in conjunction with I.V. Cannula for its long-term closure
- Color coded for easy identification of sizes
- Sizes: 14 G to 22 G



13134, 13265

T-Type Extension Set

- Extension Tube T-Type
- Tube Length: 15 cm
- Also available with Luer lock & Luer slip



Polyway

Three Way Stop Cock

- For multiple infusions
- 360° rotation
- Rotating male luer and two female luer connectors



13001-13003



13004-13006



13007-13009

13001-13009

13023-13025, 13505-13506

Polyway Pro

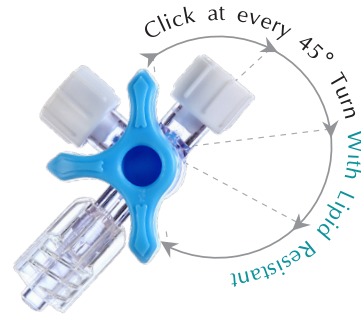
Three Way Stop Cock
Lipid resistant



13026, 13058, 13600

Polyway Pro Click

Three Way Stop Cock
Lipid resistant
with 45° Click



Common features

- For multiple infusions
- 360° rotation
- For pressure up to 5.5 bar

13040-13045, 13050-13611, 13230-13060, 13070-13075

Polyway with Extension Tube

Three Way Stop Cock with Extension Tube

- Soft, frosted & kink resistant DEHP-free PVC tubing provides uninterrupted fluid movement
- Tube length: 10, 15, 20, 25, 30, 50, 80, 100, 150 & 200 cm
- Tube dia: I (Ø 3 mm) & O (Ø 4.1 mm)
- Available with rotating Luer Lock



Common features

- Crystal clear transparent channel
- Minimum priming volume required for accurate drug administration
- Rotating male luer and two female luer connectors
- Arrow indication on the handle to indicate the direction of flow
- Connection meets 6% taper requirement to ensure leakage-free fitment

Polyspike

Vial Access Spike

With Snap-fit Cap

Product Code	Fluid Filter	Air Filter	Nature of Use
13491	5µ	0.1µ	Chemotherapeutic Drugs
13490	5µ	0.1µ	Normal Drugs
13068	NA	0.1µ	Normal Drugs

With Needle free connector

Product Code	Fluid Filter	Air Filter	Nature of Use
13494	5µm	0.1µm	Chemotherapeutic Drugs
13493	5µm	0.1µm	Normal Drugs
13492	NA	0.1µm	Normal Drugs

13068, 13490-13496, 13550-13561



Polyspike V-Plus

Vial Access Spike with Integrated Valve

- Integrated valve prevents free flow when the system is turned upside down.

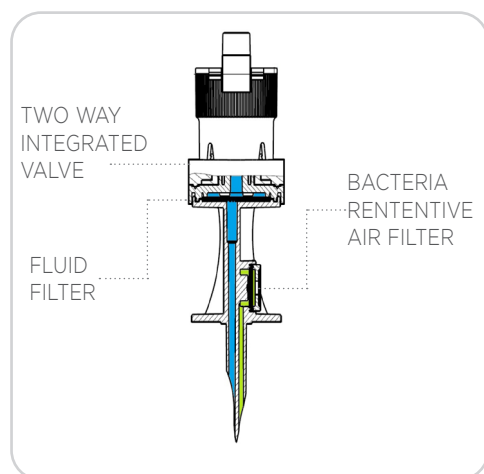
Product Code	Fluid Filter	Air Filter	Nature of Use
13565	5µm	0.2µm	Chemotherapeutic Drugs
13566	5µm	0.1µm	Normal Drugs
13567	5µm	0.45µm	Normal Drugs
13568	NA	0.1µm	Normal Drugs
13569	NA	0.45µm	Normal Drugs

13565-13569



Common Features :

- Vented spike for withdrawing fluids from vials or semi-rigid containers
- Uniform smooth bore permits maximum infusion flow
- Enhanced accurate drug administration practice with minimum priming volume
- Safety Snap Cap provides a barrier against contamination
- Red color-coded Polyspike is compatible with chemotherapeutic material used in anti-cancer intravenous drug therapy
- Bacteria retentive air filter neutralizes negative pressure developed in vial during withdrawal of drugs
- Female luer fitting provides leak proof connection
- Leak proof up to 1 bar
- PVC Free, DEHP Free, Latex Free



Healthport

Implantable port

For chemotherapy, analgesic therapy, antibiotic therapy and other solutions, injections and infusions of blood components and derivatives, repetitive drawing of blood samples.

The system is:

SAFE

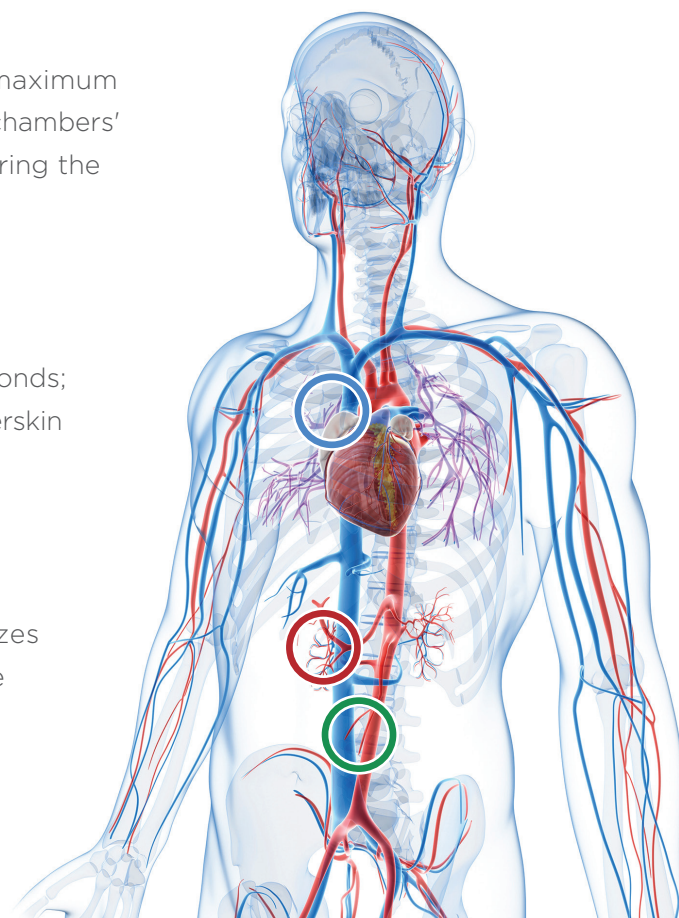
High-quality materials and accurate design assure maximum reliability. Robust chambers are leakproof; on all the chambers' models the inner reservoir is made of Titanium, ensuring the highest durability and drug compatibility.

SIMPLE

Catheter connection can easily be done in a few seconds; chamber shapes allow easy introduction into the underskin pocket.

VERSATILE

A Wide choice of chamber models and catheter sizes make the Healthport system appropriate for all the patients, users and clinical requirements.



	ETI	LP	PLP	POWER TI	POWER PLP	miniMAX	FOCUS DC
VENOUS SYSTEM	●	●	●	●	●	●	●
SPINAL SYSTEM	●						
ARTERIAL SYSTEM	●						

ETI Easy to Implant

Secureport

- Small chamber
- Wedge-shaped for easy insertion into underskin pocket
- Large self-sealing septum facilitates location during skin palpation and reduces risks of puncture concentration
- High needle retention due to pressure exerted on self-sealing septum by titanium components
- Titanium assures highest mechanical reliability and stability



Port

Material:	Titanium
Shape and dimensions:	wedged - base 27.5 mm x 19 mm
Height:	10.5 mm
Weight:	10.5 g
Internal volume:	0.53 ml

Septum

Material:	Silicone
Diameter available for puncture:	12.8 mm
Maximum number of punctures:	2000 with 22G Huber needle 1000 with 19G Huber needle

Catheter with rounded tip, marked with a dot every Centimetre and a number every 5 centimetres.

Code	Product configuration ETI	Height mm	Weight g	Material	ID mm	OD mm	FR	Length mm	Introducer Dimension FR	Flow mL/min 22G	Flow mL/min 19G
201.17.12.21T	All-in-One	10.5	10.5	Silicone	1.00	2.10	6.5	780	6.5	7	13
201.17.12.31T	All-in-One	10.5	10.5	Silicone	1.50	2.70	8	780	9	10	18
201.17.12.41T	All-in-One	10.5	10.5	PUR	1.10	1.70	5	780	5	8	13
201.17.10.21T	Standard	10.5	10.5	Silicone	1.00	2.10	6.5	780	NA	7	13
201.17.10.31T	Standard	10.5	10.5	Silicone	1.50	2.70	8	780	NA	10	18
201.17.10.41T	Standard	10.5	10.5	PUR	1.10	1.70	5	780	NA	8	13

All-in-One

Package configuration

Port
Catheter
Connector
Straight Huber needle 22G x 1"
Luer connector
Peel-away Introducer-dilator
18G introducer needle
0,89 mm J-tip guidewire
Stainless steel tunneller

Standard

Package configuration

Port
Catheter
Connector
Huber needle 22G x 25.4 mm
Luer connector

Venous Introducer Set

Code		Colour Code
201.51.10.21T	Introducer set 6.5 FR	
201.51.10.31T	Introducer set 9 FR	
201.51.10.41T	Introducer set 5 FR	

- Peel-away dilator-introducer
- 18G introducer needle
- 0,89 mm J-Guidewire
- Stainless steel tunneller

LP Low Profile Secureport

- Small chamber
- Circular (dome) shape for maximum stability of the chamber risk of “flipping” minimized
- Large self-sealing septum facilitates location during skin palpation and reduces risks of puncture concentration
- High needle retention due to pressure exerted on self-sealing septum by titanium components
- Titanium assures highest mechanical reliability and stability



Features

Port		Septum	
Material:	Titanium	Material:	Silicone
Shape and dimensions:	circular - base diameter 26 mm	Diameter available for puncture: 12.8 mm	
Height:	10.2 mm	Maximum number of punctures: 2000 with 22G Huber needle	
Weight:	8.5 g	1000 with 19G Huber needle	
Internal volume:	0.53 ml		

Catheter with rounded tip, marked with a dot every Centimetre and a number every 5 Centimetres.

Code	Product Configuration LP	Height mm	Weight g	Material	ID mm	OD mm	FR	Length mm	Introducer Dimension FR	Flow mL/min 22G	Flow mL/min 19G
201.15.12.21T	All-in-One	10.2	8,5	Silicone	1.00	2.10	6,5	780	6.5	7	12
201.15.12.31T	All-in-One	10.2	8.5	Silicone	1.50	2.70	8	780	9	10	18
201.15.12.41T	All-in-One	10.2	8.5	PUR	1.10	1.70	5	780	5	8	13
201.15.10.21T	Standard	10.2	8.5	Silicone	1.00	2.10	6,5	780	NA	7	12
201.15.10.31T	Standard	10.2	8.5	Silicone	1.50	2.70	8	780	NA	10	18
201.15.10.41T	Standard	10.2	8.5	PUR	1.10	1.70	5	780	NA	8	13

All-in-One	Package configuration
	Port
	Catheter
	Connector
	Straight Huber needle 22G x 1"
	Luer connector
	Peel-away Introducer-dilator
	18G introducer needle
	0,89 mm J-tip guidewire
	Stainless steel tunneller

Standard	Package configuration
	Port
	Catheter
	Connector
	Huber needle 22G x 25.4 mm
	Luer connector

Venous Introducer Set

Code		Colour Code
201.51.10.21T	Introducer set 6.5 FR	
201.51.10.31T	Introducer set 9 FR	
201.51.10.41T	Introducer set 5 FR	

- Peel-away dilator-introducer
- 18G introducer needle
- 0,89 mm J-Guidewire
- Stainless steel tunneller

Power TI

Secureport Power

- Port chamber specifically designed to be used for high-flow injection of contrast media
- Large self-sealing septum allows location during skin palpation and reduce risks of puncture concentration
- Transparent and radiopaque elastomeric connector allows rapid, safe and reversible connection of the catheter



Features

Port		Septum	
Material:	Titanium	Material:	Silicone
Shape and dimensions: wedge - base 22 mm x 26 mm		Diameter available for puncture:13 mm	
Height:	13 mm	Maximum number of punctures: 2000 with 22G	
Weight:	12 g	Huber needle 1000 with 19G Huber needle	
Internal volume:	0.82 ml	Max Flow Rate: 5ml/s with Max pressure 300PSI, Max Viscosity 12cP	

Catheter with rounded tip, marked with a dot every Centimetre and a number every 5 Centimetres.

Code	Product configuration POWER TI	Height mm	Weight g	Material	ID mm	OD mm	FR	Length mm	Introducer Dimension FR	Flow mL/min 22G	Flow mL/min 19G
201.23.12.30T	All-in-One	13	12	Silicone	1.30	2.70	8	600	9	7	21
201.23.12.20T	All-in-One	13	12	PUR	1.35	2.00	6	600	6.5	8	22
201.23.12.33T	All-in-One	13	12	PUR	1.60	2.70	8	600	9	8	24
201.23.10.30T	Standard	13	12	Silicone	1.30	2.70	8	600	NA	7	21
201.23.10.20T	Standard	13	12	PUR	1.35	2.00	6	600	NA	8	22
201.23.10.33T	Standard	13	12	PUR	1.60	2.70	8	600	NA	8	24

All-in-One	Package configuration	Standard	Package configuration
	Port		Port
	Catheter		Catheter
	Connector		Connector
	Straight Huber needle 22G x 1"		Huber needle 22G x 25.4 mm
	Luer connector		Luer connector
	Peel-away Introducer-dilator		
	18G introducer needle		
	0,89 mm J-tip guidewire		
	Stainless steel tunneller		

Venous Introducer Set

Code		Colour Code
201.51.10.21T	Introducer Set 6.5 FR	
201.51.10.31T	Introducer set 9 FR	

- Peel-away dilator-introducer
- 18G introducer needle
- 0,89 mm J-Guidewire
- Stainless steel tunneller

Power LPT

Secureport Power

- Chamber specifically designed to be used for High-flow injections of contrast media
- Low-Profile chamber to ease the introduction into the subcutaneous pocket and increase patient comfort
- Domed septum to aid palpation and access
- Large self-sealing septum allows location during skin palpation and reduces risks of puncture concentration
- Transparent and radiopaque elastomeric connector allows rapid, safe and reversible connection of the catheter



Features

Port		Septum	
Material:	Titanium	Material:	Silicone
Shape and dimensions:	circular - base diameter 25 mm	Diameter available for puncture:	12.8 mm
Height:	10 mm	Maximum number of punctures:	2000 with 22G Huber needle
Weight:	10.3 g		1000 with 19G Huber needle
Internal volume:	0.6 ml	Max Flow Rate: 5ml/s with Max pressure 300PSI, Max Viscosity 12cP	

Catheter with rounded tip, marked with a dot every Centimetre and a number every 5 Centimetres.

Code	Product configuration POWER LPT	Height mm	Weight g	Material	ID mm	OD mm	FR	Length mm	Introducer Dimension FR	Flow mL/min 22G	Flow mL/min 19G
201.26.12.30T	All-in-One PRO	10	10.3	Silicone	1.30	2.70	8	600	9	7	21
201.26.12.20T	All-in-One PRO	10	10.3	PUR	1.35	2.00	6	600	6.5	8	22
201.26.12.33T	All-in-One PRO	10	10.3	PUR	1.60	2.70	8	600	9	8	24

All-in-One PRO Package configuration

Port
Catheter
2 connectors
Straight Huber needle 22G x 1"
Luer connector
Peel-away introducer-dilator
18G introducer needle
0,89 mm J-tip guidewire
Stainless steel tunneller
Vein lifter
90° Huber needle with extensions - 20G x 1"
10 ml syringe
Blunt tip needle

Venous Introducer Set

Code		Colour Code
201.51.10.21T	Introducer Set 6.5 FR	
201.51.10.31T	Introducer set 9 FR	

- Peel-away dilator-introducer
- 18G introducer needle
- 0,89 mm J-Guidewire
- Stainless steel tunneller

miniMAX

Secureport

- Extra small chamber
- Wedge-shaped for easy insertion into underskin pocket
- Large self-sealing septum surface (in relation to overall dimensions)
- Suitable for patients with “cosmetic” needs or paediatric patients
- High needle retention due to pressure exerted on self-sealing septum by titanium components
- Titanium assures highest mechanical reliability and stability



Features

Port		Septum	
Material:	Titanium	Material:	Silicone
Shape and dimensions:	wedged - base 21 mm x 16 mm	Diameter available for puncture:	9 mm
Height:	8.6 mm	Maximum number of punctures:	1500 with 22G Huber needle
Weight:	6 g		
Internal volume:	0.2 ml		

Catheter with rounded tip, marked with a dot every Centimetre and a number every 5 Centimetres.

Code	Product configuration miniMAX	Height mm	Weight g	Material	ID mm	OD mm	FR	Length mm	Introducer Dimension FR	Flow mL/min 22G
201.16.12.21T	All-in-One	8.6	6	Silicone	1.00	2.10	6.5	780	6.5	7
201.16.12.41T	All-in-One	8.6	6	PUR	1.10	1.70	5	780	5	8
201.16.10.21T	Standard	8.6	6	Silicone	1.00	2.10	6.5	780	NA	7
201.16.10.41T	Standard	8.6	6	PUR	1.10	1.70	5	780	NA	8

All-in-One	Package configuration	Standard	Package configuration
	Port		Port
	Catheter		Catheter
	Connector		Connector
	Straight Huber needle 22G x 1"		Huber needle 22G x 25.4 mm
	Luer connector		Luer Connector
	Peel-away Introducer-dilator		
	18G introducer needle		
	0,89 mm J-tip guidewire		
	Stainless steel tunneller		

Venous Introducer Set

Code		Colour Code
201.51.10.21T	Introducer Set 6.5 FR	
201.51.10.41T	Introducer Set 5 FR	

- Peel-away dilator-introducer
- 18G introducer needle
- 0,89 mm J-Guidewire
- Stainless steel tunneller

PLP Plastic Low Profile Secureport

- Low profile plastic chamber, also suitable for patients with thick subcutaneous fat layer
- Light-weight and cost-effective
- Titanium internal chamber avoids damages induced by needle tip and avoids interactions between plastic and drugs
- Large self-sealing septum facilitates location during skin palpation and reduces risks of puncture concentration
- Transparent and radiopaque elastomeric connector allows rapid, safe and reversible connection of the catheter



Features

Port		Septum	
Material:	Titanium + Polysulfone	Material:	Silicone
Shape and dimensions:	circular - base diameter 27 mm	Diameter available for puncture:	13 mm
Height:	10.6 mm	Maximum number of punctures:	2000 with 22G Huber needle
Weight:	5.9 g		1000 with 19G Huber needle
Internal volume:	0.36 ml		

Catheter with rounded tip, marked with a dot every Centimetre and a number every 5 Centimetre

Code	Product configuration PLP	Height mm	Weight g	Material	ID mm	OD mm	FR	Length mm	Introducer Dimension Fr	Flow mL/min 22G	Flow mL/min 19G
201.22.12.21T	All-in-One	10.6	5.9	Silicone	1.00	2.10	6.5	780	6.5	7	12
201.22.12.31T	All-in-One	10.6	5.9	Silicone	1.50	2.70	8	780	9	10	18
201.22.12.41T	All-in-One	10.6	5.9	PUR	1.10	1.70	5	780	5	8	13
201.22.12.20T	All-in-One	10.6	5.9	PUR	1.30	2.00	6.5	780	6.5	7	21
201.22.12.33T	All-in-One	10.6	5.9	PUR	1.60	2.70	8	780	9	8	24
201.22.10.21T	Standard	10.6	5.9	Silicone	1.00	2.10	6.5	780	NA	7	12
201.22.10.31T	Standard	10.6	5.9	Silicone	1.50	2.70	8	780	NA	10	18
201.22.10.41T	Standard	10.6	5.9	PUR	1.10	1.70	5	780	NA	8	13

All-in-One	Package configuration	Standard	Package configuration
	Port		Port
	Catheter		Catheter
	Connector		Connector
	Straight Huber needle 22G x 1"		Huber needle 22G x 25.4 mm
	Luer connector		Luer connector
	Peel-away Introducer-dilator		
	18G introducer needle		
	0,89 mm J-tip guidewire		
	Stainless steel tunneller		

Venous Introducer Set

Code		Colour Code
201.51.10.21T	Introducer set 6.5 FR	
201.51.10.31T	Introducer set 9 FR	
201.51.10.41T	Introducer set 5 FR	

- Peel-away dilator-introducer
- 18G introducer needle
- 0,89 mm J-Guidewire
- Stainless steel tunneller

Power PLP

Secureport power

- Chamber specifically designed to be used for High-flow Injections of contrast media
- Large self-sealing septum facilitates location during skin palpation and reduces risks of puncture concentration
- Transparent and radiopaque elastomeric connector allows rapid, safe and reversible connection of the catheter
- Low profile plastic chamber, also suitable for patients with thick subcutaneous fat layer



Features

Port		Septum	
Material:	Titanium + Polysulfone	Material:	Silicone
Shape and dimensions:	circular - base diameter 27 mm	Diameter available for puncture:	13 mm
Height:	10.6 mm	Maximum number of punctures:	2000 with 22G Huber needle
Weight:	5.9 g		1000 with 19G Huber needle
Internal volume:	0.36 ml	Max Flow Rate: 5ml/s with Max pressure 300PSI, Max Viscosity 12cP	

Catheter with rounded tip, marked with a dot every Centimetre and a number every 5 Centimetres.

Code	Product configuration POWER PLP	Height mm	Weight g	Material	ID mm	OD mm	FR	Length mm	Introducer Dimension Fr	Flow mL/ min 22G	Flow mL/min 19G
201.24.12.30T	All-in-One	10.6	5.9	Silicone	1.30	2.70	8	600	9	7	21
201.24.12.20T	All-in-One	10.6	5.9	PUR	1.35	2.00	6	600	6.5	8	22
201.24.12.33T	All-in-One	10.6	5.9	PUR	1.60	2.70	8	600	9	8	24
201.24.13.30	All-in-One PRO	10.6	5.9	Silicone	1.30	2.70	8	600	9	7	21
201.24.13.20	All-in-One PRO	10.6	5.9	PUR	1.35	2.00	6	600	6.5	8	22
201.24.13.33	All-in-One PRO	10.6	5.9	PUR	1.60	2.70	8	600	9	8	24

All-in-One

Package configuration

Port
Catheter
Connector
Straight Huber needle 22G x 1"
Luer connector
Peel-away Introducer-dilator
18G introducer needle
0,89 mm J-tip guidewire
Stainless steel tunneller

All-in-One PRO

Package configuration

Port
Catheter
2 connectors
Straight Huber needle 22G x 1"
Luer connector
Peel-away introducer-dilator
18G introducer needle
0,89 mm J-tip guidewire
Stainless steel tunneller
Vein lifter
90° Huber needle with extensions - 20G x 1"
10 ml syringe
Blunt tip needle

Venous Introducer Set

Code		Colour Code
201.51.10.21T	Introducer Set 6.5 FR	
201.51.10.31T	Introducer set 9 FR	

- Peel-away dilator-introducer
- 18G introducer needle
- 0,89 mm J-Guidewire
- Stainless steel tunneller

PICC-Port Secureport

- Utilising deep veins in the upper arm and echo-guided venipuncture, it is now possible to combine the advantages of a totally implantable subcutaneous PORT with the insertion technique of a PICC line.
- The catheter is introduced and placed using a standard PIC insertion technique, echo-guided venipuncture, micro-introducer set and ECG catheter tip location.
- The catheter is then connected to a small PORT, placed in a subcutaneous pocket, in the middle third of the upper arm.



Indications:

- Chemotherapies
- Anatomical contraindications to traditional chest ports
- Aesthetic considerations

Features

Port		Septum	
Material:	Titanium	Material:	Silicone
Shape and dimensions:	wedged - base 21 mm x 16 mm	Diameter available for puncture:	9 mm
Height:	8.6 mm	Maximum number of punctures:	500 with 22G Huber needle
Weight:	6 g	Max Flow Rate: 2ml/s with a Max pressure 300PSI, Max Viscosity 12cP	
Internal volume:	0.2 ml		

Advantages:

- Absence of exit site
- Reduced risk of infection compared to PICCs
- Reduced maintenance
- Less invasive and less patient perception of implant

Catheter with rounded tip, marked with a dot every Centimetre and a number every 5 Centimetres.

Code	Product Description miniMAX	Height mm	Weight g	Material	ID mm	OD mm	FR	Length mm	Introducer Dimension Fr	Flow mL/min 22G
201.16.13.55	All-in-One	8.6	6	PUR	1.10	1.70	5	780	5	8

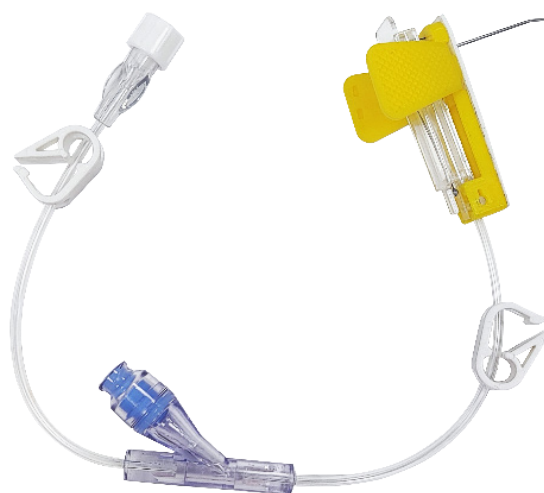
Kit Contents

Port
Catheter
Connector
Straight Huber needle 22G x 1"
Luer connector
0.45 mm straight Nitinol guidewire
Echogenic introducer needle 21G x 70 mm
Peel-away introducer-dilator 5.5Fr x 70 mm
Short stainless steel tunneller
Vein lift
10 ml syringe
90° Huber needle with extensions - 22G x 19mm
Blunt tip needle

Safety Huber Needle

- Compatible with Chemotherapeutic ports
- Non-Coring Needle maximizes port septum life
- Safety mechanism to reduce the risk of needle stick injuries
- PVC free extension tubing
- Soft wings provide ease of dressing and handling
- Needle Free Y-Site for intermediate medication
- Extension Tube Length : 190mm
- Needle Length : 19mm, 25mm
- Also available without safety

Sizes available **20G** **22G**



Huber Needle

- One-piece system designed for safe & effective infusion
- Ergonomically designed wings facilitate secure fixation
- Colour coded wings for easy identification
- Y-site for intermittent medication
- PVC free extension tubing suitable for chemotherapeutic drugs
- DEHP free and Latex free
- Extension Tube Length: 190mm
- Needle Length: 25mm

Sizes available **20G** **22G**



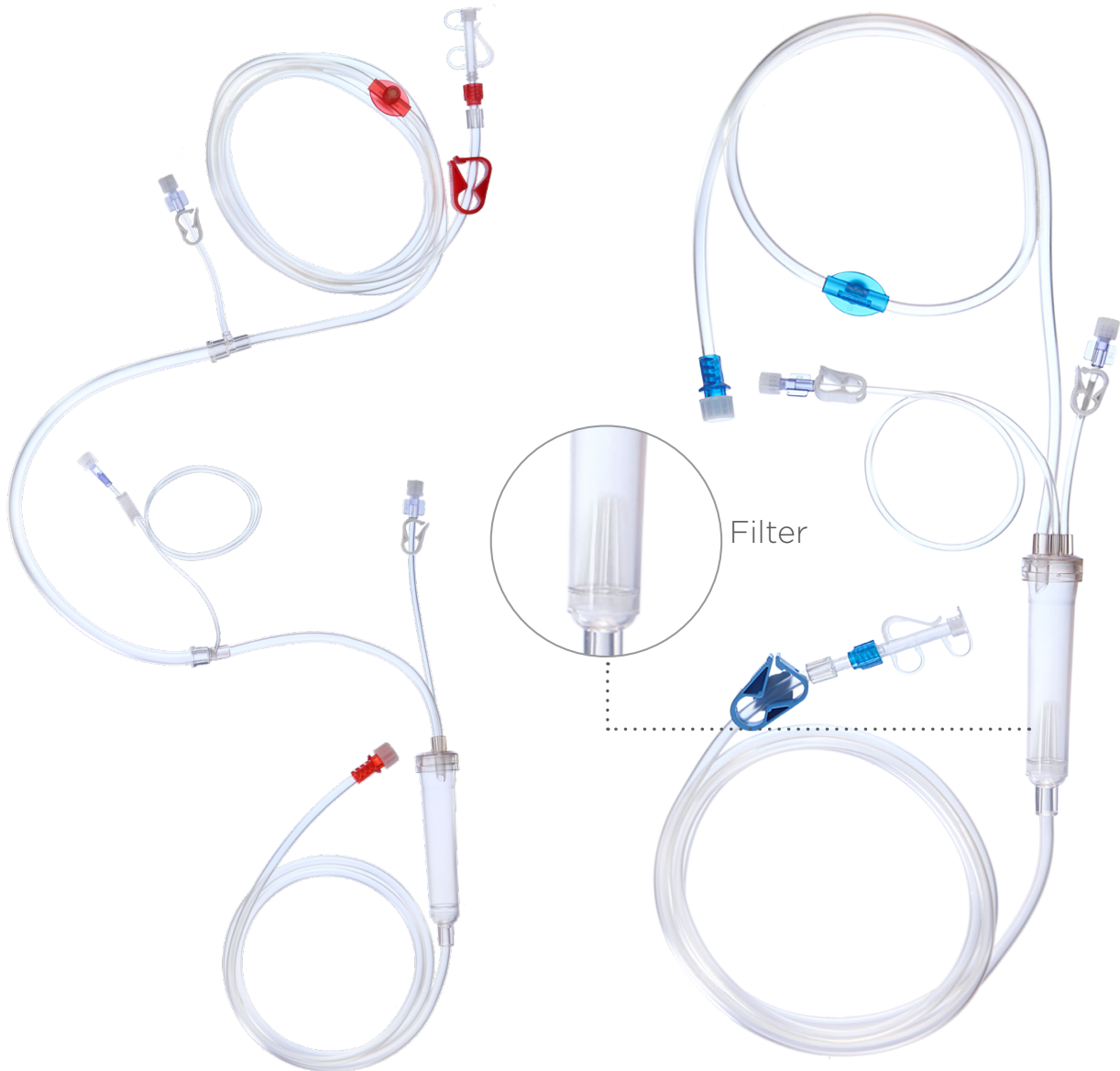
Product Specifications

Product Code	Specification	Size	Packaging Duplex/Carton
95017	Huber needle with Y- site, Needle length 25mm	20G	20/200
95046	Huber needle with Y- site, Needle length 25mm	22G	20/200
95122	Safety Huber needle with Y- site, Needle length 25mm	20G	20/200
95126	Safety Huber needle with Y- site, Needle length 25mm	22G	20/200
95121	Safety Huber needle with Y- site, Needle length 19mm	20G	20/200
95125	Safety Huber needle with Y- site, Needle length 19mm	22G	20/200

Haem-O-Line

70155-70157, 70179

Blood Lines



Transducer Protector

- Extracorporeal blood circuit tubing set, used during dialysis
- Soft and non-kinking tubing
- For single use only
- Medical grade DEHP free PVC tube
- Latex free
- Available in pre-pump, post-pump configuration & with Transducer protector
- Also available with Filter
- Also available with drainage bag & I.V. set

Haem-O-Flux

Dialyzer

90478, 90396, 90480, 90367,
90368, 90430, 90432 & 90439



- Ultra smooth PU cut surface which ensures maximum blood clearance and increased patient safety
- Uniform distribution of pore size
- Excellent membrane bio-compatibility
- Shelf Life: 36 months
- Variants: Low, Middle & High Flux (1.3, 1.4, 1.6, 1.8)
- Optimized asymmetric PS/PES membranes

Effective surface (m2) with colour code	Middle Flux					High Flux		
	1.4 ●	1.4 ●	1.4 HP ●	1.6 ●	1.8 ●	1.4 ●	1.6 ●	1.8 ●
Ref. Code	90478	90396	90480	90367	90368	90430	90432	90439
Dialyzer type	Middle Flux	Middle Flux	Middle Flux	Middle Flux	Middle Flux	High Flux	High Flux	High Flux
Priming volume (in ml)	104	104	123	128	146	120	136	153
Internal fibre diameter (µm)	200	200	200	200	200	200	200	200
Fibre wall thickness (µm)	40	40	40	40	40	40	40	40
Membrane material	PES	PES	PES	PES	PES	PES	PES	PES
Housing material	PP	PC	PC	PC	PC	PC	PC	PC
Potting material	PUR	PUR	PUR	PUR	PUR	PUR	PUR	PUR
Sterilization	Gamma	Gamma	Gamma	Gamma	Gamma	Gamma	Gamma	Gamma
Form of treatment	HD	HD	HD	HD	HD	HD	HD	HD
TMP max.	600	600	600	600	600	600	600	600
Units per box	28	28	24	24	24	24	24	24
UF coeff. (ml/h*mmHg)	16	16	16	19	21	45	49	54
Clearance QB /QD= 200/500 ml/min								
Urea	192	192	192	194	196	192	202	215
Creatinine	185	185	184	190	191	181	194	208
Phosphate	161	161	162	170	176	177	182	186
Vitamin B12	108	108	109	119	125	126	131	135
Clearance QB /QD= 300/500 ml/min								
Urea	255	255	256	265	271	260	266	274
Creatinine	228	228	231	244	252	230	244	260
Phosphate	199	199	198	211	222	221	228	235
Vitamin B12	108	108	109	119	125	155	161	168
SIEVING COEFFICIENTS								
Inulin (5.5 k Da)	0.9-1.0	0.9-1.0	0.9-1.0	0.9-1.0	0.9-1.0	0.9-1.0	0.9-1.0	0.9-1.0
Myoglobin (17 kDa)						≥0.45	≥0.45	≥0.45

Clearance In Vitro, KUF, Bovine Blood, HCT 32%, Protein 60g/l, Temperature Range 37°C, in vitro data are likely to differ in vivo data due to the patient's blood composition & clinical settings

DIAL-EZEE

Dialysis System

70189-70191

Standard Features

- 15-inch LCD touch screen
- Accurate concentration of dialysate & conductivity monitoring
- Bicarbonate dialysis with UF & conductivity profiling
- Arterial & venous pressure monitoring
- Transmembrane pressure monitoring
- Sequential & isolated ultrafiltration
- Heparin pump with safety open syringe system
- Self-testing & auto calibration
- Controlled safety air & blood level detector
- Blood leak monitoring system with photoelectric light
- Detailed alarm indicators with HELP menu
- Battery back up in case of power failure

Key Features

- Variable Dialysate Flow: 100 to 800 ml/min with incremental 1ml/min
- Kt/V (Adequate dialysis dose finder on calculation basis)
- Availability of Inbuilt SLED Dialysis
- UF & Na Profiling with one touch selection
- Ultrapure Dialysate - with Endotoxin Cut Filter (Option)
- Dual/Single Blood Pump

Optional Features

- Blood Pressure Monitor
- Bicarbonate Cartridge Filter
- Optical Sensor
- USB Communication Port
- Self Testing Functions
- Convenient & Reliable
- Audio-Visual Alarms
- Clinical & Service Excellence



Specifications

Ref. Code	Product Description - Double Pump	Ref. Code	Product Description - Single Pump
4032-D00	Hemodialysis Machine with BPM & Bi-Cart ETF	4691-S03	Dial-Ezee-S Hemodialysis Machine - Regular with ETF
4581-D00	Hemodialysis Machine with BPM	4581-S00	Dial-Ezee-S Hemodialysis Machine - Regular without ETF
4032-D02	Hemodialysis Machine with BPM & ETF		

*ETF-Endotoxin Filter

Technical Specifications

General Data

Dimensions	380 (W) X 400 (D) X 1380 (H) mm, weight approx.- 80 kg
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Water Supply

Water inlet pressure	1.5-6.0 bar
Water inlet temperature	5°-32°C
Max. drain height	1 meter

Electrical Data

Power supply	AC 220V ± 10%, 50 HZ
Current consumption	10 A Maximum

Extracorporeal Circuit

Arterial Pressure Monitoring

Display range	-380 mmHg to +400 mmHg
Accuracy	±10 mmHg
Resolution	1 mmHg

Venous Pressure Monitoring

Display range	-180 mmHg to +600 mmHg
Accuracy	±10 mmHg
Resolution	1 mmHg

Transmembrane Pressure Monitoring

Display range	-180 mmHg to +600 mmHg
Accuracy	±20 mmHg
Resolution	1 mmHg

Arterial Blood Pump

Blood flow range	10 to 600 ml/min
Accuracy	±10 mmHg

Air Bubble Detector

By ultrasonic sound transmission
Additional optical monitoring in venous chamber

Dialysis Fluid Circuit

Range of dialysate temperature regulation	33 to 40°C
Range of dialysate flow rate regulation	100 to 800 ml/min (incremental by 1 ml/min)
Range of UF rate regulation	0.01 to max 5.00 l/hr
Range of dialysate conductivity regulation	12.5 to 16.5 ms/cm
Range of syringe flow regulation	0 to 9.9 ml/hr with bolus
Available syringe size	10ml/ 20ml/ 30ml
Blood leak detector	Photoelectric detector system
Endotoxin cut filter	Option

Disinfection & Cleaning Process

Rinse	
Temperature / Time	37°C / 10 min
Hot Rinse recirculation	
Temperature / Time	85°C / 33 min
Hot Disinfection with chemical	
Temperature / Time	85°C / 40 min

Technical (Options)

Blood Pressure Monitor

Systole	30-280 mmHg
Diastole	10-240 mmHg
Accuracy	1 mmHg

Options

Bi cart	Option
Optical Sensor	Option
USB Port	Option

A.V. Fistula Needles Poly Protekt

Safety Fistula Needle

91030-91038, 92000-92018



Needle safety
guard



A.V. Fistula Needles

Standard Fistula Needle

90030-90239, 90248-90249



Flexible butterfly
wings



Common Features :

- Ultra thin-walled, siliconised & sharp bevelled back-eyed needle to minimize trauma to the patient
- Flexible butterfly wings for better grip
- Needle with back-eye
- Soft and kink resistant medical grade PVC tubing, DEHP free
- Fistula needle length: 25 mm
- Tube length: 30 cm
- Sizes: 15G, 16G, & 17G
- Also available with Fixed/Rotating wings

Haemocent

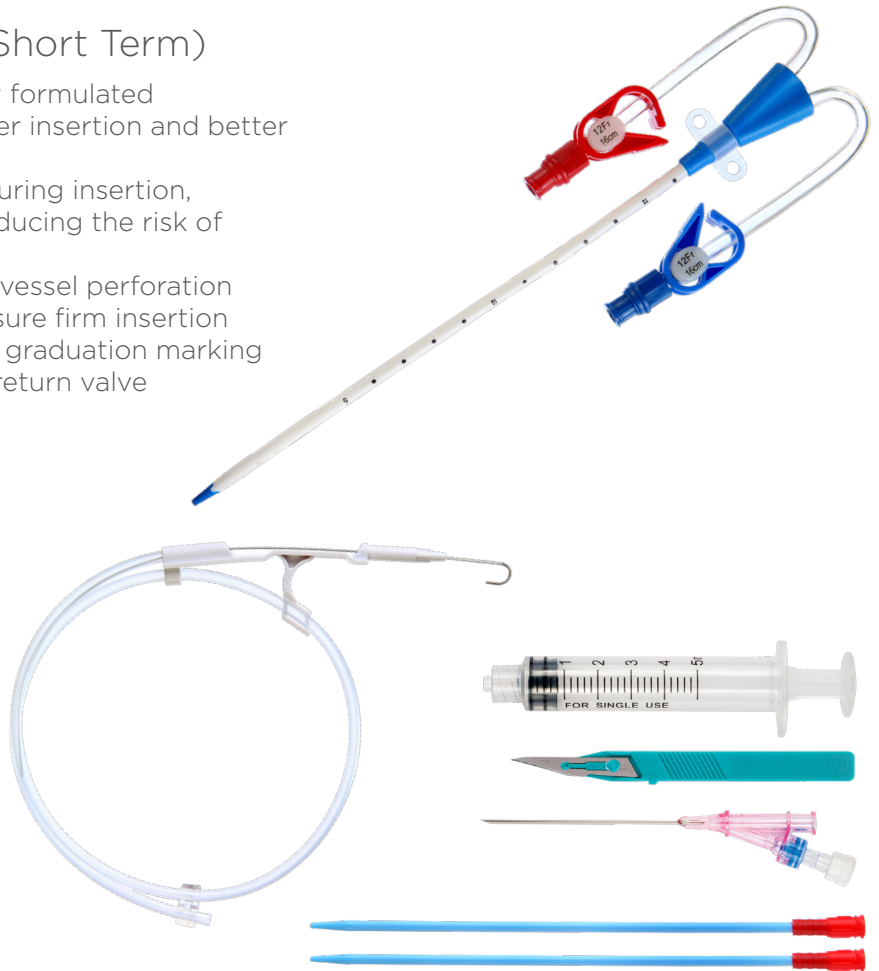
13450-13477

Haemodialysis Catheter Kit (Short Term)

- Indwelling catheter made of specially formulated Polyurethane ensures smooth catheter insertion and better bio-compatibility
- Catheter provides desired strength during insertion, softens at body temperature, thus reducing the risk of vascular trauma.
- Kink-free Nitinol guide wire prevents vessel perforation and also provides good torque to ensure firm insertion
- Radio-opaque catheter tip with clear graduation marking
- Y-shape introducer needle with non-return valve
- User-friendly guide wire dispenser
- Silicon injection caps
- Variants: Double & Triple Lumen
- Extensions: Straight & Curved

Kit Contents

- Indwelling catheter
- Y-Introducer needle with valve
- J-tip guide wire (Nitinol/Stainless Steel)
- Dilators- 2 Nos.
- Luer lock syringe
- Injection Caps- 2 Nos.
- Scalpel



Product Description	Product Specification		Dilator	Guidewire
Lumen (Straight and Curved extensions)	Size	Length (cm)	OD	OD Diameter (Inch) × Length
Double Lumen	11.5FR	13/15/20	12FR & 10FR	0.035×50/70
	12FR	13/15/16/20	12FR & 10FR	0.035×50/70
Triple Lumen	12FR	13/16	12FR & 10FR	0.035×50/70

Also available with Nitinol Guide Wire (HAEMOCENT PRO)

Haemodialysis
Catheter Kit

Peritoneal Dialysis Set

90350-90351

- Suitable for performing peritoneal dialysis in patients of all age groups
- Perforated open-end catheter manufactured from polypropylene
- Stainless steel trocar to facilitate smooth penetration
- Scalpel blade for incision
- Latex flash bulb on the junction unit for additional medication
- Sizes: Adult and Paediatric



Product Code	Product Description	Product Variant	Tube Length	Pack Size		Sterilization
90350	PD Set	Adult	30cm	10	100	EO
90357	PD Set	Pediatric	30cm	10	100	EO
90360	PD Transfusion Set	Universal	30cm	10	100	EO

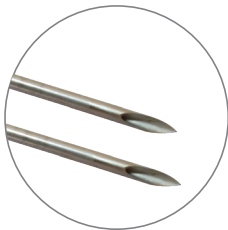
74000, 74001

ACD Bag

- Anticoagulant Citrate Dextrose bag
- Anticoagulant used during apheresis
- Also available in 250ml & 500ml



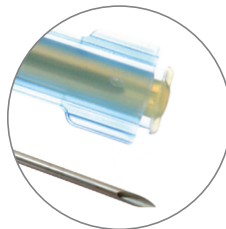
Blood Bag Systems



New Siliconised
ultra thin wall
needle



Advance double
sided sealing



Tamper evident
needle protective
cover

Single Blood Bag System-Sizes	
250 ml, 300 ml, 350 ml, 450 ml, 500 ml	
Double Blood Bag System-Sizes	
250 + 300 ml	350 + 300 ml
450 + 300 ml	500 + 300 ml
Triple Blood Bag System-Sizes	
250 + 300 ml x 2	350 + 300 ml x 2
450 + 300 ml x 2	500 + 300 ml x 2
350 x 2 + 200 ml	450 x 2 + 200 ml
350 x 2 + 300 ml	450 x 2 + 300 ml
Quadruple Blood Bag System-Sizes	
250 + 300 ml x 3	350 + 300 ml x 3
450 + 300 ml x 3	500 + 300 ml x 3
350 x 2 + 300 ml x 2	
450 x 2 + 300 ml x 2	
Quintuple Blood Bag System-Sizes	
450 + 300 ml x 4	
Transfer Bag System-Sizes	
150 ml, 300 ml	400 ml, 500 ml
Umbilical Cord Bag	
150 ml	
Paediatric Bag	
100 ml	
ACD Bag	
250 ml, 500 ml	

70010-70053



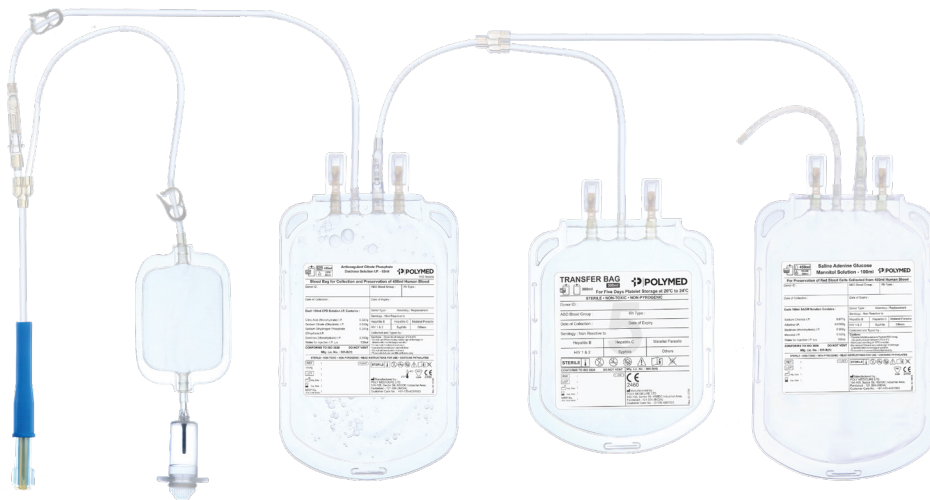
Common Features

- Siliconised ultra thin-walled, 16G, sharp Japanese needle assures smooth and atraumatic venipuncture
- Soft, frosted and flexible kink-resistant tubing with unique identification number
- Tamper-proof, safe and easy to open port covers to prevent contamination
- Manufactured from high-quality medical grade PVC sheet
- Rounded shape of bag minimizes loss of blood components during transfer & transfusion
- Double, Triple, Quadruple & Quintuple blood bag systems are provided with snap tip and connector tube to allow smooth transfer of blood components and additive solution
- Tamper evident label
- Individually packed in special multi-layer pouch and multiples packed in moisture barrier aluminium pouch
- Convenient hanger slits and holes allow easy suspension of the bags during collection & storage
- Anticoagulant CPDA solution preserves whole blood up to 35 days
- CPD SAGM solution preserves RBC Up to 42 days

Blood Bag with Safety Device & Sampling Bag

71040-71068, 75040-75077,
75340-75369

- Blood bag with safety needle shield enhances safety against accidental needle stick injuries that can transmit HIV, Hepatitis B & C and other dangerous blood borne-diseases
- Initial blood collected from the donor tends to contain skin particles, bacteria present at the site of venipuncture & dust particles. The pre-attached sampling bag enables to divert & collect this initial amount of blood from the donor. Pre-attached luer adapter is being provided with the sampling bag to have safe in-line multiple sampling from the donor. It is compatible with all sorts of vacuum blood collection tubes & prevents the risk of needle stick injuries
- Also available in single, double, triple, quadruple & quintuple blood bag systems



Safety
Needle Shield



Sampling Bag



Pre-attached
Luer Adapter

CPD-SAGM-TOTM Bag

72000-72036

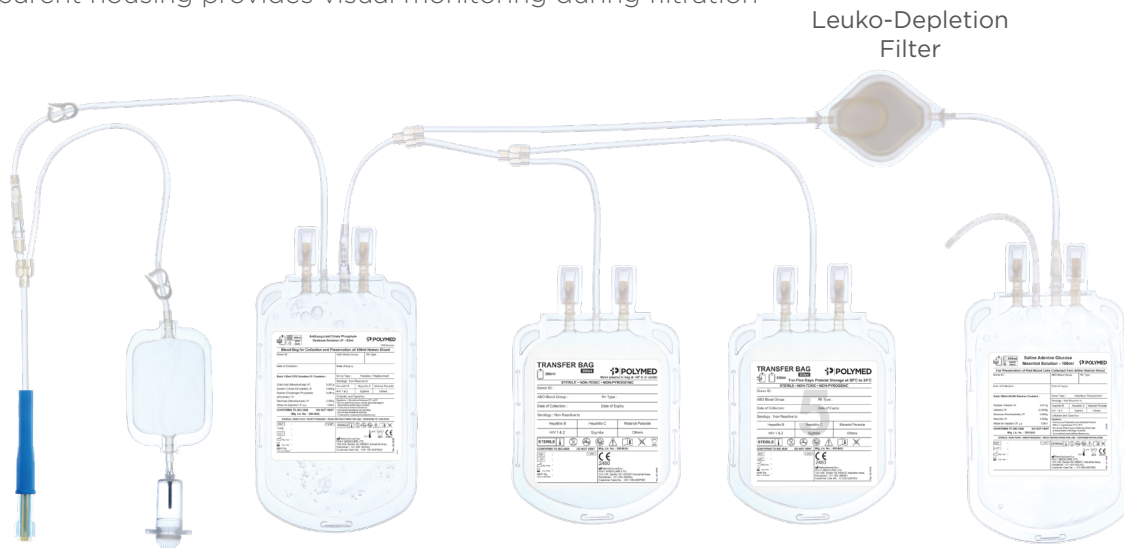
- An Additive solution containing combinations of Saline, Adenine, Glucose and Mannitol (SAGM) provides an extended shelf life of RBC up to 42 days with increased functional viability
- TOTM (Tri-Octyl-Tri-Mellitate) Plasticised Platelet transfer bag with sufficient gas permeability is suitable for extended storage of viable platelets for approximately 5 days at 25 degree Celsius
- Reduced density of red blood cell concentrate on the addition of SAGM solution allows better flow property of Red blood cell and better transfusion
- Allows larger volume of plasma to be collected and hence better yield of components like platelets, fresh frozen plasma, and cryoprecipitate
- High level of ATP in red blood cells as red cell viability is increased because of SAGM solution
- Available in double, triple, quadruple & quintuple blood bag systems



Blood Bag with In-Line Leuko-Depletion Filter

76000-76100

- For separation of Leukocytes depleted RBC, Plasma & Platelet
- Minimal volume loss & therefore better Red Blood Cell recovery
- Soft housing of filter ensures safety of blood bag during centrifugation
- No sterile connections required during process control
- Transparent housing provides visual monitoring during filtration



Top & Bottom Extraction Bag System

73005-73024, 72050-72053,
75400-75401, 75420-75421,
76050-76068

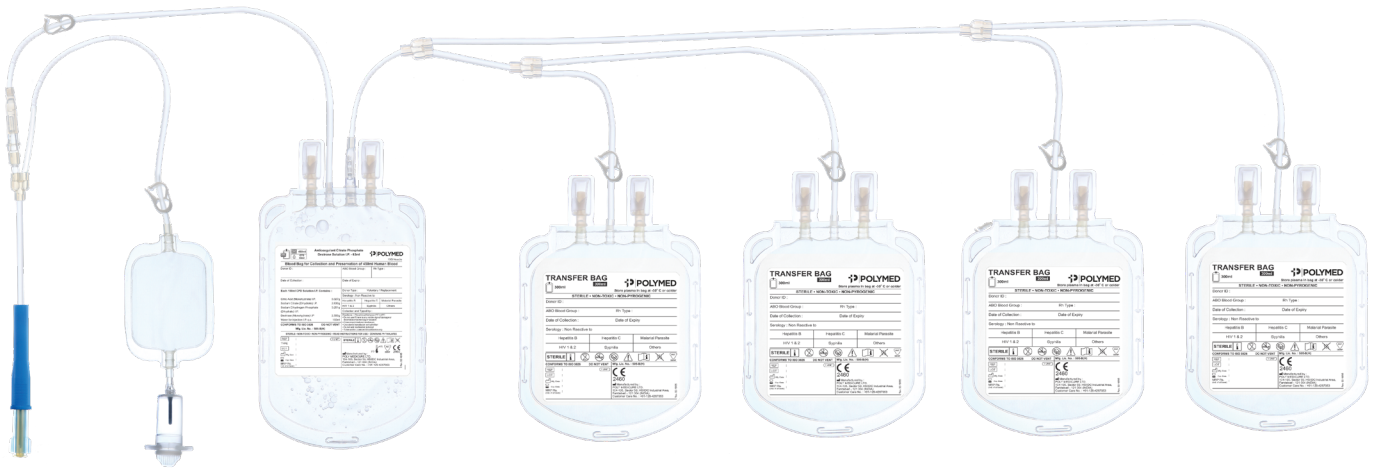
- Quality blood components in the form of Red Blood Cells, Plasma and Platelets from collected Whole Blood
- Reduced cost of production of quality blood components
- Also available in triple, quadruple & quintuple blood bag systems



Penta Blood Bag

76037

- Blood Bag is designed for paediatric and multiple transfusions.
- Reducing the risk of multiple donor exposure in paediatric patients by limiting the number of donors.
- It allows a single blood unit to be divided and used for up to five different recipients.
- preventing blood wastage while ensuring safer and more efficient transfusions for paediatric patients.
- Blood bag system is Needle safety guard & Sampling bag reduces risk of needle stick injuries and facilitates safe inline sampling.



70090-70152

Haemofusor Set

Blood Administration Set with Airvent

- The special priming filter ensures that the line fills automatically (auto prime) thus maintaining a closed system until connected
- Also available with a Y injection port (Latex Free)

Features

- For transfusion of blood or blood components
- Transparent & flexible drip chamber
- Approximately 20 drops/ml
- Soft and kink resistant DEHP Free PVC tubing
- With 200 micron blood filter
- DEHP Free
- Latex Free
- Also available with priming filter



70152

Haemofusor Set (Double Chamber)

Blood Administration Double Chamber Set with
Airvent & Priming Filter

- The special priming filter ensures that the line fills automatically (auto prime) thus maintaining a closed system until connected
- Also available with a Y injection port (Latex Free)



70130-70173

Transvol Set

Blood Administration Set
without Airvent

Common Features

- For transfusion of blood or blood components
- Transparent & flexible drip chamber
- Approximately 20 drops/ml
- Soft and kink resistant DEHP Free PVC tubing
- With 200 micron blood filter
- DEHP Free
- Latex Free
- Also available with priming filter



Transfusion Pump Set

70150

- Manual Blood Transfusion Pump Set
- Flexible Double drip Chamber
- 200-micron filter suitable for Blood
- Approximately 20 drops/ml
- Needle-free Y-site designed for multiple injections
- Soft and kink resistant PVC tubing
- DEHP Free, Latex Free
- Also available with rotating luer lock



Needle Free
Y-Site



Rotating
Luer Lock



Back Check
Valve



Haemocheck

Blood Collection Tubes

Serum Tubes



Product Code	Draw Volume	Cap Color	Tube Size (in mm)	Additive	Packaging (Tray Pack)
80030	3.0 ml	Red	13 x 75	Clot Activator	100 pcs.
80040	4.0 ml	Red	13 x 75	Clot Activator	100 pcs.
80050	5.0 ml	Red	13 x 100	Clot Activator	100 pcs.
80060	6.0 ml	Red	13 x 100	Clot Activator	100 pcs.
80070	7.0 ml	Red	13 x 100	Clot Activator	100 pcs.
80100	10.0 ml	Red	16 x 100	Clot Activator	100 pcs.

Description:

Coated with micronised silica which acts as clot activator. Suitable for clinical serum and blood donor screening chemistry tests

Serum Separating Tube with Gel Separator



Product Code	Draw Volume	Cap Color	Tube Size (in mm)	Additive	Packaging (Tray Pack)
84030	3.0 ml	Gold	13 x 75	Gel + Clot Activator	100 pcs.
84031	3.5 ml	Gold	13 x 75	Gel + Clot Activator	100 pcs.
84040	4.0 ml	Gold	13 x 75	Gel + Clot Activator	100 pcs.
84050	5.0 ml	Gold	13 x 100	Gel + Clot Activator	100 pcs.
84060	6.0 ml	Gold	13 x 100	Gel + Clot Activator	100 pcs.
84070	7.0 ml	Gold	16 x 100	Gel + Clot Activator	100 pcs.
84110	8.5 ml	Gold	16 x 100	Gel + Clot Activator	100 pcs.
84100	10.0 ml	Gold	16 x 100	Gel + Clot Activator	100 pcs.

Description:

Coated with micronised silica which acts as clot activator and a gel is added that separates blood cells from serum. Suitable for clinical serum and blood donor screening chemistry tests

Coagulation (Citrate) Tubes (Single wall)



Product Code	Draw Volume	Cap Color	Tube Size (in mm)	Additive	Packaging (Tray Pack)
81020	1.8 ml	Light Blue	13 x 75	3.2% Buffered Sodium Citrate 9NC	100 pcs.
81030	2.7 ml	Light Blue	13 x 75	3.2% Buffered Sodium Citrate 9NC	100 pcs.
81040	4.5 ml	Light Blue	13 x 75	3.2% Buffered Sodium Citrate 9NC	100 pcs.

Haemocheck

Blood Collection Tubes



Coagulation (Citrate) Tubes (Double wall)

Product Code	Draw Volume	Cap Color	Tube Size (in mm)	Additive	Packaging (Tray Pack)
81021	1.8 ml	Light Blue	13 x 75	3.2% Buffered Sodium Citrate 9NC	100 pcs.
81031	2.7 ml	Light Blue	13 x 75	3.2% Buffered Sodium Citrate 9NC	100 pcs.

Description:

Coagulation tubes contain 3.2% buffered sodium citrate solution. Suitable for examination of coagulation parameters



Hematology (EDTA K2) Tube

Product Code	Draw Volume	Cap Color	Tube Size (in mm)	Additive	Packaging (Tray Pack)
82020	2.0 ml	Lavender	13 x 75	K2EDTA	100 pcs.
82030	3.0 ml	Lavender	13 x 75	K2EDTA	100 pcs.
82040	4.0 ml	Lavender	13 x 100	K2EDTA	100 pcs.
82050	5.0 ml	Lavender	13 x 100	K2EDTA	100 pcs.
82060	6.0 ml	Lavender	13 x 100	K2EDTA	100 pcs.
82100	10.0 ml	Lavender	16 x 100	K2EDTA	100 pcs.

Description:

K2 EDTA tubes give Homogeneous mixing. Used for whole blood Hematology testings, Immunohematology testing & Blood donor screening



Hematology (EDTA K3) Tube

Product Code	Draw Volume	Cap Color	Tube Size (in mm)	Additive	Packaging (Tray Pack)
86020	2.0 ml	Lavender	13 x 75	K3EDTA	100 pcs.
86030	3.0 ml	Lavender	13 x 75	K3EDTA	100 pcs.
86040	4.0 ml	Lavender	13 x 75	K3EDTA	100 pcs.
86050	5.0 ml	Lavender	13 x 100	K3EDTA	100 pcs.
86060	6.0 ml	Lavender	13 x 100	K3EDTA	100 pcs.
86100	10.0 ml	Lavender	16 x 100	K3EDTA	100 pcs.

Description:

K3 EDTA tubes give Homogeneous mixing. Used for whole blood Hematology testings, Immunohematology testing & Blood donor screening

Haemocheck

Blood Collection Tubes

Glucose Estimation Tubes



Product Code	Draw Volume	Cap Color	Tube Size (in mm)	Additive	Packaging (Tray Pack)
83020	2.0 ml	Grey	13 x 75	Sodium Fluoride + Na ₂ EDTA	100 pcs.
83030	3.0 ml	Grey	13 x 75	Sodium Fluoride + Na ₂ EDTA	100 pcs.
83040	4.0 ml	Grey	13 x 75	Sodium Fluoride + Na ₂ EDTA	100 pcs.
83050	5.0 ml	Grey	13 x 100	Sodium Fluoride + Na ₂ EDTA	100 pcs.

Description:

The Glucose tubes contain an anticoagulant and a glycolytic inhibitor. Suitable for blood sugar and lactate determinations

Sodium Heparin Tubes



Product Code	Draw Volume	Cap Color	Tube Size (in mm)	Additive	Packaging (Tray Pack)
85030	3.0 ml	Green	13 x 75	Sodium Heparin	100 pcs.
85040	4.0 ml	Green	13 x 75	Sodium Heparin	100 pcs.
85050	5.0 ml	Green	13 x 100	Sodium Heparin	100 pcs.
85060	6.0 ml	Green	13 x 100	Sodium Heparin	100 pcs.
85070	7.0 ml	Green	13 x 100	Sodium Heparin	100 pcs.
85100	10.0 ml	Green	16 x 100	Sodium Heparin	100 pcs.

Lithium Heparin Tubes



Product Code	Draw Volume	Cap Color	Tube Size (in mm)	Additive	Packaging (Tray Pack)
88030	3.0 ml	Green	13 x 75	Lithium Heparin	100 pcs.
88040	4.0 ml	Green	13 x 75	Lithium Heparin	100 pcs.
88050	5.0 ml	Green	13 x 100	Lithium Heparin	100 pcs.
88060	6.0 ml	Green	13 x 100	Lithium Heparin	100 pcs.
88070	7.0 ml	Green	16 x 100	Lithium Heparin	100 pcs.
88100	10.0 ml	Green	16 x 100	Lithium Heparin	100 pcs.

Description:

The interior of the tube wall is coated with Sodium or Lithium Heparin. The anticoagulant heparin activates antithrombins, thus blocking the coagulation cascade and producing a whole blood. Suitable for plasma determinations in chemistry

Haemocheck

Blood Collection Tubes

CPDA Tube



Product Code	Draw Volume	Cap Color	Tube Size (in mm)	Additive	Packaging (Tray Pack)
89040	4.0 ml	Yellow	13 x 75	CPDA	100 pcs.
89050	5.0 ml	Yellow	13 x 100	CPDA	100 pcs.
89060	6.0 ml	Yellow	16 x 100	CPDA	100 pcs.

Description:

During blood collection into CPDA tubes 6 volumes of blood are added to 1 volume of CPDA solution (Mixing Ratio:6:1). CPDA Tube is used for blood grouping determinations and cell preservation



ESR (Erythrocyte Sedimentation Rate) Tubes

Product Code	Draw Volume	Cap Color	Tube Size (in mm)	Additive	Packaging (Tray Pack)
87020	1.6ml	Black	13 x 75	3.8% Buffered sodium citrate (4NC)	100 pcs.

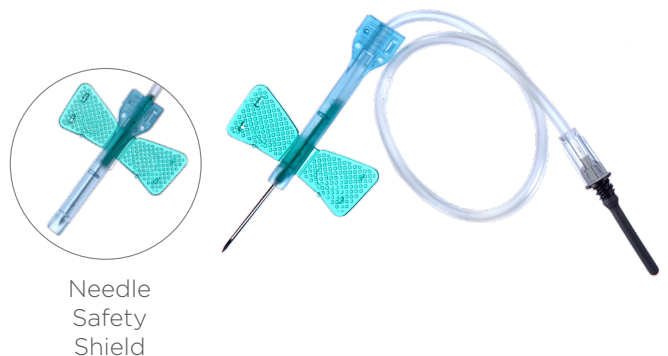
Description:

Contains 3.8% buffered sodium citrate for westergren sedimentation rate determination

Nuovo Safe

Safety Blood Collection Set

- Safety winged blood collection set with multiple sample luer adapter allowing specimen collection from a closed system
- After completion of the blood collection, the safety needle shield is slid over the needle until it is in locked position
- Easier & safer blood collection with no compromise to patient care
- Safety needle shield minimizes the risk of needle stick injuries
- Color coded flexible wings



88280-88288

Product Code	88280	88281	88282	88284	88285	88286	88287	88288
Sizes	19G	20G	21G	23G	24G	25G	26G	27G

88220

Standard Needle Holder

- Needle Holder for use with Multi-sample blood collection needles



88110-88150

Blood Collection Needles Multi Sample Needle

Product Code	Sizes
88110	20G×1.5"
88120	21G×1"
88130	21G×1.5"
88140	22G×1"
88150	22G×1.5"



88260-88265

HaemoFlash

Flashback Needle

- Instant flashback to ensure successful needle placement

Product Code	Sizes
88263	21G×1"
88260	21G×1.5"
88264	22G×1"
88261	22G×1.5"
88262	23G×1.5"
88265	23G×1"



Flashback



Common Features

- Safe and user friendly: Multi-sample drawing needles reduce the risk of contamination and eliminate direct user contact with blood samples
- Leak-proof needle: On removing the blood collection tube from the needle, the needle is covered and closed off with a rubber shield
- Suitable for multiple blood collection



Novovac Set

90050-90059, 90125-90135

Closed Wound Suction Unit with Spring

- Closed wound drainage system with graduated Transparent Spring bellow, suitable for drainage under negative pressure postoperatively with the option to operate one or two catheters simultaneously
- Sizes of Bellow Chamber: 400ml & 500ml



Polyvac Set

90070-90079,
90136-90139

Closed Wound Suction Unit

- Suitable for close wound drainage under negative pressure post operatively with the option to operate one or two catheters simultaneously
- Graduated Bellow Chamber
- Sizes of Bellow Chamber : 400ml, 600ml & 800ml



Common features

- Unit consists of:
 - Bellow unit connector
 - Connecting tube with clamp and "Y" connector
 - Curved trocar
 - Perforated DEHP Free Redon drain catheter
- Sizes: 10, 12, 14, 16 & 18FG

Neovac Set

90650-90651

Closed Wound Suction Unit

- Suitable for minor surgery and plastic surgery
- Unit consists of:
 - Bellow container capacity: 50ml
 - Curved trocar with redon catheter
- Sizes: 6 FG & 8 FG

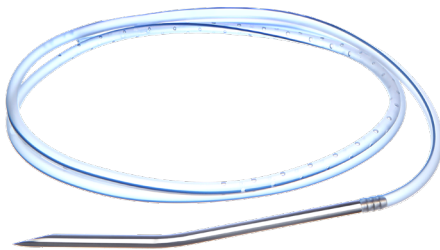


Ultravak Set

90500-90502, 90510-90527

High Pressure Vacuum Bottle with Extension Tube

- Clear transparent bottles with bold marking facilitate proper and easy reading
- Kink resistant 105 cm DEHP Free Drainage Tube
- Suitable for high-pressure vacuum drainage under negative pressure for post-operative phase
- Accessory: Extension tube with clamp, vacuum indicator & bottle unit with connector
- Graduated bottle chamber available in 200 ml, 400ml, 600ml 1000ml & 1500ml
- Also available with Trocar & Redon Drain



Trocar & Redon Drain
(Optional)



Extension Tube with Clamp

Capacity

1500ml
1000 ml
600 ml
400 ml
200 ml



200ml



400ml



600ml



600ml
with
marking cup



1000 ml
Triplet
System

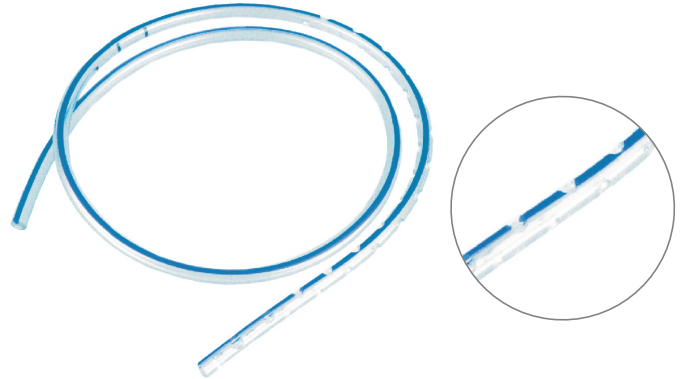


1000ml

Redon Drain

90060-91046

- Provided with radio-opaque line and smooth eyes
- Cross perforated length of tube: 15cm
- Markings on the tube at 20 cm from the distal tip
- Soft, frosted & kink resistant PVC tubing
- Length: 50, 70, 120 & 170 cm
- Sizes: 6, 8, 10, 12, 14, 16 & 18 FG
- DEHP Free



Polyseal

90320-90321

Under Water Seal Drainage System

- Suitable for pleural drainage in conjunction with chest drainage catheters in cardio-thoracic procedures
- Polyseal adult is a double chamber compact unit
- Clearly marked initial water level to ensure underwater seal
- Clear easy to read graduations marked on bottle to determine the amount of collection
- Writing facility on the side of scale helps in monitoring of drain volume
- Kink resistant large bore tubing facilitates unrestricted flow
- Metallic hangers for easy attachment with bed and floor stand for easy standalone working
- Separate suction port is provided to connect with suction unit

Polyseal - Adult
2000 ml

Polyseal - Midi
1200 ml

Polyseal - Kid
500 ml



Also available with
700 ml for Kids

Ultra Cath Novo

Thoracic Drainage Catheters

Ultra Cath Novo - Straight

Thoracic Drainage Catheters - Straight

- Suitable for effective drainage after cardio-thoracic & thoracic surgery
- Atraumatic & rounded open distal end with smooth eyes
- Proximal end is fitted with pull through tapered tongue
- With radio-opaque line and markings at every 2 cm from the last eye
- Cross side eyes to prevent tissue aspiration
- Matching size connector for easy connection to the drainage system
- Soft, frosted and kink resistant PVC tubing
- Length: 45 cm
- Sizes: 8, 10, 12, 14, 16, 18, 20, 22, 24, 28, 30, 32, 34, 36, 38, 40FG
- DEHP Free

90080-90089,
90170-90185

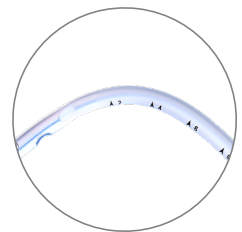


Ultra Cath Novo - Angled

Thoracic Drainage Catheters - Angled

- The Catheter is provided with curved (90°) angle for easy aspiration of drainage
- Sizes: 8, 10, 12, 14, 16, 18, 20, 22, 24, 28, 30, 32, 34, 36, 40FG
- DEHP Free

90540-90549,
90173-90175,
90181



Ultra Cath Novo - Trocar

Thoracic Drainage Catheters with Trocar

- Marking provided at 5, 10, 15 & 20 cm from the last eye to help ascertain the depth of placement
- Two lateral eyes for efficient drainage
- Proximal end fitted with a tapered connector for easy connection to the drainage bottle
- Sizes: 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42FG
- DEHP Free

90090-90099,
90176-90180
90184, 90186



Polysuction Set

Yankauer Suction Set

- Suitable for pre-operative removal of secretion and body fluids
- Cut to fit funnel connector to suit different suction pump lines at proximal end. Also available with Kapkon and Conical connector at proximal end
- Standard funnel connector at distal end of tubing to connect Yankauer Handle
- Yankauer Handle is open end-with 4 lateral eyes
- Yankauer Handle available in standard or crown tip with or without vacuum thumb control
- Soft and kink resistant ribbed DEHP Free PVC tubing

Tube Lengths
180 cm
210 cm
250 cm
270 cm
300 cm
320 cm

Tube Dimensions	
ID	OD
5.0 mm	8.0 mm
6.0 mm	8.5 mm
7.0 mm	10.0 mm
8.0 mm	11.5 mm

Also available with bigger length tube rolls



90140 - 90144, 90155-90169, 90187-90189, 90210-90214, 90240-90241, 90250-90251, 90260, 90270

Yankauer Suction

Yankauer Suction Handle

- Yankauer Handle is open end-with 4 lateral eyes to withstand negative pressure and ensures continuous and easy suction fluid
- Yankauer Handle available in standard or crown tip with or without vacuum thumb control



Crown Tip



Standard Tip



90160, 90150

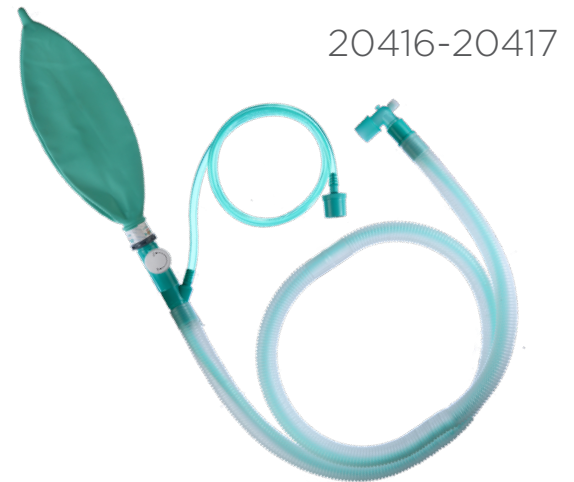
Bain Circuit

Bain Circuit Adult:

- 22mm Corrugated tube of 1.6m length
- 6mm Green PVC tube of 1.6 m length
- APL Valve
- 2.0 L Antistatic Rebreathing bag

Bain Circuit Paediatric:

- 15mm and 10mm Corrugated tube of 0.8m & 2m length
- 0.5 L Antistatic Re-breathing bag
- APL Valve



Catheter Mount

- Suitable for connection between endotracheal tube and breathing circuits
- Provided with 22 mm standard female connector compatible with all breathing & ventilator circuits
- An elbow port is provided for easy suctioning without causing disturbance to breathing circuits
- I.D.^[1] 15 mm / I.D.^[2] 22 mm

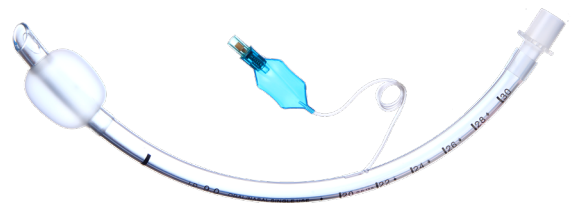


Endotracheal Tubes

Endotracheal Tube (Cuffed)

- Provided with soft cuff based on high volume and low pressure at the distal end
- Non-return valve with a pilot cuff for easy assessment of the pressure in the main cuff

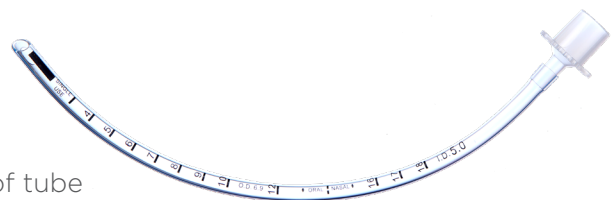
20150-20159, 20913-20916



Endotracheal Tube (Plain)

- Made of special thermo- sensitive material readily conforming to anatomical curvatures at body temperature

20932-20939



Common Features

- Proximal end fitted with standard 15 mm connector
- Radiopaque line on the tube to facilitate easy location of tube
- Murphy's eye at the distal end for atraumatic intubation and extubation

Endotracheal tube sizes (I.D. of the tube in mm) :

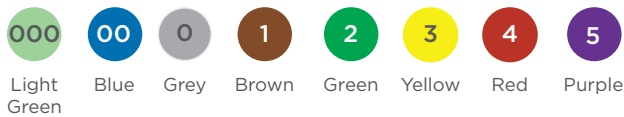
Cuffed	-	-	-	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
Plain	2	2.5	3	3.5	4	4.5	5	5.5	6	-	-	-	-	-	-	-	-

Guedel Airway

Oro-Pharyngeal Airway

- Suitable for maintaining an unobstructed oropharyngeal airway
- Bite block to prevent biting of tongue and airway occlusion
- Rounded atraumatic edges & smooth airway
- Color coded for easy identification of sizes
- Sizes : 000, 00, 0, 1, 2, 3, 4, 5

Available Sizes



20050-20057



HME Filter

- Heat Moisture Exchange Filter
- Retains heat and moisture from patient's exhaled gas
- Protects the patient, equipment and the breathing circuit from any kind of contamination
- Capnography port allows efficient gas sampling
- Moisture return: 32 mg H₂O/L
- Flow rate: 30 L/minute at pressure 0.2 Mpa
- Filter efficiency: greater than 95%
- Minimum tidal volume: 150 ml

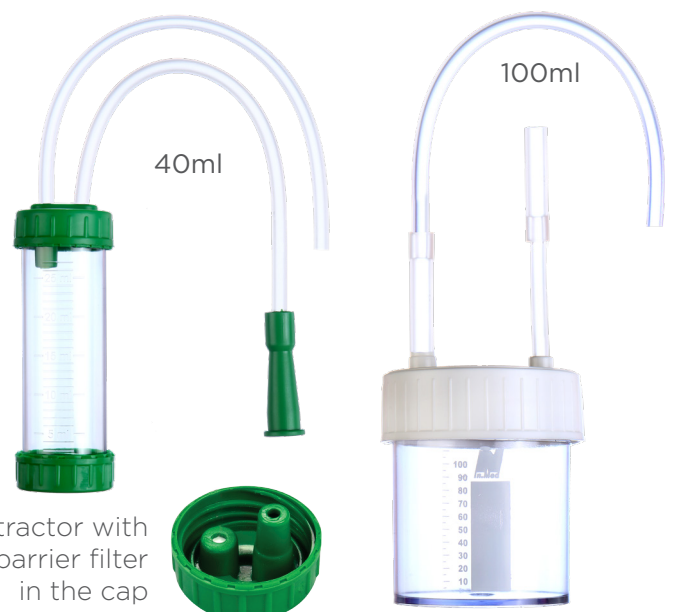
20424



Mucus Extractor

- For aspiration of secretion from oropharynx to ensure free respiration in newly born babies or for suctioning tracheal / bronchial secretions (of newborns, children and adults)
- Convenient to extract mucus specimen for microbiological examination
- Separate screw top lid for safe sealing and handling of aspirate
- Soft, frosted & kink resistant DEHP free PVC tubing
- Also available with thumb control suction catheter
- Available in capacity : 25 ml, 40ml, 100ml, 175ml
- Suction Tube lengths available: 40 & 50 cm
- Suction Tube sizes: From 6FG to 14FG
- Also available without filter

40350-40445



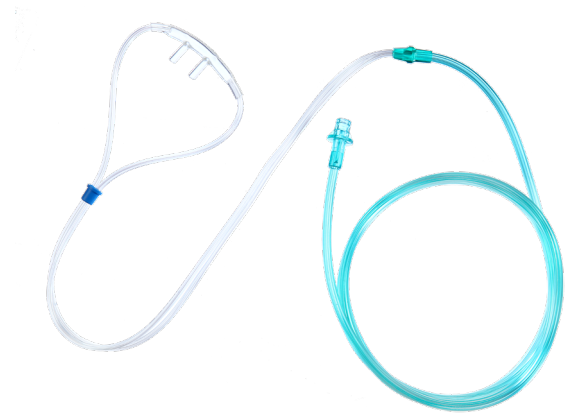
Mucus Extractor with bacterial barrier filter in the cap

Nasocath

20020-20025

Twin Bore Nasal Oxygen Cannula

- Suitable for easy and efficient administration of oxygen
- Star lumen Kink resistant main tube to avoid accidental blockage
- Soft twin prong nasal tips to ensure equal distribution of oxygen through both air passages which provides maximum patient comfort
- Tube length: 200cm
- Sizes: Adult, Paediatric & Neonatal



Nebulizer Compressor System

91325

- For Efficient Respiratory Therapy
- For Effective Medication Delivery
- Easy Carry Handle
- Light Weight
- Complete Nebulizer kit

Kit contents:

- 1 Pc. Nebulizer Compressor System
- 1 Pc. Adult Mask
- 1 Pc. Paediatric Mask



Nebulizer Mask

20111-20114

Aerosol Therapy Mask

- Specially designed nebulizer chamber with nebulization rate of approximately 3cc in 10 minutes
- Average particle size generation is approximately 2 microns
- Complete kit consists of: Nebulizer Mask, Nebulizer Chamber, and star lumen tubing

Features

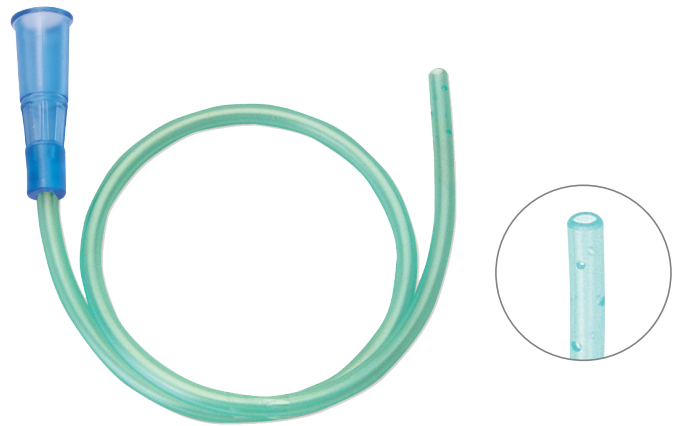
- Elongated facemask for long-term use
- Clear and soft mask for patient comfort
- Adjustable elastic strip and integrated nose clip for proper positioning of mask
- 210 cm long star lumen tubing to ensure the continuous flow of oxygen
- Sizes: Adult and Paediatric



Oxygen Catheter

20060-20065

- Suitable for direct administration of oxygen through the nasopharynx
- Funnel connector at proximal end
- Open distal end with multiple lateral eyes
- Soft, frosted & kink resistant DEHP-free PVC tubing
- Color-coded funnel end for easy size identification
- Tube length: 40 cm
- Sizes: 6FG to 18FG



Oxygen Mask

20115-20118

Variable Concentration Mask

- Suitable for convenient oxygen therapy
- Swivel connector for patient comfort



Ultra Mask

20124-20126

Oxygen Mask with Reservoir

- Suitable for high-concentration oxygen therapy
- Comes with a transparent plastic reservoir of 600 ml attached to the mask allows deep breathing without wastage of oxygen
- Non return valves provided to prevent CO₂ retention



Polyciser

20411

Respiratory Exerciser with Handle

- Innovative system to exercise respiration through aspiration
- Provided with unique handle for easy holding while exercising
- Breathing capacity of 1200cc, 900cc & 600cc
- Innovative design, can be dismantled into parts for cleaning & disinfection
- Air Filter for enhanced protection during inspiration



Spinal Needle

20919-20931

Quincke Point

- Quincke tip enables atraumatic puncture of the dura and minimises the risk of post-spinal headache



Quincke Point

20400-20409, 20917-20918

Whitacre Pencil Point

- Reduces loss of Cerebrospinal fluid and Post dural puncture headache (PDPH)



Pencil Point

Common Features

- Suitable for Spinal anaesthesia
- Conical tip imparts superior tactile feedback
- High flow rate enables faster Cerebro Spinal Fluid (CSF) flashback
- Also available with introducer needle



Options Available

16G White	18G Pink	19G Cream	20G Yellow	21G Deep Green
22G Black	23G Deep Blue	24G Medium Purple	25G Orange	26G Brown
				27G Grey

Suction Catheters

Endo Bronchial Suction Catheters

20130 -20140
Thumb Control
Connector



20160-20170
Finger Tip
Control
Connector



21180-21190
Hard Thumb
Control
Connector



20100-20110
Standard
Connector

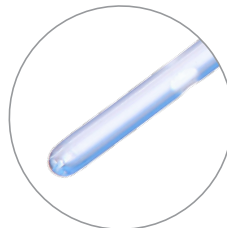


Common Features

- For removal of secretion from the trachea and bronchial region
- Soft, frosted and kink resistant DEHP free PVC tubing with maximum patient comfort
- Color coded connector for identification of size
- Thumb control & Finger Tip Control are available with graduation marks after every cm
- Length: 50 cms
- Sizes: 5 FG to 24 FG

Options Available

24G Blue	12G White
22G Violet	10G Black
20G Yellow	8G Light Blue
18G Red	6G Light Green
16G Orange	5G Grey
14G Green	



Atraumatic, soft & rounded
Closed tip with one/two lateral
Eyes



Also available with
Angled Tip

Ventilator Circuits

20418

Adult Ventilator Circuits

- 22mm corrugated tube of 1.6 m length
- 22mm male and female circuit adaptors x 2
- Y connector with ports
- Safety cap



20421

Paediatric Ventilator Circuit

- 15mm corrugated tube of 1.6m length
- 22mm / 15mm male and female circuit adaptors x 2
- Y connector with ports
- Safety cap

Ventilator Circuit with one water trap

20419

- 22mm corrugated tube of 1.6 m length
- 22mm male and female circuit adaptors x 2
- One water trap
- Y connector with ports
- Safety cap
- Water trap with capacity of 50ml approx.

Single water trap

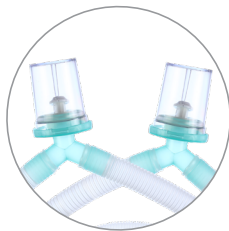


Ventilator Circuit with two water trap

20420, 20423

- Flexible breathing system consists of 2 ports of 22 mm diameter
- Y Connector with ports
- Safety cap
- 22 mm straight connector to connect the machine port
- 2 Water traps
- Water trap with capacity of 50ml approx.

Dual water tap



Venturi Mask

20120-20123

Fixed Concentration Mask

- Easy adjustable, variable venturi system ensures fixed & accurate concentrations of oxygen
- Low concentration (Green color) diluter allows settings of approximately 24%, 26%, 28% & 30%
- Medium concentration (White color) diluter allows settings of approximately 35%, 40% & 50%

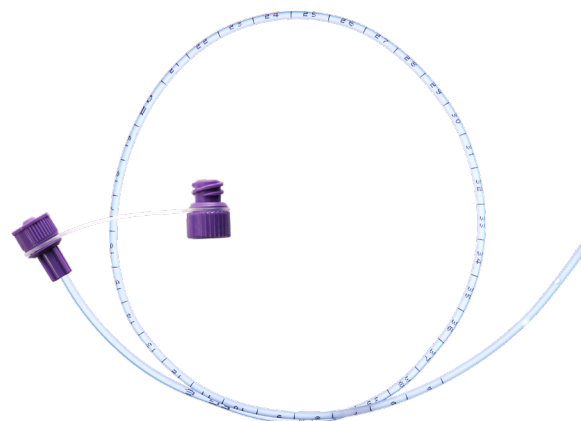


POLYFIT

40210-40258

Infant Feeding Tube with Enteral Connector

- Fitted with enteral connector
- Graduation marking after every cm
- Closed distal end with two lateral eyes
- Soft, frosted & kink resistant PVC tubing with radio-opaque line
- Length : 40, 50 & 100 cm
- Sizes : 4 FG to 10 FG
- DEHP Free



Enteral Connector

40021-40039

Ryle's Tube with Enteral Connector

- Soft, frosted and kink resistant DEHP free PVC tubing
- Fitted with enteral connector
- Closed distal tip end cone with radio-opaque piece for easy insertion
- Four lateral eyes.
- Tube with radio-opaque line marked at 50, 60 and 70 cm from the tip
- Size 5FG to 18FG
- Length 105cm



40330-40348

Levin's Tube with Enteral Connector

- Soft, frosted and kink resistant DEHP free PVC tubing
- Fitted with enteral connector
- Open or Closed distal tip
- Four lateral eyes
- Tube with a radio-opaque line marked at 45, 55, 65 and 75 cm from the tip
- Size 5FG to 18FG
- Length 125cm
- Also available with PU Tubing



POLYFIT

13599

Stopcock with Enteral Connector

- Enteral stopcock is specifically designed for enteral feeding devices, addressing the fragility and small volumes required from preterm and paediatric patients
- Enteral Stopcock contains two inlets (male connector); one to prevent inadvertent connection to vascular, respiratory, or epidural lines and is compatible with Enteral connection syringes for lavage and medication delivery; another for enteral feeding and one outlet port (female connector) where feeding tubes will be connected



Enteral Connector

13076-13089, 13206

Enteral Extension Set

- Purple color enteral male & female connectors Soft, frosted & kink resistant PVC DEHP free tubing
- Fitted with enteral connector
- Options available :
 - Available tube outside diameter Ø 3.0 mm, Ø 2.0 mm & Ø 4.1 mm
 - Available with and without clamp



16170-16181

Feeding Bag

- Graduated measurements and translucent material allows for the monitoring of fluid level
- Fitted with enteral connector
- Each feeding bag has a pouch to potentially hold ice for formulas or medications requiring cooler temperatures
- Roller clamp adjusts the flow rate of feeding
- Feeding bag is DEHP free



40180-40186, 40200-40206

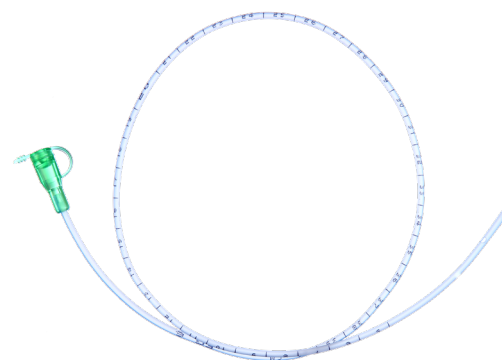
Novofeed

Infant Feeding Tube with Graduation

- Graduation marking after every cm
- Closed distal end with two lateral eyes
- Soft, frosted & kink resistant PVC tubing with radio-opaque line
- Length: 40, 50 & 100 cm
- Sizes: 4 FG to 10 FG
- DEHP Free
- Also available with Luer lock



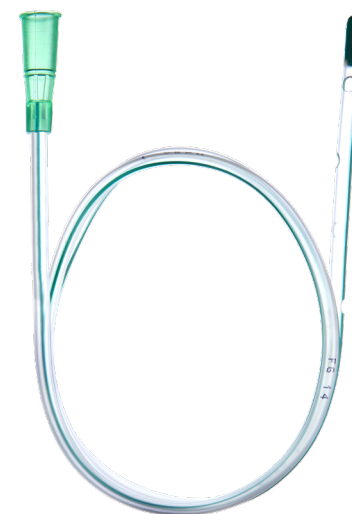
Female
Mount



Levin's Tube

Gastro-Duodenal Feeding Tube

- For gastro-intestinal feeding and aspiration
- Open end with four lateral eyes
- Tube with radio-opaque line, marked at 45, 55, 65 and 75 cm from the tip for accurate placement
- Soft, frosted and kink resistant DEHP free PVC tubing
- Color coded funnel end connector for easy identification of size
- Length: 125 cm, Sizes: 6 FG to 24 FG

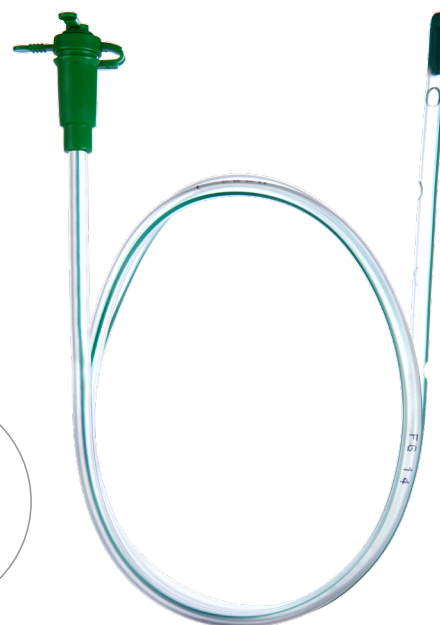


40301-40310

Ryle's Tube

Nasogastric Feeding Tube

- For nasogastric introduction of nutrition and aspiration of gastric intestinal secretion
- Closed distal end coned with radio-opaque material for accurate placement
- Four lateral eyes
- Tube with radio-opaque line, marked at 50, 60 and 70 cm from the tip for accurate placement
- Soft, frosted and kink-resistant DEHP-free PVC tubing
- Color coded connector with cap for easy identification of size
- Length: 105 cm, Sizes: 6 FG to 24 FG
- Also available with metal tip



40001-40011

Umbilical Catheter

40450-40455, 40463-40464

- Atraumatic, soft rounded open distal tip to reduce vascular trauma
- Tube with radio-opaque line, marked at every cm from 5 to 25 cm from the open distal tip for accurate placement
- Can be used with umbilical vein or artery for infusion, transfusion, administration of medication, blood sampling, pressure measurement etc.
- Color coded funnel end connector for easy identification of size
- Length: 40 cm
- Sizes: 3.5, 4, 5, 6 & 8 FG
- DEHP Free
- Available with female mount and luer lock



Available in

8G

Blue

7G

White

6G

Green

5G

Grey

4G

Red

PU Feed

40456-40462

PU Umbilical Catheter

- Umbilical catheter in Polyurethane Material
- Atraumatic, soft rounded open distal tip to reduce trauma
- Provided with graduation mark after every cm
- Length : 40 cm
- Sizes: 3, 3.5, 4, 5, 6 & 8 FG
- DEHP Free
- Also available with female connector & Luer lock



Foley Balloon

30160-30167

- Made of Silicone elastomer bonded with latex rubber, which can be retained in body for longer duration
- Symmetrical foley balloon to ensure upright tip in urinary bladder for proper drainage of urine
- Two lateral eyes to prevent the risk of injury and encrustation
- Hard plastic valve for trouble free inflation and deflation of balloon
- Color-coded for easy identification of size



Sizes Adult: Two way: 12, 14, 16, 18, 20, 22, 24 FG
 Balloon Capacity:
 12 FG : 5-15ml
 14-24 FG : 15-30 ml

Sizes Paediatric: Two way: 8, 10FG
 Balloon Capacity: 3- 5 ml

Irrigation Sets

30520-30524, 30560-30565

Irrigation Set with Soft Chamber



- Made of DEHP-free PVC soft flexible chamber delivering high flow rates
- Also available in single & multi-flow dual spike

Common Features

- Sharp and easy piercing spike
- Smooth roller clamp facilitates easy and controlled adjustment of fluid
- Soft and smooth clamp for easy opening and closing

30540-30544, 30570-30573

Irrigation Set with Pump



- Made of DEH-free PVC chamber delivering high flow rates
- Also available in single & multi-flow dual spike

Urine Collection Bags

Polyuro-Premium

- Specially molded handle for easy handling
- T-type bottom outlet for single hand operation and efficient emptying of the bag
- Available with sampling port for quick & safe collection of urine sample
- Capacity : 2000 ml, Tube length: 90cm, 100cm
- Options available: With or without air filter

30101-30102, 30123



Needle free
Sampling Port
(optional)



Air Filter
(Optional)

T-type bottom
outlet

30108-30109

Leg Bag Set



Leg Straps

- Provides freedom of mobility as the bag is attached to the leg of the patient
- Capacity: 800 ml
- Tube length: 50cm & 75cm
- Available with leg straps

30110-30111, 30120

Urine Collection Bag with T-type Bottom Outlet and Sampling port



T-type bottom
outlet

- T-type bottom outlet for single hand operation and efficient emptying of the bag
- Capacity: 2000 ml Tube length: 100cm

Polyurimeter

- Urine collection bag graduated in ml with measured volume meter for accurate measurement of urine
- Sampling port provided for sample collections maintains closed system, reduces the chance of Urinary Tract Infection
- Reservoir Capacity 250 ml, 500 ml

30113-30116, 30119,
30121-30122



Needle Free
Sampling Port
(optional)

Features

- Inlet tube length : 130 cm
- Capacity of urine collection bag : 2000 ml
- Soft, frosted and kink resistant PVC tubing
- With T-type Bottom outlet
- Specially molded hanger for easy handling
- Also available with needle free sampling port

30112

Paediatric Urine Collection Bag

- For short term urine collection
- Suitable for both male and female infants
- Capacity: 100ml
- Provided with special adhesive for better grip and easy removal from soft skin of the infants



Urine Drainage Catheters

Short Term Urine Drainage Catheters

Nelaton Catheter

30010-30019

- For short term bladder catheterization through urethra in males
- Length : 40 cms
- Sizes : 6 FG to 24 FG



Rectal Catheter

30040-30051

- For introduction of enema solution into rectum to release / aspire rectal fluid
- Length : 40 cms
- Sizes :18 FG to 32 FG



Female Catheter

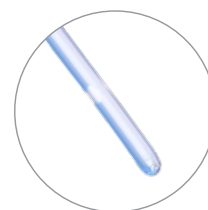
30060-30069

- For short term bladder catheterization through urethra in females
- Length: 18 cms
- Sizes: 6 FG to 20 FG



Common Features

- Soft, frosted and kink resistant DEHP free PVC tubing
- Atraumatic, soft, rounded, closed tip with two lateral eyes for efficient drainage
- Color coded plain connector for easy identification of size



Soft Tip

Also
available
in



Brown



Light Grey



Green



White



Blue



Violet



Yellow



Red



Orange



Green



White



Black



Light Blue



Light Green

Electrocardiograph Electrodes

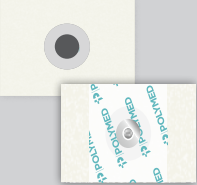
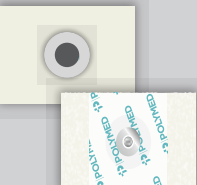
Effective Adhesion : The enhanced adhesive of Electrocardiograph Electrodes sticks reliably throughout the ECG procedure even when the patient is perspiring, ensuring better diagnosis results.

Easy to Apply and Remove : Single handed application allows easy fixation and removal hence reducing the workflow pressure.

High Conductive Wet Gel: Produces accurate and consistent traces thus minimizing the nurses intervention to fix the trace.

Hypoallergenic: It is hypoallergenic & non-cytotoxic to the skin.

Adult Range

Product Image	Recommended Usage*	Dimensions	Special Features	Options Available	Packaging
	Stress Holter Resting Monitoring	40X40X1mm 42X42X1mm 50X50X1mm	Foam Back Enhanced Adhesive Latex Free	Adult	100/1000/8000 100/1000/8000 100/900/7200
	Resting Monitoring	40X35X1mm	Carbon Snap electrodes are an excellent choice for Cath Lab, CCU, Nuclear Medicine and MRI Solid Gel is specially formulated that improves adhesion and ease of application	Stainless steel snap and radio translucent snap. Available in Liquid gel for those who prefer quick reading	100/1000/8000
	Resting Monitoring	44X32X1mm	Solid Gel is specially formulated that improves adhesion and ease of application	Stainless steel or radio translucent snaps and 4mm banana adapter	100/1000/8000 60/600/4800 100/1000/8000 60/600/4800
	Resting Monitoring	44X32X1mm	Liquid Gel for those who prefer quick reading	Stainless steel or radio translucent snaps and 4mm banana adapter	100/1000/8000 50/500/4000 100/1000/8000 50/500/4000

* More sizes will be available soon

Paediatric Range

Product Image	Recommended Usage*	Dimensions	Special Features	Options Available	Packaging
	Resting Monitoring	Ø30 Ø30 Ø30 Ø30 Ø30	Foam Back Enhanced Adhesive Latex Free Solid Gel is specially formulated that improves adhesion and ease of application	Stainless steel snap and radio translucent snap.	100/1000/8000
	Resting Monitoring	38X32mm 38X32	Foam Back Enhanced Adhesive Latex Free Solid Gel is specially formulated that improves adhesion and ease of application	Stainless steel snap and radio translucent snap.	100/1000/8000
	Resting Monitoring	35X30mm	Foam Back Enhanced Adhesive Latex Free Solid Gel is specially formulated that improves adhesion and ease of application	Paediatric Stainless steel snap	100/1000/8000
	Resting Monitoring	35X27 mm 35X27 35X27	Foam Back Enhanced Adhesive Latex Free Liquid Gel for those who prefer quick reading	Stainless steel snap and radio translucent snap.	100/1000/8000

* More sizes will be available soon

90655

Novoguard

Cannula Fixator

- Transparent and water resistant film to cover and protect I.V. infusion sites providing visibility
- Recording label provided to record the date of application
- Provides secure adhesion, gentle to the patient's skin
- Helps in preventing infection, as provides a barrier to external contaminants
- Sizes: 6x7cm & 10x12cm



13354

Injection Stopper

- Latex Free yellow color Injection Stopper
- Available in pack of 3 in a strip



13353

Luer Lock

- Male Luer Lock
- Available in packs of 4 in a strip



13355

Luer Lock Injection Site

- Latex Free Injection Stopper
- Available in packs of 3 in a strip



90280

Polybrush

Surgical Dry Brush

- Surgical Dry Brush with Nail Cleaner - with bristle on one side and a soft sponge on the other
- Suitable for disinfection requirements for surgical hand scrubbing (used for minimizing the risk of infection)
- Anatomic design in order to achieve higher comfort and flexibility for the user
- Comes with a nail cleaner



Nail Cleaner

90314

Transfer Spike

- Fits into rubber stopper and bag set ports
- Allows easy flow even with non-evacuated glass vials
- Large internal diameter & grip flanges
- Provides secure connection between two containers
- Used for transfer of diluents into powdered medication without the need for repeated piercing of vials
- PVC Free, Latex Free, DEHP-Free



90220

Vaso Clamp

Umbilical Cord Clamp

- Specially designed clamp prevents slippage of umbilical cord after clamping
- Suitable for clamping the umbilical cord after birth
- Security lock to prevent accidental opening after clamping
- Grooved clamping area to prevent slipping of the umbilical cord

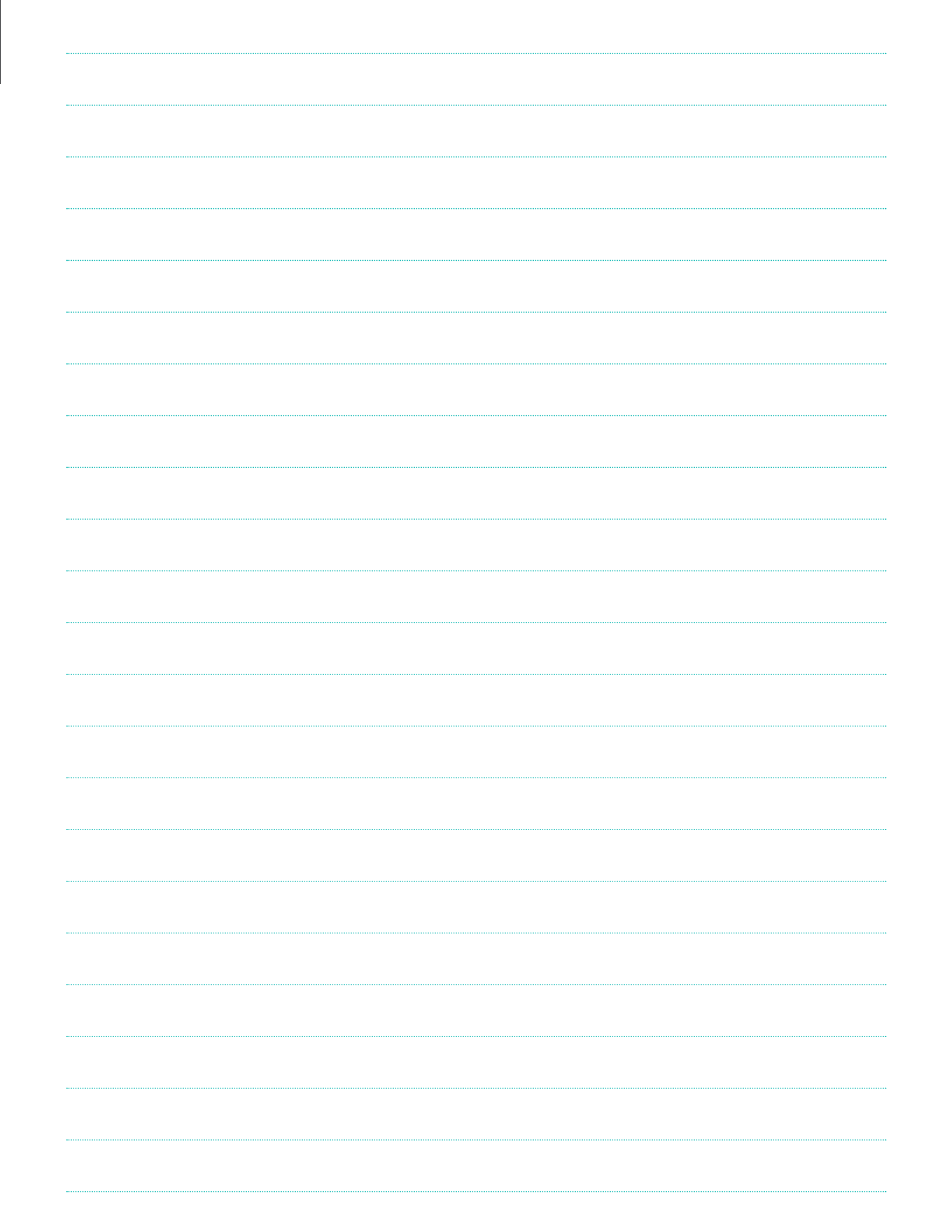


13357-13359

Universal Cap

- Suitable for closure of IV Cannula, IV Set and Central Venous Catheters
- Available in pack of 3 in a strip
- Male & Female closure cap







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