

A Global Medical
Technology Company



PRODUCT
CATALOGUE



Global Manufacturing Footprint



104-105, Faridabad



115-116, Faridabad



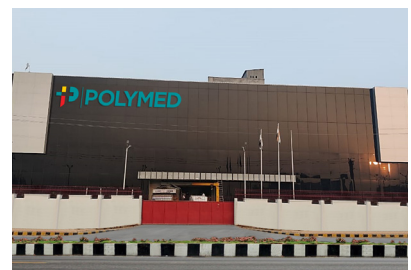
117, Faridabad



SEZ, Jaipur



SEZ2, Jaipur



IMT, Faridabad



IMT2, Faridabad



Haridwar Plant



R&D Center, Faridabad



Amaro, Italy



Assuit, Egypt



Laiyang-Qingdao, China

About Us

Poly Medisure 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. Polymed holds many proprietary designs & patents, and continues to invest in R&D and innovation. The products 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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Nouvo Safety Set

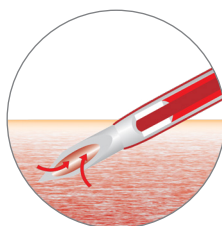
11980-11986

Safety Closed I.V. Catheter System

- 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 upto 300 PSI
- Also suitable for sub-cutaneous infusion



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

Size		Catheter I.D.mm/O.D.mm		Catheter Length(mm)	Flow Rate (ml/min)	Product Code (Y-site) Double NFC*
16G	Grey	1.37	1.70	32	125	11980
18G	Green	1.0	1.3	45	79	11982
18G	Green	1.0	1.3	32	84	11981
20G	Pink	0.8	1.1	32	58	11983
20G	Pink	0.8	1.1	25	61	11785
22G	Blue	0.6	0.9	25	33	11984
24G	Yellow	0.5	0.7	19	18	11985
26G	Violet	0.45	0.6	19	15	11986

Advantages of Needle Free Connector in Nouvo Safety Set

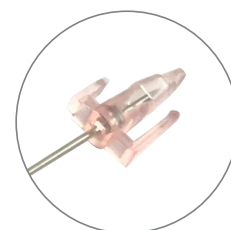
- Clear housing allows for visualization of the internal fluid path
- Effectively clears blood and blood residual with low flush volumes
- Minimal blood reflux in the catheter tip upon connection or disconnection with luer

Nouvo Protekt

Safety I.V. Cannula

- Four arm needle safety guard for prevention of needle stick injuries
- Ergonomically designed wings to provide ease of use & better stabilization of the catheter
- Snap fit cap for easy access of port
- Transparent flashback chamber for better visualization of blood during cannulation
- Specially designed thin walled needle facilitates smooth insertion
- New generation nexa catheter tip sustains multiple pricking

11360-11368



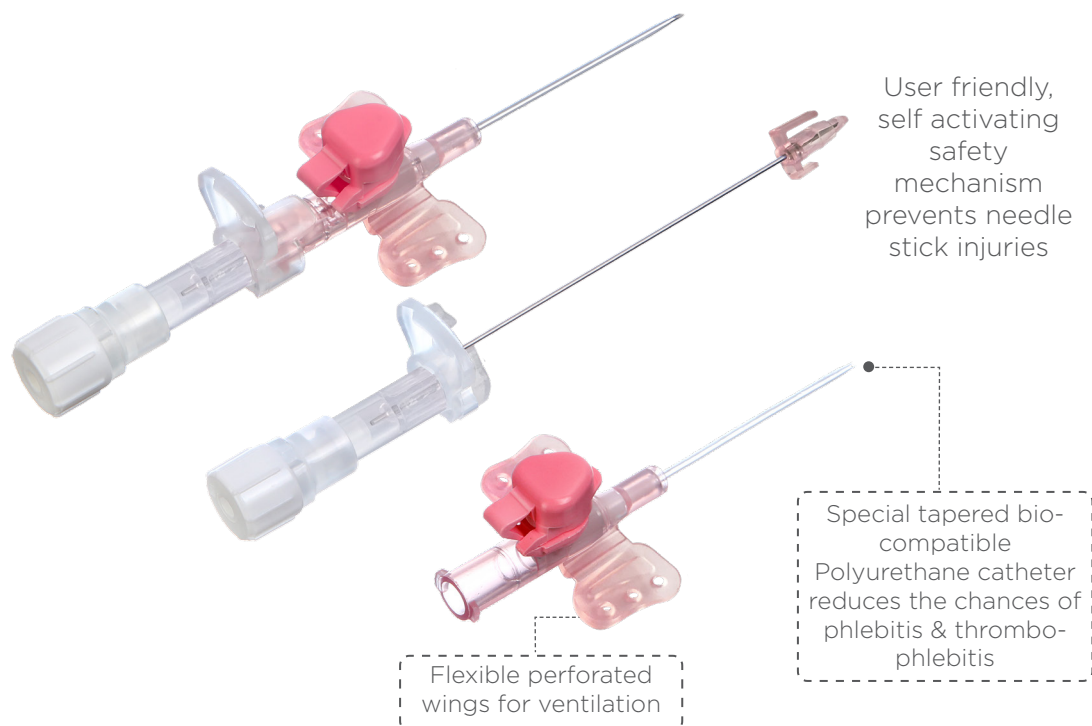
Four arm needle safety guard



Ergonomically designed wings



Transparent flashback chamber



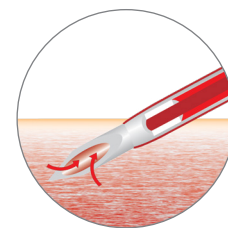
Size	Catheter I.D.mm	Catheter Length(mm)	Flow Rate (ml/min)
14G Orange	2.0	45	305
16G Grey	1.7	45	200
17G White	1.5	45	142
18G Green	1.3	45	100
18G Green	1.3	32	105
20G Pink	1.1	32	61
20G Pink	1.1	25	65
22G Blue	0.9	25	36
24G Yellow	0.7	19	23
26G Violet	0.6	19	17

Polysafety Adva

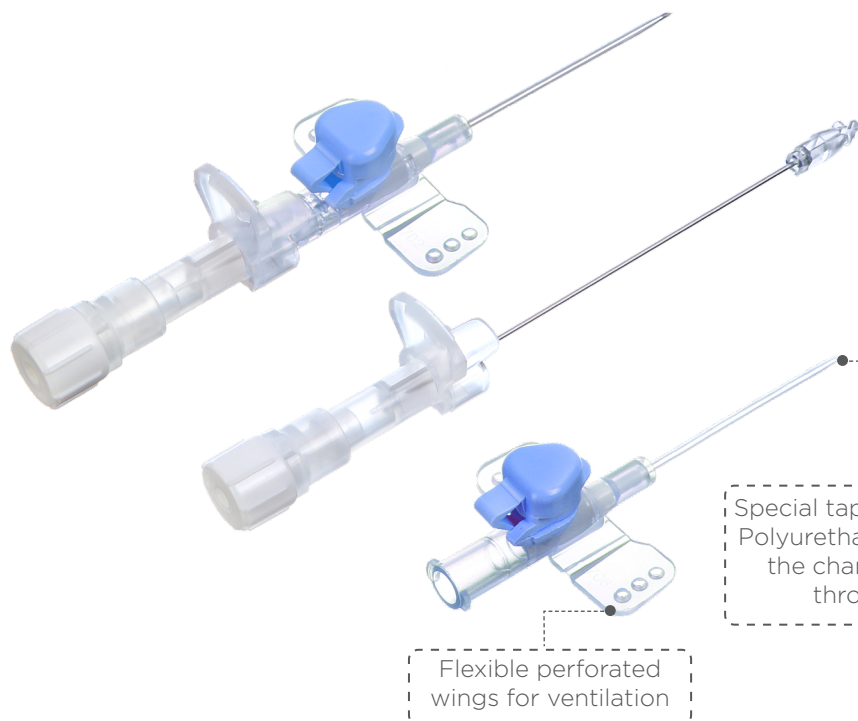
11460-11467

Safety I.V. Cannula with Quick Flashback

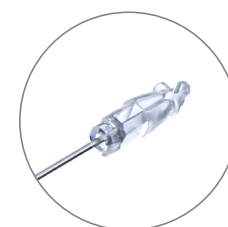
- Unique Needle Safety Guard offers less friction during withdrawal of needle
- Encapsulation of the needle bevel minimizes the blood exposure
- Needle Safety Guard with smooth rounded surface
- Advanced Polyurethane catheter material ensures better bio-compatibility & longer indwelling time



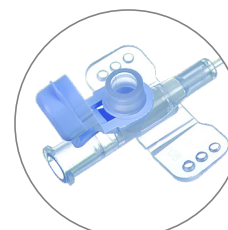
Quick Flashback Needle Technology ensures successful venipuncture












User friendly, self activating safety mechanism prevents needle stick injuries



Needle Safety Guard



Snap Fit cap for easy access of the port

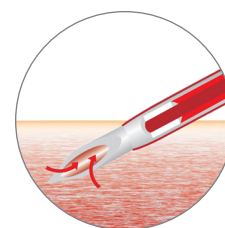
	Size	Catheter I.D.mm	Catheter Length(mm)	Flow Rate (ml/min)
	14G Orange	2.0	45	305
	16G Grey	1.7	45	200
	17G White	1.5	45	142
	18G Green	1.3	45	100
	18G Green	1.3	32	105
	20G Pink	1.1	32	61
	20G Pink	1.1	25	65
	22G Blue	0.9	25	36
	24G Yellow	0.7	19	23
	26G Violet	0.6	19	17

Polysafety BC-Port

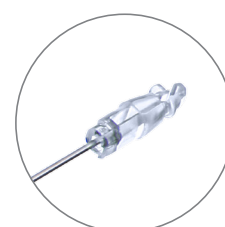
Safety I.V. Cannula with Blood Control

- Reduces the risk of blood exposure and contamination
- Prevention of accidental Needle Stick Injuries
- Bio-compatibility & longer indwelling time
- Provides clean Access Site

11850-11853



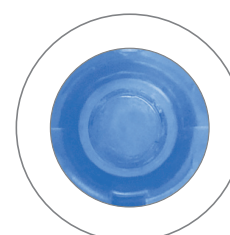
Quick Flashback Needle Technology ensures successful venipuncture



User friendly, self activating safety mechanism prevents needle stick injuries



Injection port with unidirectional valve facilitates supplemental medication



Silicon septum prevents blood spillage

Size	Product Code	Catheter OD (MM)	Catheter Length (MM)	Flow Rate (ml/min)
18G Green	11850	1.3	45	65
20G Pink	11851	1.1	32	47
22G Blue	11852	0.9	25	28
24G Yellow	11853	0.7	19	17

Nouvo Flex Adva

Quick Flashback I.V. Cannula with

“*Adva* Needle Technology”

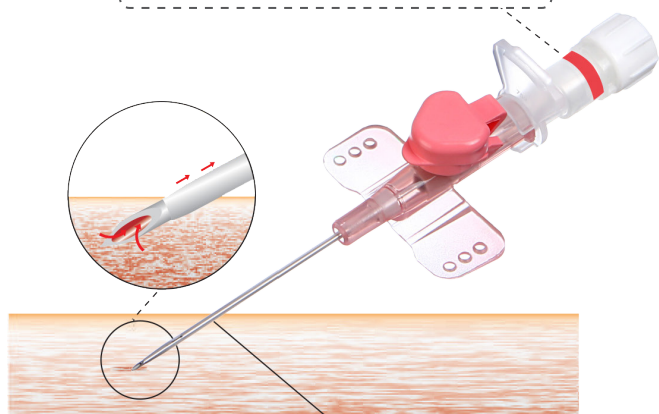
- Quick Flashback instantly confirms successful venipuncture
- *Adva* Needle technology enhances success in first-prick of needle
- Instant confirmation of blood flow along catheter body increases clinician's ability to successfully access the vein

12250-12256



Standard I.V. Cannula

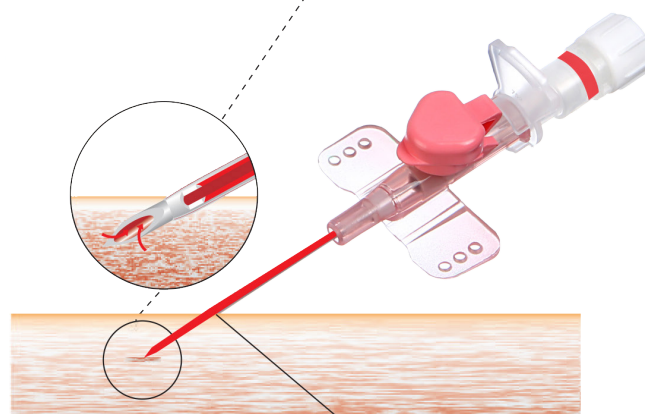
Visualization of flashback at the flashback chamber confirms venipuncture



Blood flows through the needle

Quick Flashback I.V. Cannula

Observe quick flashback through *Adva* needle



Quick visualization of blood flow through adva needle along with catheter body confirms successful venipuncture

Size	Catheter I.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	100
18G Green	1.3	32	105
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

Also available

Polyflon *Adva* I. V. Cannula
 Polycath *Adva* I. V. Cannula
 Polyneo *Adva* I. V. Cannula
 Neonovo *Adva* I. V. Cannula

I.V. Cannula

10001-10815

I.V. Cannula for continuous peripheral intravenous infusion

10001-10081

Polyflon

I.V. Cannula with port & wings

Sizes : 14G to 26G



10801-10808

Ultra I.P.

I.V. Cannula with port & wings

Sizes : 14G to 22G



10430-10435

Polycath

I.V. Cannula with integrated three way stop cock

Sizes : 16, 18, 20, 22G



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



Common features

- Special tapered & kink resistant FEP radiopaque catheter for easy insertion with optimal flow rate
- Special flexible wings to provide easy & secure fixation
- Manufactured from tested biocompatible materials offering longer indwelling time
- Rounded grip on the needle hub for better support during insertion
- Injection port with non-return silicon valve for intermittent medication (Polyflon, Ultra I.P.)

Art-Can

13426-13427

Arterial Cannula

- Specially designed ON-OFF switch reduces the risk of blood spillage.
- Polyurethane catheter provides longer indwelling time
- Grooves on the needle hub provides better grip and support during insertion
- Flexible perforated wings provide secure fixation, ventilation and prevent skin maceration
- Size: 20G



On / OFF Switch



Polyswab

90309

Disinfecting Cap

- Provides instant active and efficient disinfection
- Compatible with all needle free and luer access systems
- Eliminates inter-personal variation in compliance of '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

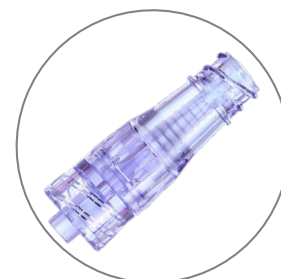


Strip available of 10 pcs.

Micro PolySyte Clear

13340-13347

- Flat smooth swabable surface for ease of disinfection
- Neutral Displacement Connector
- Split-septum technology
- Straight fluid path & minimal deadspace of 0.04 ml allows for lower flush volumes
- Allows saline flush option which eliminates the risk of Heparin Induced Thrombocytopenia (HIT)
- Lipids and blood compatible
- 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.



Micro PolySyte



Micro PolySyte Mono



Micro PolySyte Duo



Micro PolySyte Trio

Product Code	Brand Name	Specification
13300	PolySyte - MDVA	PolySyte Multi-Dose Vial Access Spike
13340	Micro PolySyte - Mono	Micro PolySyte Mono-99 cm with small bore extension tubing
13341	Micro PolySyte - Duo	Micro PolySyte Duo - 15 cm with small bore extension tubing
13342	Micro PolySyte - Trio	Micro PolySyte Trio - 15 cm with large bore extension tubing
13343	Micro PolySyte - Trio	Micro PolySyte Trio - 15 cm with small bore extension tubing
13344	Micro PolySyte - Mono	Micro PolySyte Mono - 152 cm with small bore extension tubing
13310	PolySyte - Access	PolySyte I.V. Bag Access device with BCV
13345	Micro PolySyte - Mono	Micro PolySyte Mono - 10 cm with small bore extension tubing
13312	PolySyte Access (NV)	PolySyte I.V. Bag Access device
13314	PolySyte - R	PolySyte Red Ring for arterial lines
13315	PolySyte Access (AV)	PolySyte Vented Bag Spike
13316	PolySyte Access - Multi Cap	PolySyte Multidose Vial Access Cap
13346	Micro PolySyte - Duo	Micro PolySyte Duo - 15 cm with large bore extension tubing
13347	Micro PolySyte	Micro PolySyte Stand alone

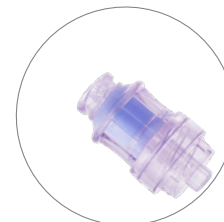
* Also available as Micro PolySyte plus with priming filter

Safe Conekt

13363-13368

Needle free connector

- Needle free technology with split septum design reduces the risk of infection
- Suitable for peripheral I.V. catheters & central venous catheters for the administration of I.V. fluid and medication
- Straight fluid path allows for clearing of blood and blood residual using low flush volumes
- Rotating luer lock and threaded female ports facilitates safe and secure connection to luers of other systems
- Latex free, phthalates free, DEHP free extension tubing, no metal components



Needle free connector to reduce the risk of Catheter Related Bloodstream Infections (CR-BSI)



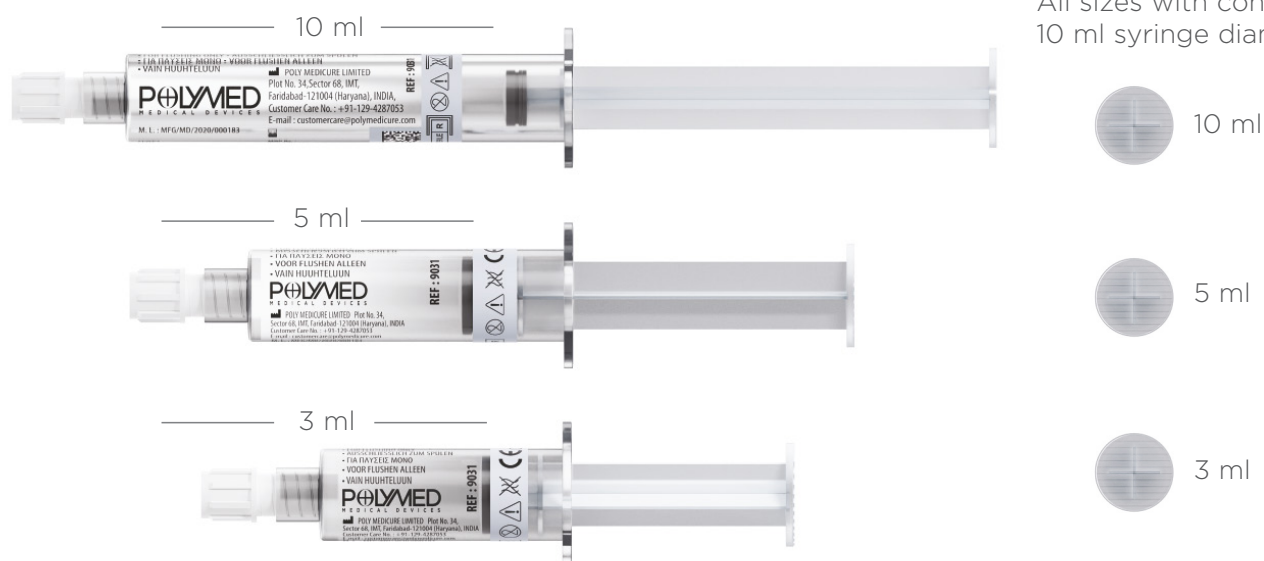
Code	Brand Name	Specification
13363	Safe Conekt-Stand Alone	Safe Conekt with blue connector (Stand alone)
13364	Safe Conekt-Mono	Safe conekt blue connector Mono-10 cm DEHP free tube
13365	Safe Conekt-Duo	Safe conekt blue connector Duo-15 cm DEHP free tube, Small bore
13366	Safe Conekt-Duo	Safe conekt blue connector Duo-15 cm DEHP free tube, Large bore
13367	Safe Conekt-Trio	Safe conekt blue connector Trio-15 cm DEHP free tube, Small bore
13368	Safe Conekt-Trio	Safe conekt blue connector Trio-15 cm DEHP free tube, Large bore

Polyflush

90311, 90318, 90319

Pre-filled Saline Syringes

- **Reduces the risk of CR-BSI**
Compared to conventional syringe preparation involving multiple steps, PolyFlush prefilled syringe is ready to use. It also minimises cross contamination & may reduce the risk of CR-BSI.
- **Improves workflow efficiency**
Ready to use, limits number of steps, less chances of error and saves time.
- **Eliminates the risk of Needle Stick Injuries**
PolyFlush provides safety to the healthcare professionals by reducing the risk of needle stick injuries unlike conventional systems.
- **Avoids catheter damage**
Syringe diameter is inversely related to pressure generated at the distal end of syringe. Smaller diameter syringes generate greater amounts of pressure than larger diameter syringes and can risk catheter damage. PolyFlush prefilled syringe offers all the syringes in consistent 10 ml syringe diameters to lower the risk of catheter damage.
- **Gamma sterilized**
Avoids leaching of volatile organic compound formation, resulting in the absence of any odour.



All sizes with consistent 10 ml syringe diameter

90318	Pre-filled Syringe with 0.9% Sodium Chloride -10mL	Sterile Fluid Path
90319	Pre-filled Syringe with 0.9% Sodium Chloride - 5mL	
90311	Pre-filled Syringe with 0.9% Sodium Chloride - 3mL	

Artcath

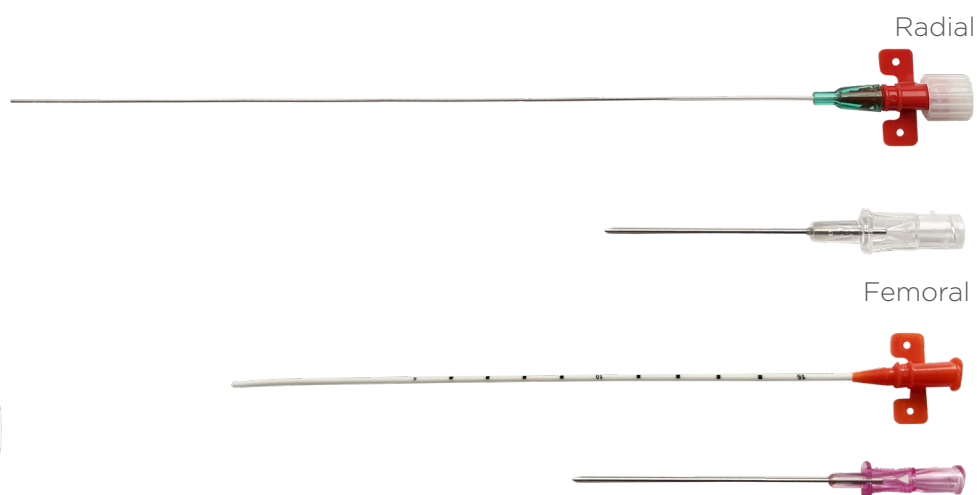
13587-13625

Arterial Catheter (Over the wire)

- Arterial Catheter with red hub is specially designed to improve patient safety by eliminating confusion of catheter identification.
- Over the wire technique reduces the complications associated with insertion technique and provides optimal performance leading to effective treatment.
- Kink resistant flexible straight tip (radial) and J tip (Femoral) guidewire made up of Nickle and Titanium (Nitinol) provides flexibility while insertion

Kit Contents

- Introducer needle
- Polyurethane catheter
- Nitinol guide wire

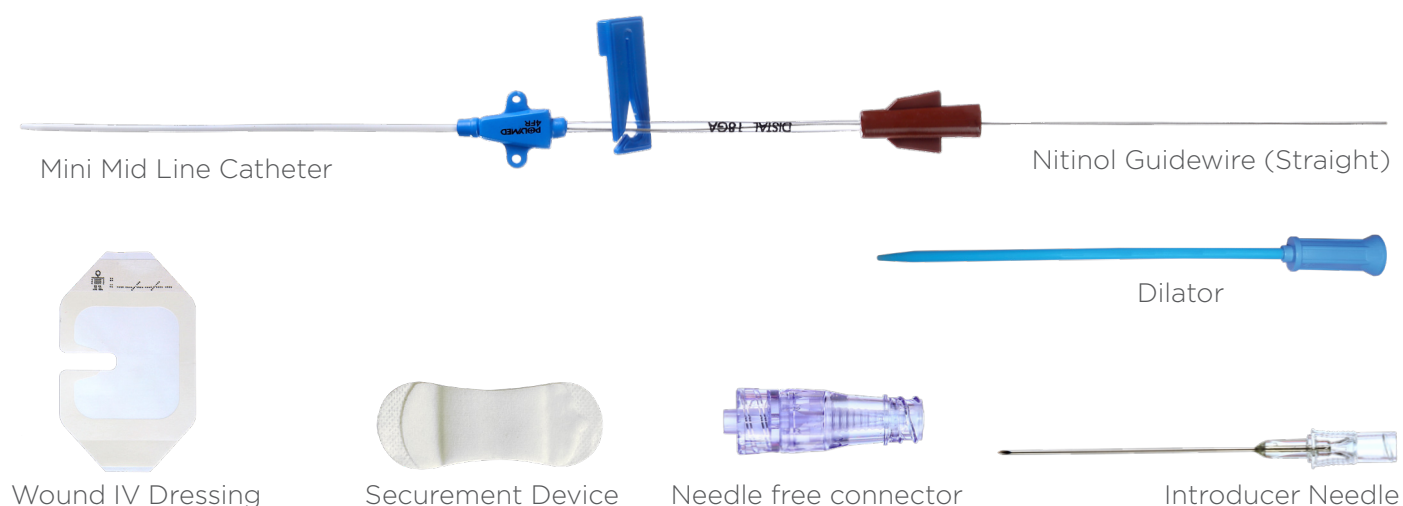


Product Code	Fr	Size G	Catheter Length (mm)	Flow Rate (ml/min)	Guide Wire Length (mm)	Introducer Needle
13528	3	20G	40	30	200	20Gx38mm
13371	3	20G	60	27	200	20Gx38mm
13529	3	20G	80	24	200	20Gx38mm
13372	4	18G	100	24	300	19Gx52mm
13534	4	18G	180	34	460	19Gx70mm
13410	5	16G	150	95	500	18Gx70mm

Polylead-OTW

13587-13625

- Indwelling catheter - Advanced polyurethane catheter assures better bio - compatibility, provides desired strength during insertion
- Kink resistant flexible 'straight' tip guide wire - Made of Nickle & Titanium (Nitinol) provides flexibility while insertion
- Micro clave clear connector (needle free connector) - Provides closed system and reduces the risk of catheter related blood stream infections
- Securement device - Provides efficient catheter stabilization



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
- Dilator

Compatible with Power injectors upto 300 PSI*

Product Code	Fr	Size G	Catheter Length (mm)	Flow Rate (ml/min)	Guide Wire Length (mm)	Introducer Needle
13587	4	18G	40	38	250	20Gx42mm
13588	4	18G	60	33	250	20Gx42mm
13589	4	18G	80	29	400	20Gx42mm
13595	4	18G	100	26	400	20Gx42mm
13596	3	20G	40	18	250	20Gx42mm
13597	3	20G	60	14	250	20Gx42mm
13598	3	20G	80	12	400	20Gx42mm
13621	3	20G	100	8	400	20Gx42mm
13622*	2	22G	40	15	250	20Gx42mm
13623*	2	22G	60	12	250	20Gx42mm
13624*	2	22G	80	100	250	20Gx42mm
13625*	2	22G	100	6	250	20Gx42mm

Polygrip

Huber Needle

- Compatible with Chemotherapeutic ports
- Non-Coring Needle maximizes port septum life
- PVC Free Extension Tubing
- Soft wings for ease of dressing and handling
- Clamp to stop infusion as required
- Y-Site for intermediate medication
- Ext. Tube Length : 190mm
- Needle Length : 25mm

Sizes available 20G 22G

95017-95046



Polyspike

Vial Access Spike

- Vented spike for withdrawing fluids from vials or semi-rigid containers
- Enhanced accurate drug administration practice with minimum priming volume
- 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
- Latex Free, PVC Free, DEHP Free

13068, 13490, 13491



Code	Fluid Filter	Air Filter	Nature of Use
● 13491	5μ	0.45μ	Chemotherapeutic Drugs
● 13490	5μ	0.45μ	Normal Drugs
● 13068	NA	0.45μ	Normal Drugs

Polyway

Three Way Stop Cock

- For multiple infusions
- 360° rotation



13001



13002



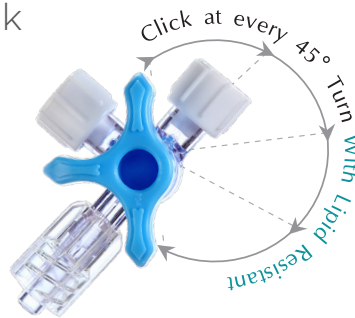
13003

13001-13003

Polyway Pro Click

Three Way Stop Cock

Lipid resistant
with 45° Click



13026

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
- For pressure up to 4.5 bar (65 psi)

Polyway with Extension Tube

Three Way Stop Cock with Extension Tube

- Soft, frosted & kink resistant PVC tubing provides uninterrupted fluid movement
- Tube length: 10, 25, 50, 80, 100, 150, 200 & 300 cm
- Tube dia: I Ø 3.0 mm & O Ø 4.1 mm
- Also available with priming filter



13016-13022

Nouvo Click Extension

Three Way Stop Cock with DEHP Free Extension Tube

- Three Way Stop Cock with 45° click
- Soft, frosted & kink resistant DEHP free tubing
- Tube length: 10, 25, 50, 100, 150 & 200 cm
- Tube dia: I Ø 3.0 mm & O Ø 4.1 mm

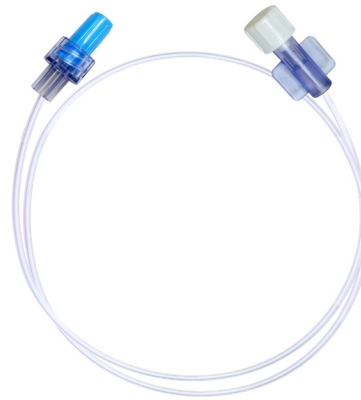


13615-13620

Extension Lines

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 per 100 cm
- Also available with priming filter
- Tube length: 25, 50, 100, 150 & 200 cm
- Tube dia: I Ø 1.5 mm & O Ø 3.0 mm
- DEHP free

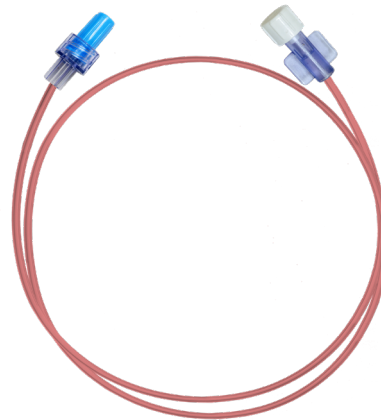


13119-13149

Extension Lines

High Pressure Extension line for Photosensitive drugs

- Reduces chances of photolysis of light sensitive drugs from UV exposure
- Provides convenience to end user
- Priming volume: 0.8ml per 100cm
- For pressure up to 55 bar (800 psi)
- Tube length: 100, 150 and 200cm
- DEHP free



13260-13262

Low Pressure Extension Line

- Extension line suitable for low pressure applications
- For pressure up to 4.5 bar (65 psi)
- Kink resistant PVC tubing
- Tube length: 25, 50, 100, 150 & 200 cm
- Tube dia: I Ø 3.0 mm & O Ø 4.1 mm
- DEHP free



13180-13202

14265-14267

Autofusion Set

I.V. Infusion Set with 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



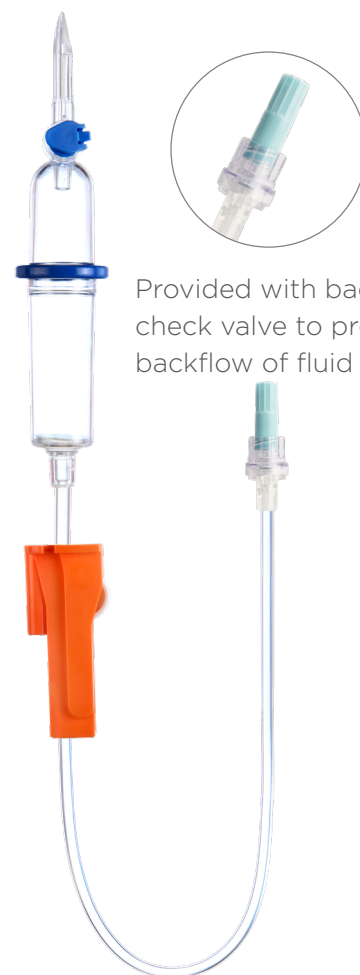
Priming Filter

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

14289

Autofusion BCV

I.V. Infusion Set with Back Check Valve



Provided with back check valve to prevent backflow of fluid

Features and Benefits

- Clear spike compatible with I.V. bottles
- Unique designed ring in drip chamber for secure gripping
- PVC free 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
- "Y" injection port (latex free) designed for intermittent medications
- Standard tube length: 180 cms

* Autofusion BCV also available in PVC Free as product code 14298

14160-14163

Oncofusion Set

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

- I.V. Infusion set with 0.2 micron in-line filter prevents particle, air, bacteria & fungi passing into the venous system
- The special Priming Filter ensures that the line fills automatically (Auto Prime) thus maintains a closed system
- Latex free
- DEHP free
- PVC free
- Also available in PVC Free material



14230

Photofusion Set

I.V. Infusion Set for Photosensitive Drugs

- Protects light sensitive drugs from UV exposure
- UV resistant tubing minimizes decomposition of the active ingredients of various drugs
- The special Priming Filter ensures that the line fills automatically (Auto Prime) thus maintains a closed system
- Latex free
- DEHP free



14120-14134

Novofusion Set

I.V. Infusion Set with Airvent

- Sharp and easy piercing air vented spike
- Bacteria retention air inlet with snap on cap
- “Y” injection port (latex free) designed for intermittent medications
- Luer lock provided for leak proof connection
- Latex free
- DEHP free



Common 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
- Tube dia: I Ø 3.0 mm & O Ø 4.1 mm

14192

Ultrafusion I.V. Set

I.V. Infusion Set with Airvent

- Sharp and easy piercing air vented spike
- Bacteria retention air inlet with snap on cap
- “Y” injection port for intermittent medications
- Luer lock for leak proof connections
- DEHP free
- Priming filter that ensures that line fills automatically thus maintaining a closed system



Priming Filter



14078

Polynovo

PVC free I.V. Infusion set with
Needle free Y-site

- Needle free Y-site reduces the risk of Needle Stick Injury
- Sharp and easy piercing air vented spike
- PVC free IV set eliminates the risk for drug interactions
- Luer lock provided for leak proof connection



14193

Ventrifusion I.V. Set

Non-Vented I.V. Infusion Set

- vApproximately 20 drops per ml.
- Luer slip
- Small drip chamber
- DEHP free



14001-14013

Polyfusion Vented

I.V. Infusion set with Airvent

- I.V. Infusion Set with Airvent
- 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



14191

Polyfusion Plus

I.V. Infusion Set

- Sharp and easy piercing non- vented spike
- Approximately 20 drops/ml
- DEHP Free
- Luer lock



14060-14070

Microfusion Set

- I.V. Infusion Set with Micro Drip
- Micro I.V. Infusion set for paediatric use
- Approximately 60 drops/ml



Features

- Transparent & flexible drip chamber
- Soft and kink resistant PVC tubing
- Smooth roller clamp facilitates easy & controlled adjustment of fluid rates
- Standard tube length: 150 cms
- Tube dia: I Ø 3.0 mm & O Ø 4.1 mm

14580

Polypedia

DEHP Free Measured Volume Fluid Administration Set

- PVC free hard burette chamber measured volume fluid administration set
- "Y" injection port (latex free) designed for intermittent medications
- Bacteria retentive air inlet on spike
- Automatic shut off valve prevents entry of air once the burette chamber gets emptied, also indicates the level of fluid
- Micro drip with 60 drops per ml
- Soft and kink resistant PVC tubing
- Latex free



Features:

- Air vented spike
- Size: 110 ml
- Standard Tube length: 150 cm
- Tube dia: I Ø 3.0 mm & O Ø 4.1 mm

14500-14580

Polyvol Pro

Measured Volume Fluid
Administration Set (Burette Set)

- "Y" injection port designed for intermittent medication
- Latex Free



- 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 empty
- 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

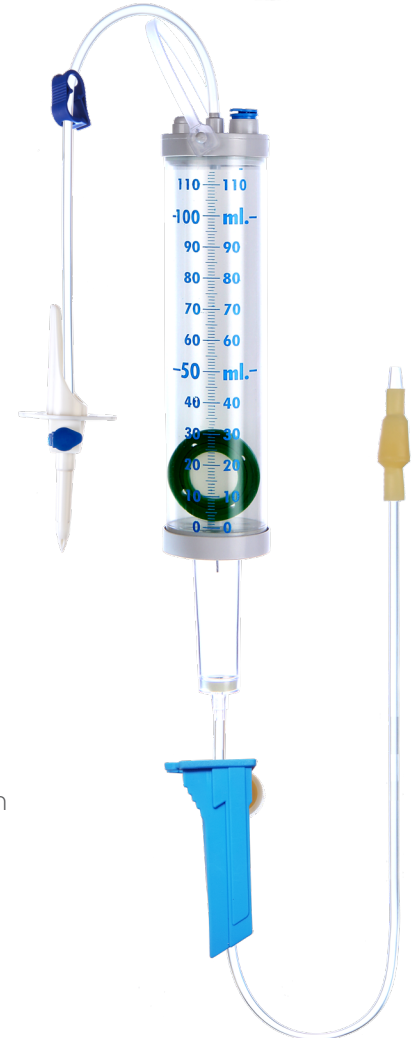
Features:

- Air vented spike
- Sizes: Polyvol 110 ml & Polyvol Pro 110/150 ml
- Standard tube length: 150 cm
- Tube dia: I Ø 3.0 mm & O Ø 4.1 mm

14500-14580

Polyvol

Measured Volume Fluid
Administration Set
(Burette Set)



13150-13164

Polyflo Novo

I.V. Flow Regulator Extension Sets

- Precise flow rate control of I.V. fluids with range of 5 to 250 ml/hr
- With “Y” injection port for intermittent medication
- Male luer connector at one end and female luer connector at other end
- Standard tube length: 20 cm without “Y” site & 40 cm with “Y” site
- Latex free



14090-14107

Polytrol - Micro Set

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

- Flow regulator integrated with I.V. infusion set for precise flow control
- Flow rate: 5 ml/hr to 250 ml/hr
- Approximately 60 drops/ml
- Latex free



Features

- For gravity feed only
- 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 3.0 mm & O Ø 4.1 mm

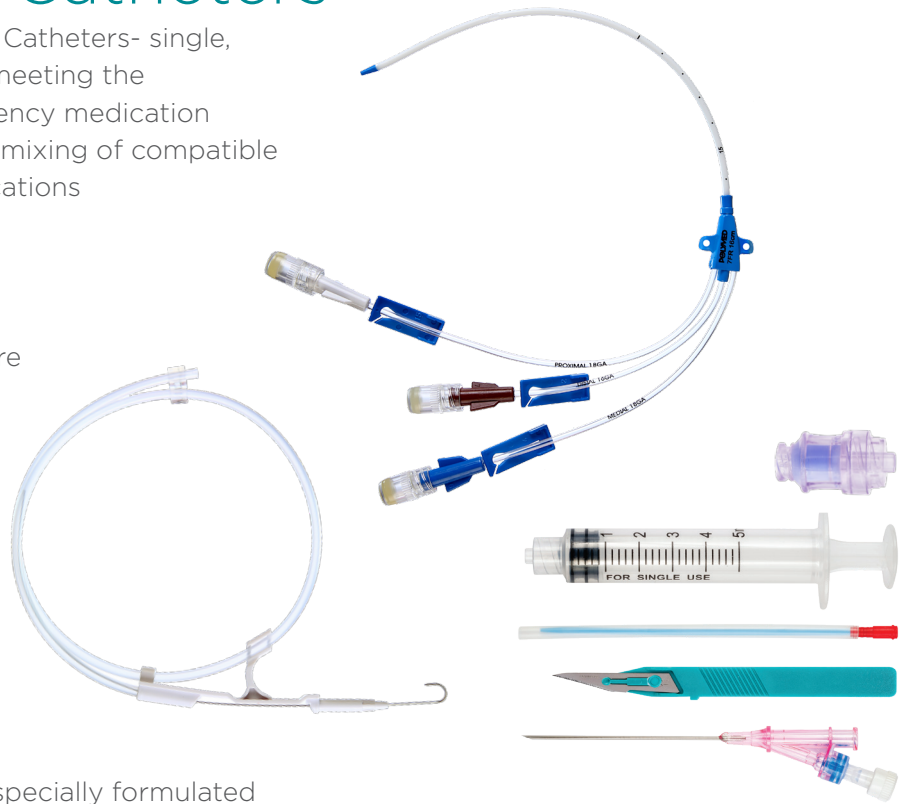
Central Venous Catheters

15285-15297

- 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 mixing of compatible drugs, thus minimizing the complications

Kit Contents

- Indwelling catheter
- Kink resistant J-tip nitinol guide wire
- Dilator
- Luer lock syringe
- Scalpel
- Catheter holder
- Catheter holder clamp
- Y-introducer needle with valve / Straight needle
- Needle Free Connector



Features

- Central Venous Catheter made of specially formulated and biocompatible Polyurethane material provides strength during insertion
- PUR material softens at body temperature to conform to the body tissues and reduces the risk of vascular trauma
- Specially designed soft & beveled tip for smooth & easy insertion of catheter
- Soft flexible J-tip guide wire made up of nitinol 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

Central Venous Catheters Sizes

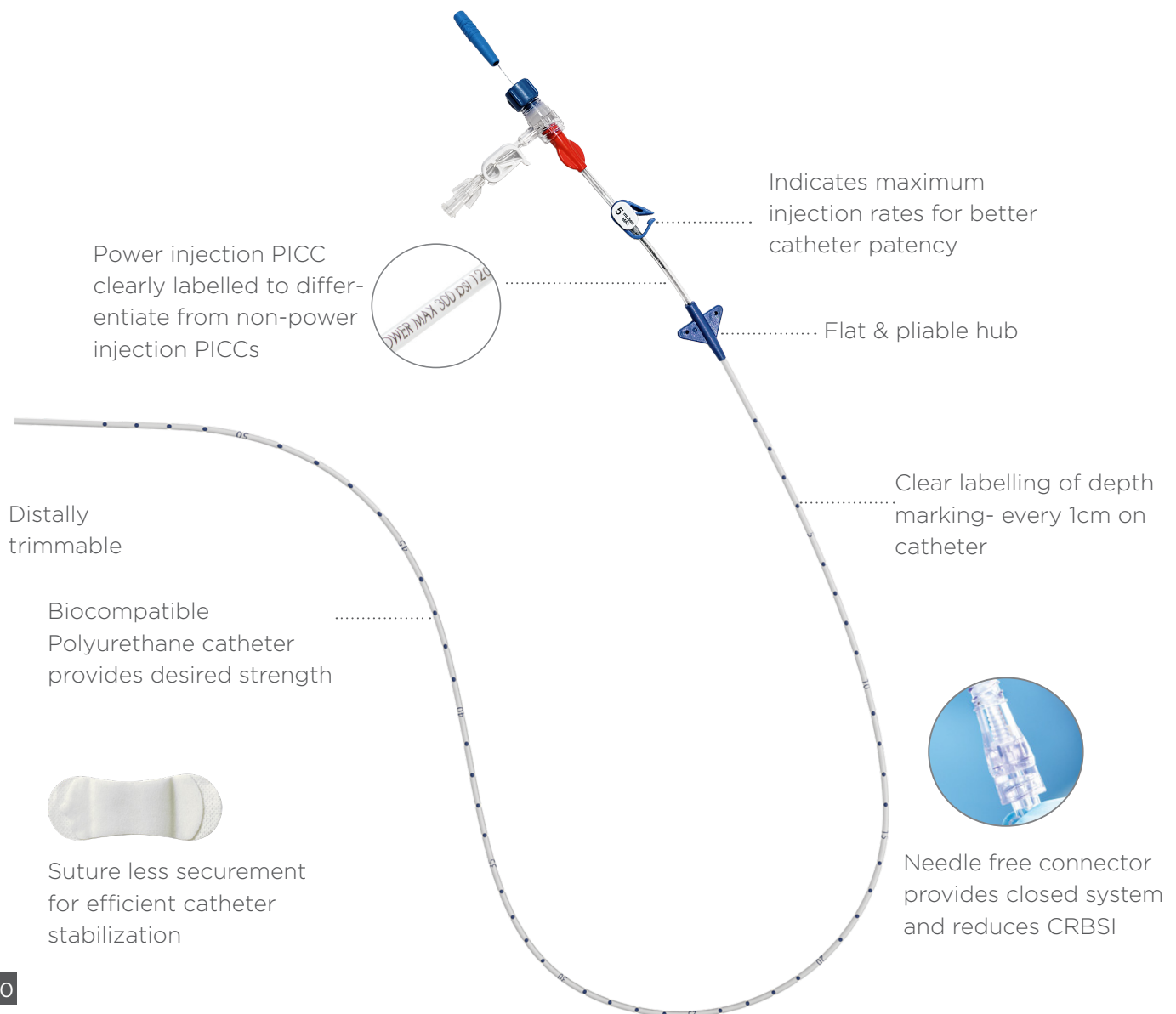
PRODUCT DESCRIPTION		INDWELLING CATHETER		GUIDE WIRE	
Reference Code	Variant	Specification (Sizes)	Length (mm)	Diameter (inch/mm)	Length (cm/mm)
15285	Polymed CVC Mono	5FR / 16G (D)	160	0.035 / 0.89	50/500
15286	Polymed CVC Duo	7FR / 16G (P) - 16 G (D)	160	0.035 / 0.89	50/500
15295	Polymed CVC Trio	7FR / 18G (P) 16G (D)-18G (M)	160	0.035 / 0.89	50/500
15288	Polymed CVC Mono with NFC*	3FR / 20G (D)	80	0.018 / 0.46	50/500
15289	Polymed CVC Mono with NFC*	5FR / 16G (D)	160	0.035 / 0.89	50/500
15290	Polymed CVC Duo with NFC*	4FR / 22G (P) - 22 G (D)	80	0.018 / 0.46	50/500
15291	Polymed CVC Duo with NFC*	7FR / 16G (P) - 16 G (D)	160	0.035 / 0.89	50/500
15292	Polymed CVC Trio with NFC*	4.5FR / 23G (P) 20G (D)-23G (M)	60	0.018 / 0.46	50/500
15293	Polymed CVC Trio with NFC*	4.5FR / 23G (P) 20G (D)-23G (M)	80	0.018 / 0.46	50/500
15294	Polymed CVC Trio with NFC*	5.5FR / 22G (P) 20G (D)-22G (M)	80	0.018 / 0.46	50/500
15287	Polymed CVC Trio with NFC*	7FR / 18G (P) 16G (D)-18G (M)	160	0.035 / 0.89	50/500
15296	Polymed CVC Trio with NFC*	7FR / 18G (P) 16G (D)-18G (M)	130	0.035 / 0.89	50/500
15297	Polymed CVC Quadruple with NFC*	8FR / 18G (P) 16G (D)-18G (M1-M2)	160	0.035 / 0.89	50/500

*NFC-Needle Free Connector

Peripherally Inserted Central Catheters (PICC)

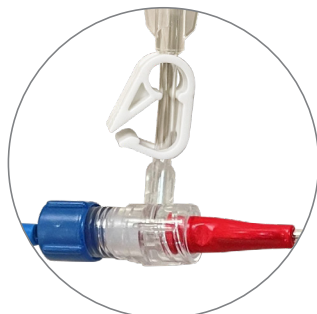
15590-15592

- Indwelling catheter made up of Biocompatible Radiopaque Polyurethane Material
- Advanced polyurethane catheter with soft tip assures better biocompatibility and provides desired strength during insertion
- Kink resistant and flexible 'straight' tip guidewire
- Made of Nickel & Titanium (Nitinol) provides flexibility while insertion
- USG guided tip
- Introducer needle with echogenic tip for correct positioning under ultrasound guidance
- Provides closed system and reduces the risk of catheter related blood stream infections
- Suture less securement device
- Provides efficient catheter stabilization
- Power injections: infusion of contrast media to a flow rate up to 7ml/s at pressure up to 300psi

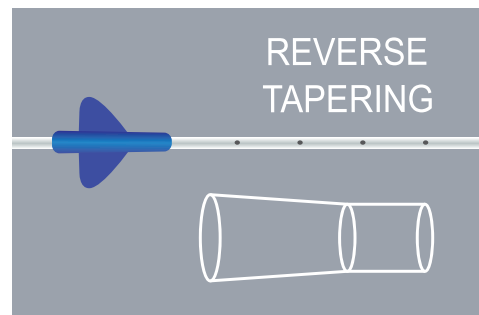




Pressure injection catheter



Compatible with ECG technique



Reverse tapering for correct placement of catheter's tip

Kit Contents

- PICC catheter
- Stylet
- Stylet holder and T-connector
- 21G echogenic needle
- Nitinol straight guidewire
- Introducer
- Dilator
- Needle free connector
- Suture-less adhesive
- Scalpel
- Paper ruler
- Patient implant card

Product Code	Product Description	Catheter Length (mm)	Max Flow Rate (ml/sec)	Gravity Flow Rate (ml/min)	Packaging Duplex/Carton
13590	3Fr Single lumen catheter	450 mm	2ml/sec	8ml/min	1/5
13591	4Fr Single lumen catheter	550 mm	5ml/sec	22ml/min	1/5
13592	5Fr Single lumen catheter	550 mm	7ml/sec	39ml/min	1/5

Suction Catheters

Endo Bronchial Suction Catheters

21130 - 21140
Thumb Control
Connector



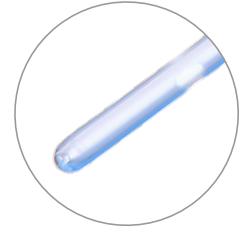
21160-21170
Finger Tip
Control
Connector



20010-20026
Standard
Connector



Atraumatic, soft &
rounded closed tip
with one/two
lateral eyes



Features

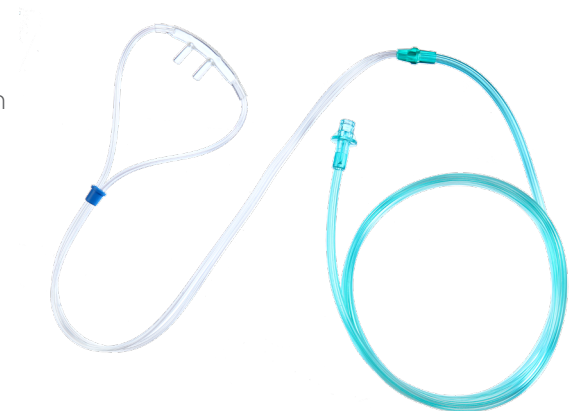
- For removal of secretion from trachea and bronchial region
- Soft, frosted and kink resistant DEHP free PVC tubing with maximum patient comfort
- Color coded connector for identification of size
- Thumb control & Finger Tip Control are available with graduation marks after every cm
- Length : 50 cms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

Nasocath

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: 200 cm
- Sizes: Adult, Paediatric & Neonatal

20020-20025



Neonatal



Paediatric



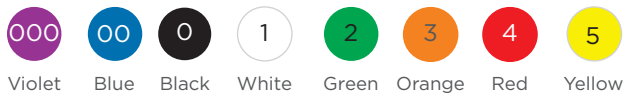
Adult

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

Colour Codes



20050-20057



Polyciser with Handle

Respiratory Exerciser

- Innovative system to exercise respiration through aspiration
- Provided with unique handle for easy holding while exercising
- Breathing capacity of 1200cc, 900cc & 600cc provides more efficient exercise to the patient at a step up basis
- Innovative design, can be dismantled into parts for cleaning & disinfection
- Tube holder holds flexible tube while not in use
- Air Filter for enhanced protection during inspiration

20410-20411



Spinal Needle

- Suitable for Spinal anaesthesia
- Conical tip imparts superior tactile feedback
- High flow rate enables faster Cerebro Spinal Fluid (CSF) flashback
- Sizes: 16 G to 27 G x 3.5" (Approx. 90 mm) needle length



Quincke Point

20919-20931



Oxygen Mask

Variable Concentration Mask

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



20115-20118

Nebulizer Mask

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
- 200 cm long star lumen tubing to ensure continuous flow of oxygen



20111-20114

Ultra Mask

Oxygen Mask with Reservoir

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



20124-20126

Common Features

- Elongated facemask for long term use
- Clear and soft mask for patient comfort
- Adjustable elastic strip for proper positioning of mask
- Star lumen tube
- Sizes: Adult & Paediatric

Nebulizer Compressor System

91325

- For efficient respiratory therapy
- For effective medication delivery
- Easy carry handle
- Light weight

Kit contents:

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

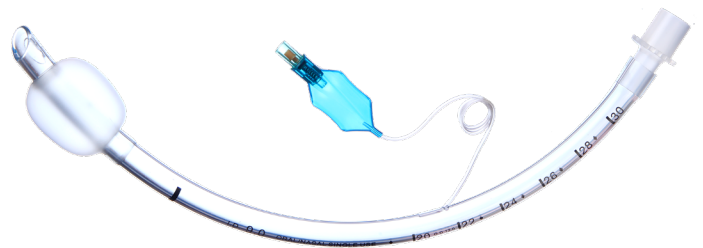


Endotracheal Tubes

Endotracheal Tube (Cuffed)

20150-20916

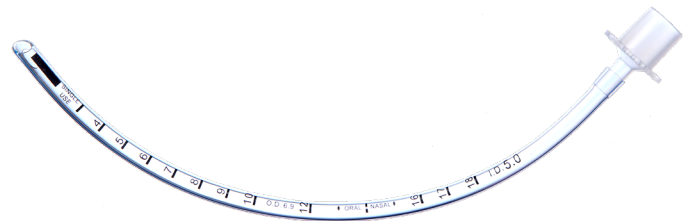
- Provided with soft cuff based on high volume and low pressure at the distal end
- Non-return valve with pilot cuff for easy assessment of the pressure in the main cuff



Endotracheal Tube (Plain)

20932-20939

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



Common Features

- Proximal end fitted with standard 15 mm connector
- Radiopaque line on the tube to facilitate easy location of tube
- Murphy eye at 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	-	-	-	-	-	-	-	-

Mucus Extractor

40350-40419

- For aspiration of secretion from oropharynx to ensure free respiration in newly born babies
- Convenient to extract mucus specimen for microbiological examination
- Separate screw top lid for safe sealing and handling of aspirate
- Soft, frosted & kink resistant PVC tubing
- Available in: 25 ml
- Suction tube lengths available: 40 & 50 cm
- Suction tube sizes from 6FG to 14FG

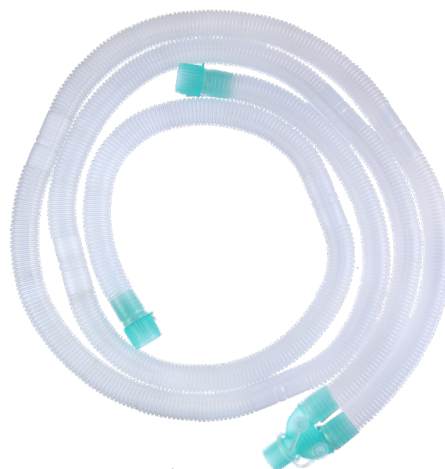


Ventilator Circuits

Ventilator Circuits - Adult

20418

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



Ventilator Circuit - Paediatric

20421

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

Ventilator Circuit with one water trap

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



20419

Ventilator Circuit with two water trap

- 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 50 ml approx.



20420

Bain Circuit

Adult:

- Provided with 22 mm corrugated tube of length 1.6 m
- 6 mm green PVC tube of length 1.6 m
- APL Valve
- 2.0 L antistatic rebreathing bag

Paediatric:

- Provided with 15 mm and 10 mm corrugated tube of length 1.6 m
- 0.5 L Antistatic Rebreathing Bag



20416-20417

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. 15 mm/O.D. 22 mm



20180

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

Ventilator Circuit- Expandable Combo Kit

- 22mm corrugated tube of 1.6 m length
- 22mm male and female circuit adaptors
- Expandable corrugated tube up to 2m length
- With HME filter



20428



Urine Collection Bags

30101-30102

Polyuro-Premium

- Available with 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
- Also available as Polyuro-II with 110 cm tube length
- Capacity: 2000 ml, Tube length: 100 cm



Sampling Port



T-type bottom outlet

30103

Polyuro-Deluxe

- Available with handle for easy handling with top outlet
- Capacity: 2000 ml, Tube length: 100 cm



30104

Polyuro-Echo

- Urine collection bag with top outlet & rod for hanging
- Capacity: 2000 ml, Tube length: 90 cm



30112

Paediatric Urine Collection Bag

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



30108-30109

Leg Bag Set

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

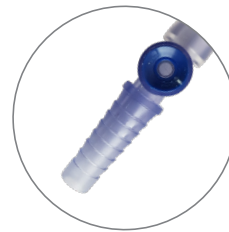
Leg Straps



30121-30122

Polyurimeter Plus

- Urine collection bag graduated in ml with measured volume meter for accurate measurement
- Needle free sampling port provided for sample collection maintains closed system, reduces the chance of Urinary Tract Infection



Needle free Sampling Port

T-type bottom outlet

30115-30126

Polyurimeter



T-type bottom outlet

Features

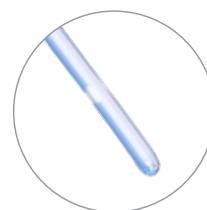
- Inlet tube length: 120 cm
- Capacity of urine collection bag: 2000 ml
- Soft, frosted and kink resistant PVC tubing
- Available with specially molded hanger for easy handling
- Reservoir capacity: 250 ml & 500 ml

Urine Drainage Catheters

Short Term Urine Drainage Catheters

Nelaton Catheter

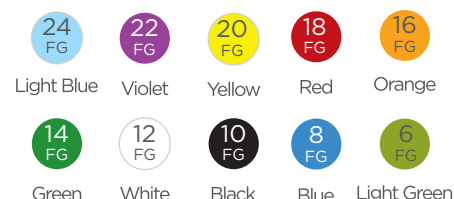
- For short term bladder catheterization through urethra in males
- Length : 40 cms
- Soft, frosted and kink resistant
- PVC tubing
- Atraumatic, soft, rounded, closed tip with two lateral eyes for efficient drainage
- Color coded plain connector for easy identification of size
- Sizes : 6 FG to 24 FG



Soft Tip



30010-30019



Foley Balloon Catheter

30180-30188

- 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: 5-15ml (12 FG) & 15-30 ml (14-24 FG)

Sizes Paediatric:

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

TUR Set

30300

- Y shaped set for endoscopic irrigation during Trans Urethral Resection of prostate gland
- Made of non toxic, medical grade PVC
- Flexible latex tubing at proximal end



Ryle's Tube

Nasogastric Feeding Tube

40001-40011

- For nasogastric administration of nutrition and aspiration of 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 funnel end connector for easy identification of size
- Length: 105 cm
- Sizes: 6FG to 24FG



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

Infant Feeding Tubes with Graduation

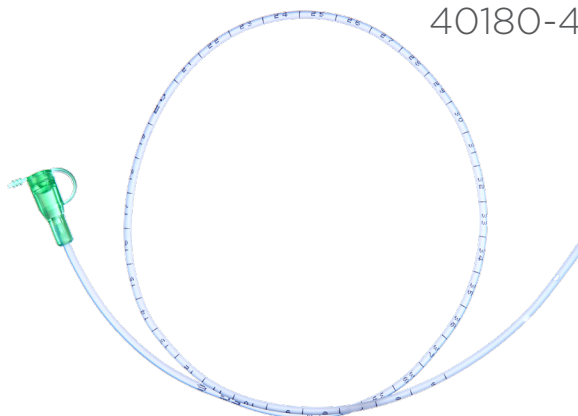
Novofeed

40180-40186

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



Female Mount



Feeding Bag

40600

- For gastro-intestinal feeding in adult, paediatric and neonatal cases
- A transfer set is directly connected to bag for easy feeding
- On rear side of bag, an ice pouch is provided for preserving the food for longer intervals of time
- A hanger is provided with bag for easy handling
- Bag capacity: 1200 ml



Umbilical Catheter

40450-40464

- 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 venous or arterial routes for infusion, transfusion, administration of medication, blood sampling, pressure measurement, etc.
- Available with female flexible mount and luer lock
- Color coded funnel end connector for easy identification of size
- DEHP Free
- Length: 40 cm
- Sizes: 4, 5, 6 & 8FG



Available in

8FG

Blue

6FG

Green

5FG

Grey

4FG

Red

Polyvac Set

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 : 600ml & 800ml

Features

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



90070-90139

Neovac Set

Closed Wound Suction Unit

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



90650-90651

Abdominal Drainage Set

- Soft abdominal drainage catheter with collection bag of 2000 ml capacity
- Catheter with atraumatic & rounded open distal ends & smooth eyes with markings at 2 cm interval from the last eye
- Sizes: 20, 22, 24, 26, 28, 30, 32 & 36FG



90110-90118

Ultra Cath Novo

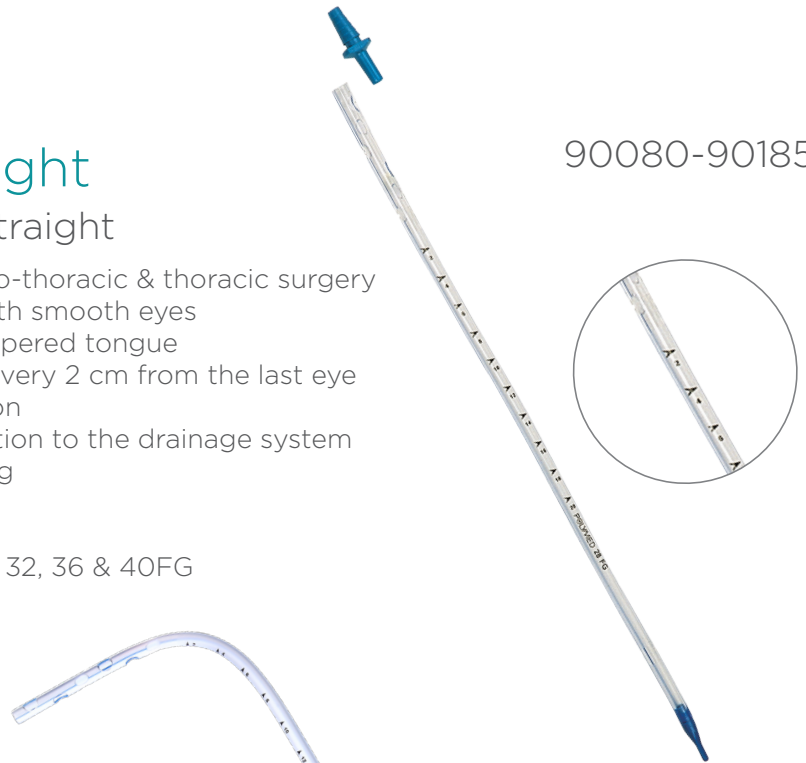
Thoracic Drainage Catheters

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
- DEHP Free
- Length: 45 cm
- Sizes: 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 32, 36 & 40FG

90080-90185



Ultra Cath Novo - Angled

Thoracic Drainage Catheters - Angled

- Catheter is provided with curved (90°) angle for easy aspiration of drainage
- DEHP Free

90173-90181



Ultra Cath Novo - Trocar

Thoracic Drainage Catheters with Trocar

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

90090-90186



Polyseal

90320-90340

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 having capacity of 2000 ml
- Clearly marked initial water level to ensure under water 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
- Also available in 700ml

Polyseal - Kid
500 ml



Polyseal - Midi
1200 ml



Polyseal - Adult
2000 ml

*

Polydrain

90120

Under Water Seal Drainage Bag

- Under water seal drainage bag for collection of drainage fluid from thoracic cavity
- Specially designed moulded handle for easy carrying and hanging of the bag
- PVC drainage bag with 1000 ml capacity
- Soft and kink resistant PVC tubing



Polysuction Set

90140-90270

Yankauer Suction Set

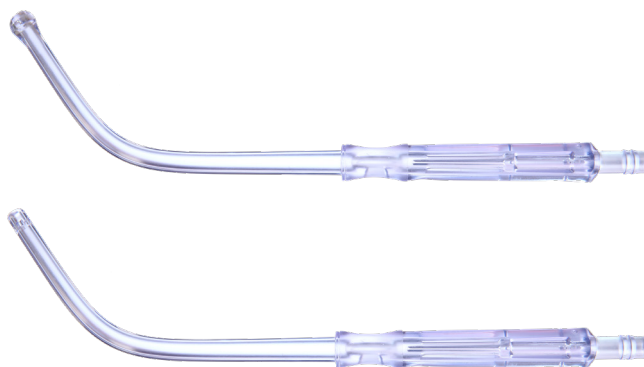
- Suitable for pre-operative removal of secretion and body fluids
- Ergonomical design handle provides ease of use
- Soft and kink resistant ribbed PVC tubing
- The vent port is closed with tight sleeve to regulate pressure during procedure
- Yankauer Handle is open end with 4 lateral eyes



Crown Tip



Standard Tip



Dial-Ezee

13472-13476

Dialysis System with inbuilt SLED

Standard Features

- 15-inch LCD display with touch screen
- Bicarbonate dialysis
- Accurate concentration of dialysate & conductivity monitoring
- Ultrapure dialysate through Endotoxin filter
- 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
- Dual Blood Pump

Optional Features

- Blood Pressure Monitor
- Bicarbonate Cartridge Filter
- Optical Sensor
- USB Communication Port

- Self Testing Functions
- Audio-Visual Alarms
- Convenient & Reliable
- Clinical & Service Excellence



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	13.0 to 18.0 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	Available as standard

Disinfection & Cleaning Process

Rinse

Temperature / Time	37°C / 10 min
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Hot Rinse recirculation

Temperature / Time	85°C / 30 min
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Hot Disinfection with chemical

Temperature / Time	85°C / 45 min
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Technical (Options)

Blood Pressure Monitor

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

Bicarbonate

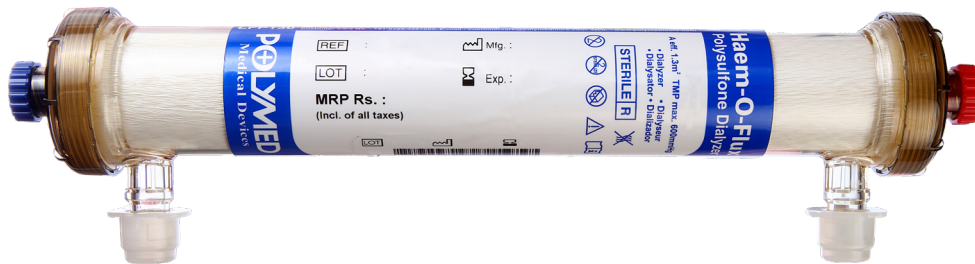
Bi cart	Optional
Optical Sensor	Optional
USB Port	Optional

Haem-O-Flux

90365-90371

Dialyzer

- 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



Specifications	LFP 130	MFP 140	LFP 160	LFP 180	HFP 180
Effective surface (m ²)	1.3	1.4	1.6	1.8	1.8
Dialyzer type	Low Flux	Middle Flux	Low Flux	Low Flux	High Flux
Priming volume	65	79	85	94	96
Internal fibre diameter (µm)	200	200	200	200	200
Fibre wall thickness (µm)	40	40	40	40	40
Membrane material	Polysulfone	Poly ether sulfone	Polysulfone	Polysulfone	Polysulfone
Housing material	PC	PC/PP	PC	PC	PC
Potting material	Polyurethane	Polyurethane	Polyurethane	Polyurethane	Polyurethane
Sterilization	Gamma	Gamma	Gamma	Gamma	Gamma
Form of treatment	HD	HD	HD	HD	HD
TMP max.	600	600	600	600	600
Units per box	40	40	34	34	34
UF coeff. (ml/h*mmHg)	12	16	15	19	53
Clearance QB = 200 ml/min					
Blood flow range (ml/min)	150-400	150-400	200-500	200-500	200-500
Urea	185	230	190	197	215
Creatinine	171	197	176	182	207
Phosphate	128	165	139	147	187
Vitamin B12	78	99	86	93	126
Clearance QB = 300 ml/min					
Blood flow range (ml/min)	150-400	150-400	200-500	200-500	200-500
Urea	241	232	248	258	272
Creatinine	214	197	227	232	259
Phosphate	169	166	176	188	235
Vitamin B12	98	104	109	118	168

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

13472-13476

Haem-O-Cent Pro

Haemodialysis Catheter Kit

- Made of specially formulated and bio-compatible Polyurethane material, provides strength during insertion
- PUR material softens at body temperature to conform to the body tissues and reduces the risk of vascular trauma
- Soft flexible kink resistant J-tip guide wire made up of nitinol prevents the vessel perforation and also provides good torque to ensure firm insertion
- Radio-opaque catheter with clear, definite marking facilitates correct placement of catheter tip
- Shelf Life: 60 months
- Also available in SS guidewire



User friendly guide wire dispenser



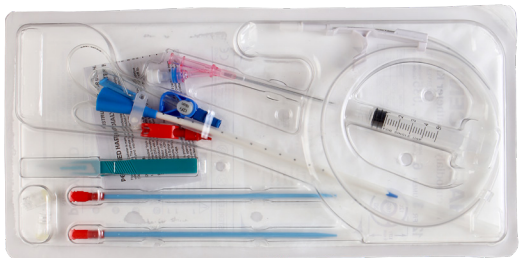
Y-Introducer needle



Graduation markings

Kit Contents

- Indwelling catheter
- Y-Introducer needle with valve
- J-tip nitinol guide wire
- Dilators 2 nos.
- Luer lock syringe
- Scalpel



Haemodialysis Catheter Kit

Specification

Variants	Catheter		Dilator	Guidewire
	Size	Length (cm)		
	Straight & Curved Extension		OD	Diameter (inch) x Length (cm)
Double Lumen	11.5FR	13/15	12FR &10FR	0.035x50/70
	12FR	13/16	12FR &10FR	0.035x50/70
Triple Lumen	12FR	13/16	12FR &10FR	0.035x50/70

A.V. Fistula Needle

90030-90235

- Siliconised ultra thin walled & sharp beveled back eyed needle minimizes trauma
- Flexible butterfly wings for proper fixation
- With fixed/rotating wing
- Fistula needle length: 25 mm
- Tube length: 30 cm
- Shelf Life: 60 months
- Sizes: 15, 16, & 17G



Haem-O-Line

70155-70156

Blood Lines

- DEHP Free; Safe for dialysis patients due to no leaching of plasticizers
- Guarded access ports - Large butterfly shaped guarded access ports in arterial & venous line ensures reduced infection risk
- Appropriate volume ensure fewer intradialytic events
- Soft and kink resistant tubing
- Variants: Pre & Post Pump
- Shelf Life: 60 months



Transducer Protector

70158

- Membrane pore size- 0.2 micron
- Nature of membrane- hydrophobic
- Monitors the internal pressure and prevents contamination
- Serration profile provided in design for better grip
- EO sterile and Non-Pyrogenic
- Housings designed to withstand pneumatic pulsing
- Reducing potential patient-to-patient contamination
- Clear throughout design to allow monitoring
- Shelf Life: 60 months



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 the incision
- The trocar and the tip of the catheter are perfectly matched to facilitate atraumatic insertion
- Latex flash bulb on the junction unit for additional medication
- Shelf Life: 60 months
- Sizes: Adult and Paediatric



Peritoneal Dialysis Transfusion Set

90360

- Y-shaped set for administration of dialysis fluid
- Provides continuous fluid movement with quick change over of fluid bottles
- Shelf Life: 60 months



Haemocheck

Blood Collection Tubes



Serum Gel Tube

Ref. Code	Draw Volume	Cap Colour	Tube Size (In mm)	Additive	Packaging (Tray Pack)
84031	3.5 ml	Gold	13 x 75	Gel + Clot Activator	100 pcs.
84050	5.0 ml	Gold	13 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.



Serum Tube

Ref. Code	Draw Volume	Cap Colour	Tube Size (In mm)	Additive	Packaging (Tray Pack)
80040	4.0 ml	Red	13 x 75	Clot Activator	100 pcs.
80060	6.0 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.



K2 EDTA Tube

Ref. Code	Draw Volume	Cap Colour	Tube Size (In mm)	Additive	Packaging (Tray Pack)
82020	2.0 ml	Lavender	13 x 75	K2EDTA, 3.6 mg	100 pcs.
82030	3.0 ml	Lavender	13 x 75	K2EDTA, 5.4 mg	100 pcs.
82040	4.0 ml	Lavender	13 x 75	K2EDTA, 7.2 mg	100 pcs.
82050	5.0 ml	Lavender	13 x 100	K2EDTA, 9 mg	100 pcs.
82060	6.0 ml	Lavender	13 x 100	K2EDTA, 10.8 mg	100 pcs.
82100	10.0 ml	Lavender	16 x 100	K2EDTA, 18 mg	100 pcs.

Description:

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

Haemocheck

Blood Collection Tubes



Glucose Estimation Tube

Ref. Code	Draw Volume	Cap Colour	Tube Size (In mm)	Additive	Packaging (Tray Pack)
89255	2.0 ml	Grey	13 x 75	Sodium Fluoride + Na2EDTA, 6 mg	100 pcs.
83062	3.0 ml	Grey	13 x 75	Sodium Fluoride + Na2EDTA, 9 mg	100 pcs.

Description:

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



Heparin Tube

Ref. Code	Draw Volume	Cap Colour	Tube Size (In mm)	Additive	Packaging (Tray Pack)
85040	4.0 ml	Green	13 x 75	Sodium Heparin	100 pcs.
88040	4.0 ml	Green	13 x 100	Lithium Heparin	100 pcs.

Description:

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



CPDA Tubes

Ref. Code	Draw Volume	Cap Colour	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.

Haemocheck

Blood Collection Tubes



Citrate Tubes (Double Wall)

Ref. Code	Draw Volume	Cap Colour	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.



ESR Tube

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

Description:

Contains 3.8% buffered sodium citrate for westergren sedimentation rate determination.

88220

Standard Needle Holder

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



Blood Collection Needles

88260-88265

Haemoflash

Flashback Needle

- Instant flashback to ensure successful needle placement



Flashback



Ref. Code	88263	88260	88264	88261	88262
Sizes	21G x 1"	21G x 1.5"	22G x 1"	22G x 1.5"	21G x 1.5"

88110-88150

Multi Sample Needle



Ref. Code	88110	88120	88130	88140	88150
Sizes	20G x 1.5"	21G x 1"	21G x 1.5"	22G x 1"	22G x 1.5"

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

Viral Transport Medium

- 3 ml viral transport medium in 10 ml stand tube, one nasopharyngeal swab and one throat swab
- Made of Hanks Balanced Salt Solution and contains protective protein, antibiotics to control microbial fungal contamination and buffers to control the pH
- The medium also contains a cryoprotectant which helps in preserving the viruses if specimens are frozen for prolonged storage
- The swab has a flexible plastic shaft that is designed for ease of use. This plastic shaft is attached with soft polyester / rayon / dacron / nylon strands that result in efficient specimen collection resulting in higher viral yields which helps in maximizing the sensitivity of serological and molecular detection assays
- The swab has a breakpoint which allows the swab to be broken easily
- Tube dimension: 16 mm X 100 mm
- Media: 3 ml



91300

Blood Collection Systems

70090-70147

Haemofusor Set

Blood Administration Set with Airvent

- The special priming filter ensures that the line fills automatically (auto prime) thus maintains a closed system
- "Y" injection port designed for intermittent medication
- DEHP Free
- Latex Free



70130-70144

Transvol Set

Blood Administration Set without Airvent

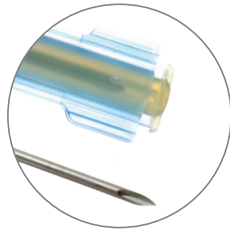


Common Features

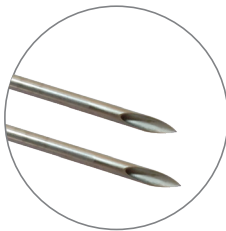
- For transfusion of blood or blood components
- Transparent & flexible drip chamber
- Approximately 20 drops/ml
- Soft and kink resistant PVC tubing
- With 200 micron blood filter

Blood Bag Systems

70010-70053



Tamper evident needle protective cover



New Siliconised ultra thin wall needle



Advance double sided sealing



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-Size	
150 ml	
Paediatric Bag-Size	
350 + 100 ml x 4	450 + 100 ml x 4
ACD Bag-Sizes	
250 ml, 500 ml	

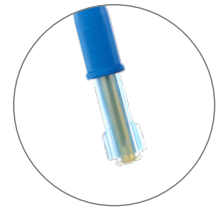
Common Features

- 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 extends the shelf life of whole blood / PRBC upto 35 days
- CPD-SAGM solution extends shelf life of PRBC upto 42 days

Blood Bag with Safety Device & Sampling Bag

71000-71038

- Blood bag with safety needle shield enhances safety against the 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 donor. The rest of the blood, free from the impurities is collected in the main bag
- Pre-attached luer adapter is being provided with sampling bag to have safe in-line multiple sampling from 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 variants**



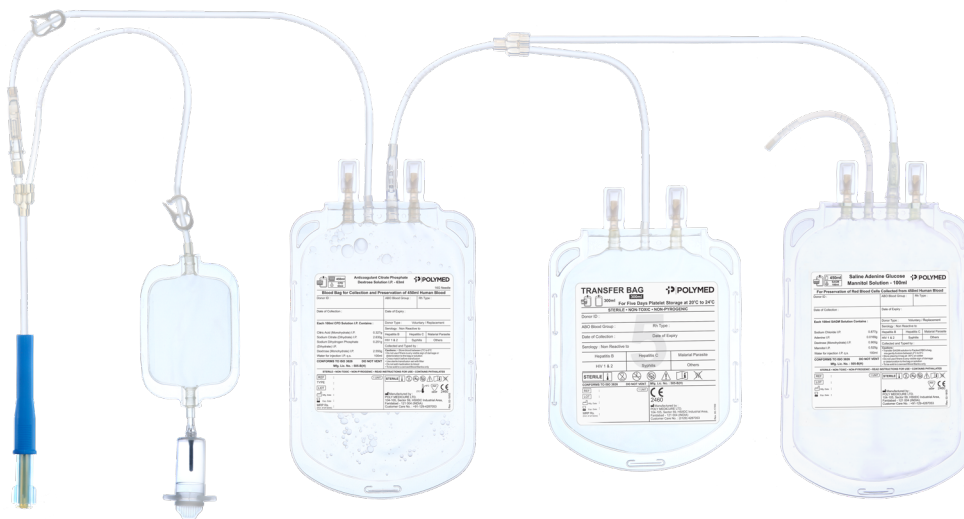
Needle
Safety Guard



Sampling Bag



Pre-attached
Luer Adapter

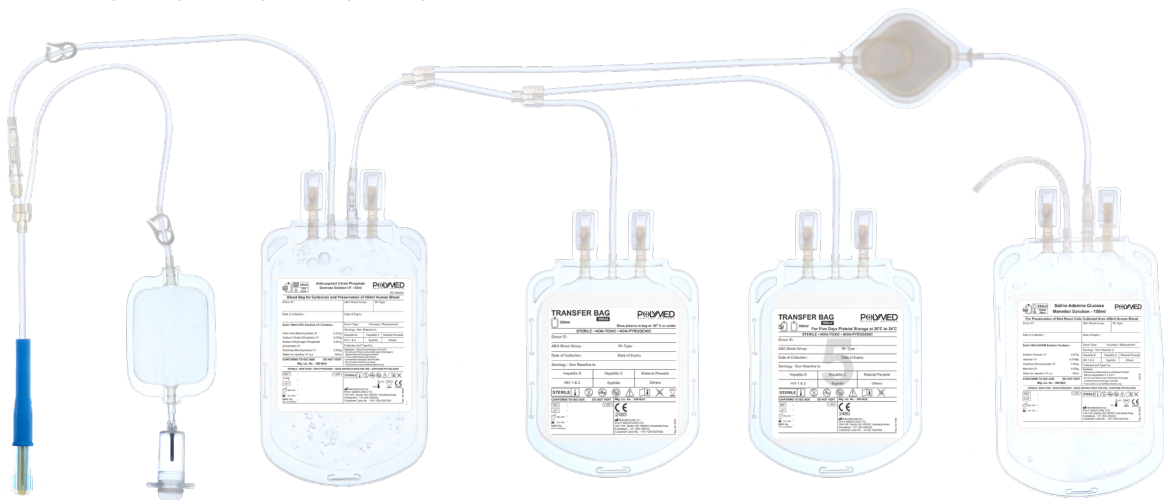


Blood Bag with In-Line Leuko-Depletion Filter

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
- Available in triple, quadruple & quintuple variants

Leuko-Depletion
Filter



Top & Bottom Extraction Bag System

73000-73024

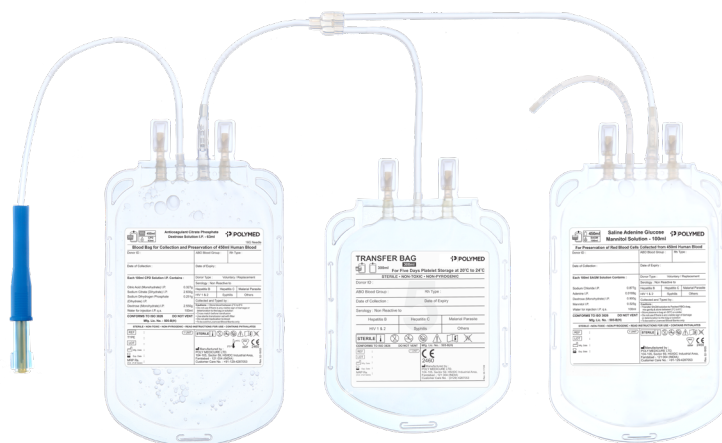
- Quality blood components in the form of Red Blood Cells, Plasma and Platelets can be collected from whole blood
- Reduced cost of production of quality blood components
- Available in Triple, Quadruple & Quintuple blood bag systems



CPD-SAGM-TOTM Bag System

72000-72017

- Additive solution containing combinations of Saline, Adenine, Glucose and Mannitol (SAGM) provides extended shelf life of PRBC 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 22-24 degree celsius
- Reduced density of red blood cell concentrate on addition of SAGM solution allows better flow property 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



Haemodraw

13118

Segment Device

- Single use, in-vitro diagnostic device
- Reduces risk of sharp injuries to lab professionals while using scissors' technique
- Avoids cross-contamination of samples by scissors' method thereby protecting the integrity of samples
- Reduces sample splattering while segment piercing via inbuilt needle
- Suitable to fit in most commercially available vials (10mm and 12mm diameter plastic and glass vials)
- Additional cap feature avoids blood exposure/spillage after removal of device from the vials

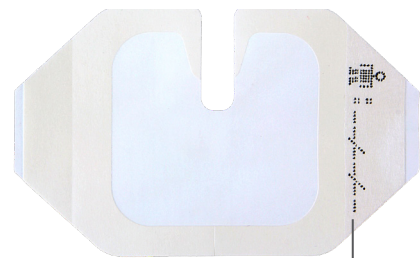


Novoguard

90655

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



Recording Label

Vaso Clamp

90220

Umbilical Cord Clamp

- Specially designed clamp prevent 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



Arterial Blood Collection Syringe

91329

- Reducing the burden on the paramedical staff of manually preparing the ABC syringes
- Spray-dried calcium-balanced lithium heparin improves accuracy and consistency, allowing clinicians to make more confident therapeutic decisions
- Contains 80 I.U (3ml) of Spray-dried calcium-balanced lithium heparin to get effective anticoagulation of blood (under the limits according to IFCC guidelines)
- The spray-dried calcium-balanced lithium heparin avoids any dilution error
- Electrolyte balanced dry heparin minimizes the bias on positive ions like Ca^{2+} , Na^{+} and K^{+}
- Tip cap seals the syringe for safe transportation

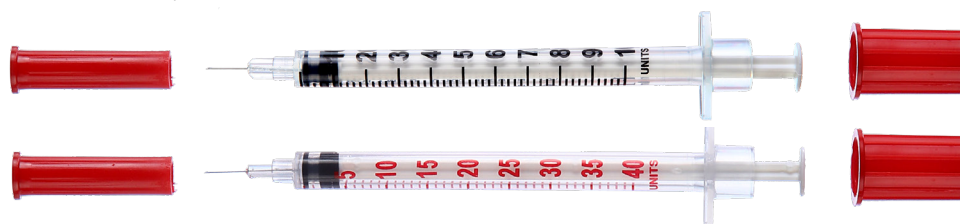


Ref Code	Syringe Volume	Heparin Unit	Recommended Fill Volume
91328	1ml	30 I.U	0.6ml
91329	3ml	80 I.U	1.6ml

Insulin Syringes

51010-51060

- Ideal sharpness for less pain and more comfort
- Advanced Uni-Body design
- Low dead space design ensures dosage accuracy and minimum wastage of drugs
- Clear transparent barrel and bold marking facilitates proper drug delivery
- Single use syringes with integrated Nuovo-Fine needle
- Non allergic, Latex free
- **Options Available :** Unit pack
Multi pack of 10 units



Insulin Syringes Sizes :

Unit Pack Code	Multi Pack Code	Nominal Capacity	Strength of Insulin	Needle Gauge	Needle Length	Color Code of Top & Bottom Cap
51140	51110	1 ml	U-40	29G	13 mm	Red
51150	51120	1 ml	U-40	30G	8 mm	Red
51160	51130	1 ml	U-40	31G	8 mm	Red
51040	51010	1 ml	U-100	29G	13 mm	Orange
51050	51020	1 ml	U-100	30G	8 mm	Orange
51060	51030	1 ml	U-100	31G	8 mm	Orange

ECG Electrodes

91546

- Effective Adhesion
- Easy to Fix & Remove
- Tear drop design
- Latex Free
- PVC Free
- Size: 4.5 x 4.2 cm



CVP Manometer

13350-13351

- Specially designed to measure and monitor continuous or intermittent, Central Venous Pressure
- Manometer tube with graduations marked from - 4 cm to + 34 cm and attached to three way stopcock
- 120 cm long extension tube is fitted with female luer lock on one end and male luer lock on the other end for safe connection to Central Venous Catheter
- Sliding indicator is provided to record reading







India Medical Device Leader of the Year 2022 by Govt. of India

The Next 500
Companies
2023
by Fortune
India

Best Company
for Technology
Innovation in
Healthcare
2023 by
ASSOCHAM

Acknowledged
as one of
the "Top 50
Innovative
Companies in
India"
by CII

Dare
to Dream
Award
2018
by
Zee Business

Top
Exporter
Award for
12 years
by
PLEXCONCIL

Medical Device
Company
of the Year
2018
by Govt. of
India

Delivering Quality Medical Devices every day
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