



# Prymax Healthcare LLP





## ABOUT US

Prymax Healthcare LLP was established in 2015 . Our headquarters & Manufacturing unit are located in Faridabad, Haryana India.

We are an ISO 13485:2016 and CE-certified company manufacturing products under the "Make in India" initiative. We always seek new technologies aiming to produce practical products with good quality and trendy designs.

We, Prymax Healthcare LLP are a leading manufacturer in the field of medical devices for Cardiac Surgery , Pressure Monitoring , Anaesthesia Critical Care , Respiratory , and Dialysis Products. We have been consistently providing practical solutions to healthcare across more than 45 countries. Prymax Healthcare LLP is a 90% Export Oriented Unit committed to serving world-class products through our innovative and revolutionary product designs, with the overall objective of providing full value to our global customers.

The state-of-the-art manufacturing set up of Prymax Healthcare LLP is equipped with in-house Designing, Finishing & Packaging. A well-dedicated and professionally managed team is always on discretion to provide world-class service support to its customers in the most effective and efficient manner.

We identify the needs & gaps of our customers and create new service touch points by pioneering innovative medical disposable for them as per their exact requirements.

Why do our customers always stay with us?

We believe in fostering relationships with a lasting impact and recognize customer satisfaction as integral to the larger business cycle. It inspires us to adopt a more customer-centric approach in our deliverable management processes and thereby acquire, retain, and grow our business. Above all, it enables our customers to put their faith in us and create bonds that develop into lasting relationships over the long haul.



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# PrymaX Perfusion

Customised Perfusion System

## Customised Perfusion Systems

### HEART LUNG PACK/ HEART LUNG PACK WITH COATED TUBING

Class VI implant tested tubing

Non-kinking, transparent, clear tubing

Options of clear or colour stripes Red/ Blue/ Green/ Yellow, DEHP free

High quality Heart Lung packs can be customized for individual requirement for various cardiac surgical procedures for Adult, Pediatric and Infant.

Options of components include: Gas line filter, Arterial filter, SpO<sub>2</sub> monitoring, Tubing organizer, Sucker, LV Vents



#### Ordering Information:

PHLP-1017 : Standard

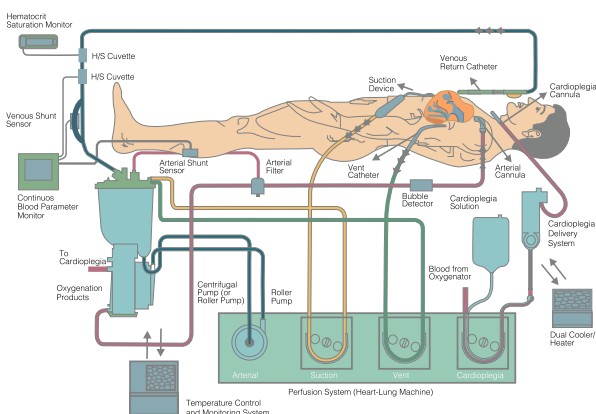
Std. Pack with Arterial Filter

Contact for non obligatory drawings/ quotes/samples.

Additional components can be added per requirements.

## ILLUSTRATIVE REPRESENTATION OF EXTRA-CORPORAL

### ARTERIAL FILTER



## Ordering Information:

Product Code	Filter
PAF-A7	Adult arterial filter with connections 3/8 inlet & outlet
PAF-A7L	Arterial filter with connections 3/8 inlet & outlet with bypass loop
PAF-A7LP	Adult arterial filter with connections 3/8 inlet & outlet with bypass loop & purge line
PAF-P3	Peadiatric arterial filter with connections 3/8 inlet & outlet
PAF-P3L	Peadiatric arterial filter with connections 3/8 inlet & outlet with bypass loop
PAF-P3LP	Peadiatric arterial filter with connections 3/8 inlet & outlet with bypass loop & purge line
PAF-1.5	Infant arterial filter with connections 1/4 inlet & outlet
PAF-1.5L	Infant arterial filter with connections 1/4 inlet & outlet with bypass loop
PAF-1.5LP	Infant arterial filter with connections 1/4 inlet & outlet with bypass loop & purge line

### Specifications: Adult Filter

- 40 µm Polyster screen filter
- Max. blood flow 7 L/min.
- Priming volume of 160 ml.
- Excellent air handling
- Excellent visibility & easy priming.

### Specifications: Pead. Filter

- 40 µm Polyster screen filter
- Max. blood flow 3 L/min.
- Priming volume of 100 ml.
- Excellent air handling
- Excellent visibility & easy priming.

### Specifications: Infant Filter

- 40 µm Polyster screen filter
- Max. blood flow 1.5 L/min.
- Priming volume of 30 ml.
- Excellent air handling
- Excellent visibility & easy priming.

## CARDIOPLEGIA DELIVERY SET

- Heat Exchanger Pleatal type
- Class VI implant tested tubing
- Integrated Heat exchanger with bubble trap
- Priming volume 35 ml
- High Cooling efficiency
- Easy set-up & priming
- Non-toxic & pyrogen free
- Blood inlet-outlet connection -1/4"
- Built in bridge for choice of 100% Blood or 100% Cardioplegia solution delivery
- Heat Exchanger Coil
- Delnido Model Available



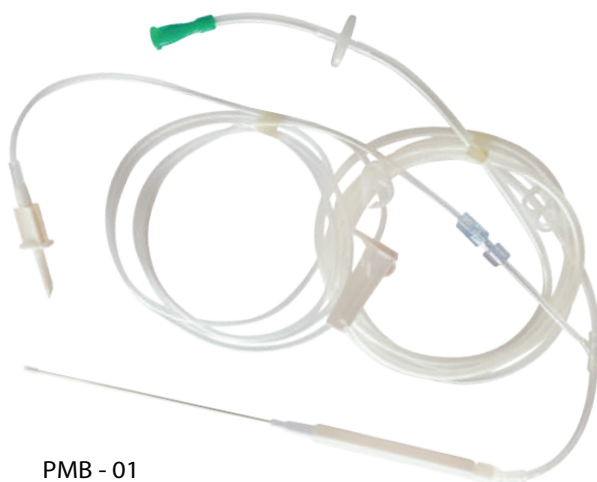
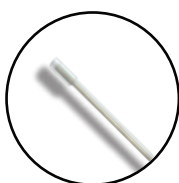
PCD - 1002,1003, 1033

## MISTER/BLOWER

- Advanced fluid/gas mixing technology for controlled delivery of CO<sub>2</sub> and saline during off-pump surgery
- Consistent & predictable blood clearing mist
- Improved visibility at anastomosis and surgical site
- Class VI implant tested tubing, DEHP Free
- Only blower cannula without tubing and set available

### Ordering Information:

Blower with tubings and fluid set



PMB - 01

PERFUSION ACCESSORIES

Y Connector

Sizes		
A	B	C
1/4	x 1/4	x 1/4
1/4	x 3/8	x 3/8
1/4	x 3/16	x 3/16
3/8	x 1/4	x 1/4
3/8	x 3/8	x 1/4
3/8	x 3/8	x 3/8
3/16	x 3/16	x 3/16
1/2	x 1/4	x 1/4
1/2	x 3/8	x 1/4
1/2	x 1/2	x 1/4
1/2	x 1/2	x 3/8
1/2	x 1/2	x 1/2
1/2	x 3/8	x 3/8

Y Connector  
with Luer Lock

Sizes		
A	B	C
1/4	x 1/4	x 1/4
3/8	x 1/4	x 1/4
3/8	x 1/4	x 3/8
3/8	x 3/8	x 3/8
3/16	x 3/16	x 3/16
1/2	x 3/8	x 3/8
1/2	x 1/2	x 3/8
1/4	x 3/16	x 3/16
1/2	x 3/8	x 1/4

Straight Connector

Sizes	
A	B
1/4	x 1/4
1/4	x 3/16
3/8	x 1/4
3/8	x 3/8
3/16	x 3/16
1/2	x 1/2
1/2	x 3/8
1/2	x 1/4

Straight Connector  
with Luer Lock

Sizes	
A	B
1/4	x 1/4
3/8	x 3/8
3/16	x 3/16
1/2	x 1/2
1/2	x 3/8
3/8	x 1/4
1/4	x 3/16

Straight Connector  
with male Luer

Size: 1/4  
CodePSC - 4ml



PYC -



PYC -



PSC -



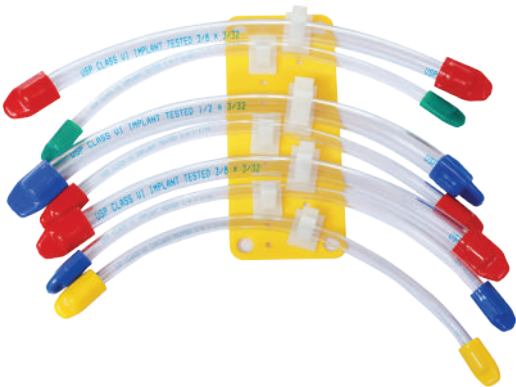
PSC -



PSC -

Tubing Organiser

Code: PTO-01



Perfusion Tubing

Sizes		
Tubing	Wall Thickness	Length
1/8	x 1/16	10Ft
1/4	x 1/16	12Ft
3/8	x 3/32	10Ft
3/16	x 1/16	10Ft
3/16	x 3/64	10Ft
1/2	x 3/32	10Ft



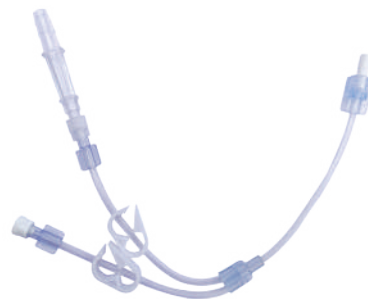
Customised tubes also available upon request.

## Cardioplegia Perfusion Adapters

Code : PCA-01



Code : PCA-02A



Code : PCA-02B



Code : PCA-03



Purge Line  
PPL-01



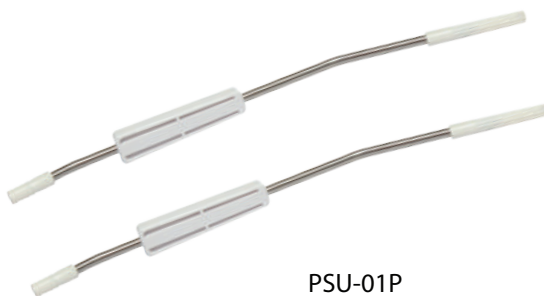
## RIGID SUCTION TUBES

### SUCKER ADULT

These suction tubes feature a comfortable hand grip. The tip shaft is made from rigid stainless steel. The Macro Sucker has a fluted pool tip to maximize suction and minimize tissue trauma.



PSU-01A



PSU-01P

### SUCKER PEDIATRIC

The Sucker Pediatric has a soft, vented tip designed to clear blood from the anastomotic site with gentle suction.

#### Important Safety Information

Care and caution should be taken to avoid damage to vessels and cardiac tissue during cannulation or other cardiac surgery procedures.



ARTERIAL CANNULA

One Piece body, Straight or Curved tip, available with connector acceptance, vented connector or non-vented connector. An adjustable or fixed depth ring together with tip & depth line precise position of all cannula.



Pediatric- 20 cm length		
Straight Tip Part No.	Curved Tip Part No.	Specification
PAC-S10	PAC-C10	10Fr
PAC-S12	PAC-C12	12Fr
PAC-S14	PAC-C14	14Fr
PAC-S16	PAC-C16	16Fr
PAC-S18	PAC-C18	18Fr

Adult-20 cm length		
PAC-S20	PAC-C20	20Fr
PAC-S22	PAC-C22	22Fr
PAC-S24	PAC-C24	24Fr
PAC-S26	PAC-C26	26Fr

ARTERIAL CANNULA WITH WIRE REINFORCED

One piece and wire reinforced body. Straight or Curved tip, available with connector acceptance, vented connector or non-vented connector.

A fixed ring with tip and depth line permits precise position of cannula.

Pediatric- 21 cm length		
Straight Tip Part No.	Curved Tip Part No.	Specification
PAC-S16 WR	PAC-C16 WR	16Fr
PAC-S18 WR	PAC-C18 WR	18Fr

Adult-24 cm length		
PAC-S20 WR	PAC-C20 WR	20Fr
PAC-S22 WR	PAC-C22 WR	22Fr
PAC-S24 WR	PAC-C24 WR	24Fr



ARTERIAL CANNULA PEDIATRIC ONE-PIECE

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

Vented Part No.	Non-vented Part No.	Specification
PAC-08V	PAC-08 NV	08Fr
PAC-10V	PAC-10NV	10Fr
PAC-12V	PAC-12NV	12Fr
PAC-14V	PAC-14NV	14Fr
PAC-16V	PAC-16NV	16Fr
PAC-18V	PAC-18NV	18Fr

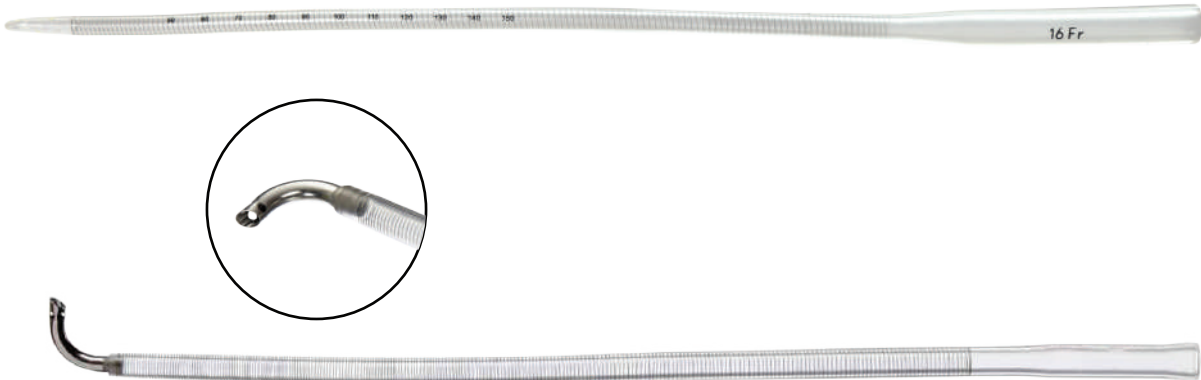


VENOUS CANNULA

Single stage, wire reinforced wall.

Round Body Part No.	Oval Body Part No.	Specification
PVC-SS14 RB	PVC-SS14 OB	14Fr
PVC-SS 16 RB	PVC-SS16 OB	16Fr
PVC-SS18 RB	PVC-SS18 OB	18Fr
PVC-SS 20 RB	PVC-SS20 OB	20Fr
PVC-SS 22 RB	PVC-SS22 OB	22Fr
PVC-SS 26 RB	PVC-SS26 OB	26Fr
PVC-SS 26 RB	PVC-SS26 OB	26Fr

Round Body Part No.	Oval Body Part No.	Specification
PVC-SS 28 RB	PVC-SS28 OB	28Fr
PVC-SS 30 RB	PVC-SS30 OB	30Fr
PVC-SS 32 RB	PVC-SS32 OB	32Fr
PVC-SS 34 RB	PVC-SS34 OB	34Fr
PVC-SS 36 RB	PVC-SS36 OB	36Fr
PVC-SS 38 RB	PVC-SS38 OB	38Fr





Metal Tip Body Part No.	Specification
PVC-SS14 MT	14Fr
PVC-SS 16 MT	16Fr
PVC-SS18 MT	18Fr
PVC-SS 20 MT	20Fr
PVC-SS 22 MT	22Fr
PVC-SS 26 MT	26Fr
PVC-SS 26 MT	26Fr

Metal Tip Body Part No.	Specification
PVC-SS 28 MT	28Fr
PVC-SS 30 MT	30Fr
PVC-SS 32 MT	32Fr
PVC-SS 34 MT	34Fr
PVC-SS 36 MT	36Fr
PVC-SS 38 MT	38Fr

VENOUS CANNULA

Two stage, wire reinforced wall.

Part No.	Specification
Normal Body	
PVC-TS32/40 RB	32/40 Fr
PVC-TS34/46 RB	34/46 Fr
PVC-TS36/46 RB	36/46 Fr
PVC-TS36/51 RB	36/51 Fr



CORONARY ARTERY OSTIAL CANNULA

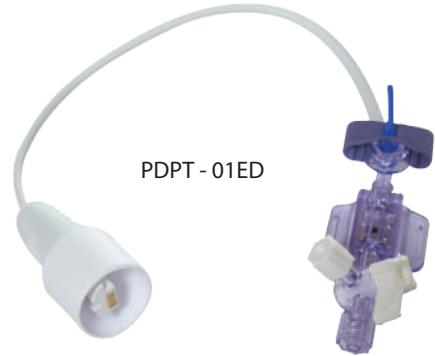
These cannula feature flanged, radiopaque basket tips or soft silicon tips attached to large bore. Malleable stainless stell shafts. All cannula have a female Luer connection site.



45° Tip Part No.	90° Tip Part No.	Specification
PCA-10A45	PCA-10A90	10 Fr
PCA-12A45	PCA-12A90	12 Fr
PCA-14A45	PCA-14A90	14 Fr

### INVASIVE BLOOD PRESSURE TRANSDUCER

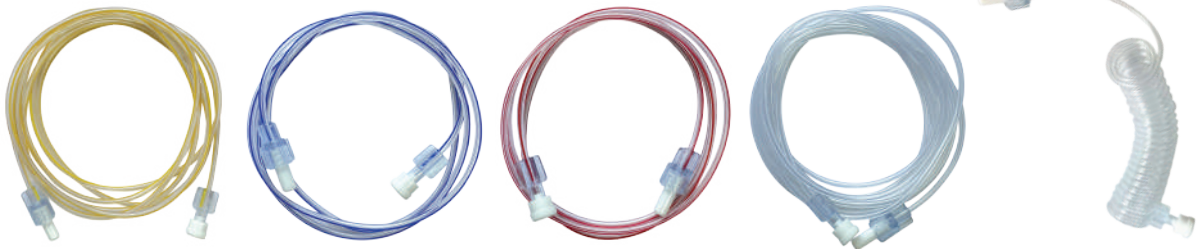
Integrated unit for clinical accuracy  
Dual Mode of flushing: Controlled squeeze & Snap-tab  
Completely transparent for ease of priming and debubbling  
Available with flushing of 3cc/hr  
Easy Zeroing



PDPT - 01ED

### ANCILLARY PRODUCTS

Pressure Monitoring Lines  
Choice of length from 4" to 100"  
Choice of colour - Red, Blue, Yellow & Transparent  
Minimum Priming Volume  
ID 1.27 mm x OD 2.79 mm  
Paediatric Pressure Monitoring Lines  
Spiral Pressure Monitoring Line also Available



PPM-S60  
PPM-S80

Low Prime Lines  
Extension Lines (with or without stopcock)  
DEHP Free tubing



PEX 04

PEX 40

PEX 60

PEX 80

PSC-W



### Extension Line With Needle Free Connector



### PRESSURE MONITORING KITS

Choice of standard Single, Double and Triple kits  
 Custom Design kit as per user specifications and requirement  
 Option of Closed loop blood sampling kit available including  
 needleless sampling site  
 DEHP Free tubing

Contact for non-obligatory schematic design / samples

#### SCHEMATIC DESIGN OF

**PMK-S01 (Standard Single Kit)**

Variants available-

PMK-S01ED(Pressure Monitoring Kit Single)

**PMK-D01 (Standard Double Kit)**

Variants available-

PMK-D01ED(Pressure Monitoring Kit Double)

PMK-DO2(Pressure Monitoring Kit Double)

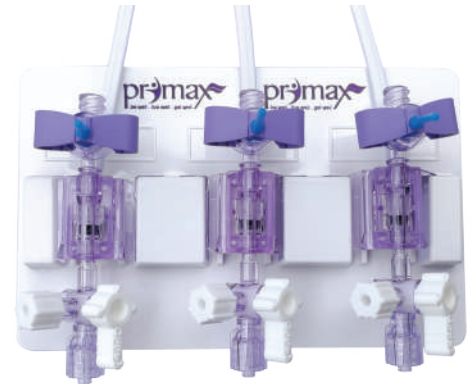
PMK-DO3(Pressure Monitoring Kit Double)

PMK-D04(Pressure Monitoring Kit Double)

**PMK-T01 (Standard Triple Kit)**

Variants available-

PMK-T01ED(Pressure Monitoring Kit Triple)

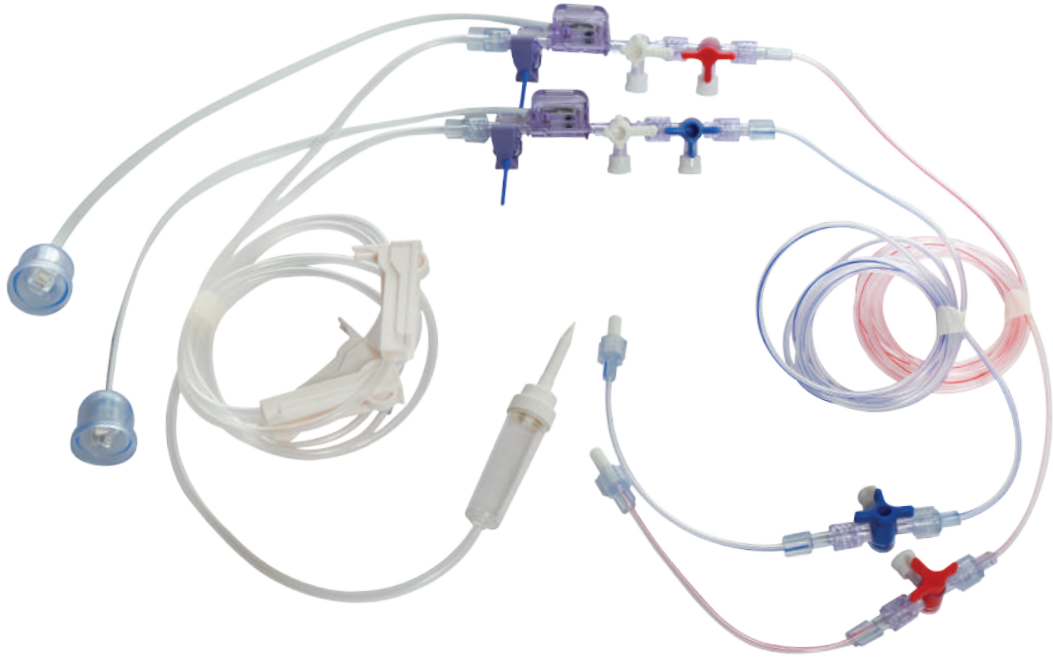


### STANDARD PRESSURE MONITORING KITS

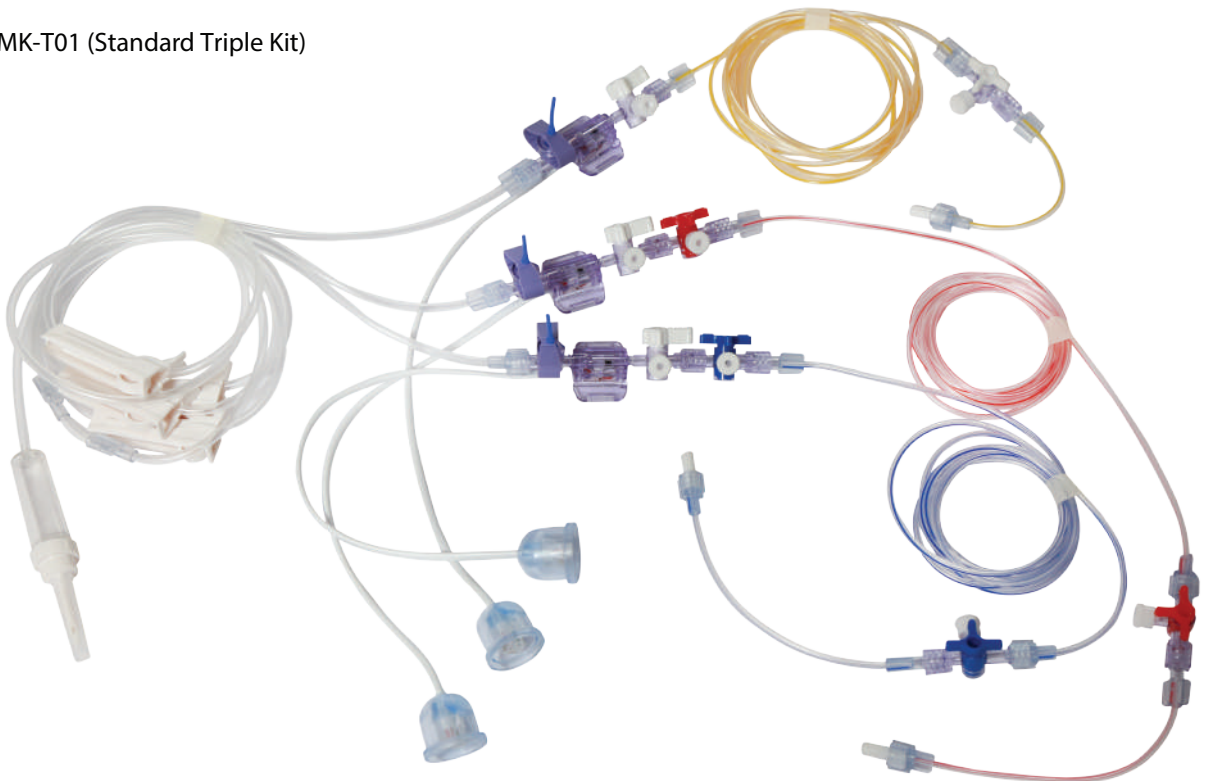
PMK-S01 (Standard Single Kit)



PMK-D01 (Standard Double Kit)



PMK-T01 (Standard Triple Kit)



Also available with provision of self sealing port / Sampling port for close loop blood sampling to prevent blood loss and infection.



## I.V. FLOW REGULATOR EXTENSION SET

Common features for 1011 & 1051

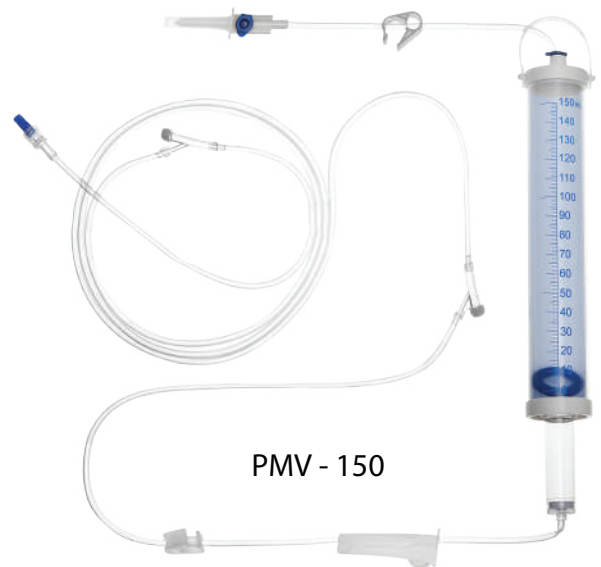
- Precise flow rate control of IV fluids with range of 5 to 250 ml/hr
- With "Y" injection port (latex or latex free) for intermittent medication
- Also available with thumb support "Y" injection port and Needle free "Y" site
- Soft & kink resistance PVC tubing
- Male luer connector at one end and female luer connector at other end
- Standard tube length : 20 cm without "Y" site & 40 cm with "Y" site
- Tube dia : I Ø 3.0 mm, O Ø 4.1 mm



## BURETTE SET

### Measured Volume Fluid Administration Set

- Transparent, soft, cylindrical & calibrated measured volume chamber with bold marking scale
- Bacteria retentive air inlet
- Injection port for intermittent medication
- Automatic shut off valve prevents air trapping in the fluid line once the measured volume chamber is empty, and it also indicates the level of liquid
- 15u space minimise fluid filter to reduces particulate matter
- Approximately 60 drops/ml
- Soft and kink resistant PVC tubing
- Standard tube length : 150 cm
- Tube dia : I Ø 3.0 mm. & O Ø 4.1 mm
- Available in size: 110 ml, 150 ml



PMV - 150

## I.V SET

- I.V Infusion set with air vent and integrated three way stop cock
- Approximately 20 drops/ml
- With long Drip Chamber



PIS-V01

# Pryma X Cathe

Central Venous Catheters

## Central Venous Catheters

- Central Venous Catheter made of specially formulated and biocompatible 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 & beveled 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
- Sufficiently radio-Opaque material of catheter with clear, definite marking facilitates correct placement of catheter tip
- Sterile ready for use
- Individually tray packed

## OUTSTANDING PERFORMANCE PROFILE FOR AN EFFICIENT TREATMENT

### Four Lumen

Specially Designed Soft & Conical Tip ensures Atraumatic, Safe & Easy Insertion



### Triple Lumen

Biocompatible P U material is stiff & non kinking at roomtemperature, but softens at body temperature.



### Double Lumen

Radiopaque catheter & length markings ensures accurate placement.



### Single Lumen

Full range of Adult, Pediatric & Infant CVC Kits are available.



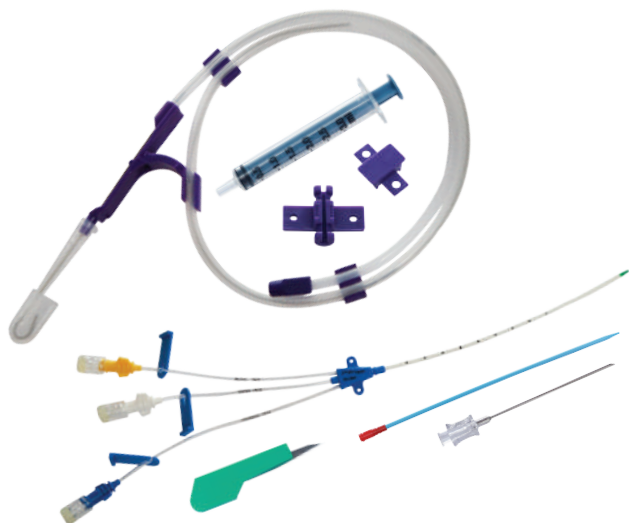


## COMPONENTS OF STANDARD KIT

Kink resistant Nickel-Titanium Guidewire with soft & flexible J - tip offers better torque which helps in easy insertion & prevents vessel perforation.

Wires are Double Distal.

2 piece design of guidewire advancer.



CVC kits are available with options of std. Needle, Needle with Back Flow valve & Introducer Syringe.

Nickel-Titanium Guidewire

### Complete set of CVC kit consist of:

- Indwelling catheter
- Y-Introducer needle with check valve
- J-Tip guide wire
- Vessel dilator
- Luer lock syring
- Scalpel
- Catheter holder
- Catheter holder clamp
- Injection cap
- Extension Line Clamp
- Guiding Syringe/LOR Syringe (Optional)



Introducer Needle



Y Needle



Introducer Syringe

### Ordering Information

	Catheter Size Ga/Fr	Lumen Ga	Gather Length cms	Dilator Fr	Guide Wire Nickle Titanium Double Distal	with Std. Needle	with Y Needle Std. Syringe	with Std. Needle Introducer Syringe
Single Lumen Catheter				P/N	P/N	P/N/Catheter Size		
1 Lumen 22Ga 13cm	22Ga/2Fr	22	13	4	0.018x50 cm	PCVC-22G01-13	-	PCVC-22G01-13IS
1 Lumen 20Ga 13cm	20Ga/3Fr	20	13	4	0.018x50 cm	PCVC-20G01-13	-	PCVC-20G01-13IS
1 Lumen 18Ga 20cm	18Ga/4Fr	18	20	5	0.018x50 cm	PCVC-18G01-20	-	PCVC-18G01-20IS
1 Lumen 16Ga 16cm	16Ga/5Fr	16	16	7	0.032x60 cm	PCVC-16G01-16	PCVC-16G01-16YN	PCVC-16G01-16IS
1 Lumen 16Ga 20cm	16Ga/5Fr	16	20	7	0.032x60 cm	PCVC-16G01-20	PCVC-16G01-20YN	PCVC-16G01-20IS
1 Lumen 14Ga 20cm	14Ga/6Fr	14	20	8	0.032x60 cm	PCVC-14G01-20	PCVC-14G01-20YN	PCVC-14G01-20IS

Double Lumen Catheter

2 Lumen 4Fr 6cms	4 Fr	20,22	6	5	0.018x50 cms	PCVC-402-6	-	PCVC-402-6IS
2 Lumen 4Fr 8cms	4 Fr	20,22	8	5	0.018x50 cms	PCVC-402-8	-	PCVC-402-8IS
2 Lumen 4Fr 13cms	4 Fr	20,22	13	5	0.018x50 cms	PCVC-402-13	-	PCVC-402-13IS
2 Lumen 5Fr 8cms	5 Fr	18,20	8	6	0.018x50 cms	PCVC-502-8	-	PCVC-502-8IS
2 Lumen 5Fr 13cms	5 Fr	18,20	13	6	0.018x50 cms	PCVC-502-13	-	PCVC-502-13IS
2 Lumen 7Fr 16cms	7 Fr	14, 18	16	8	0.035x 50 cms	PCVC-702-16	PCVC-702-16YN	PCVC-702-16IS
2 Lumen 7Fr 20cms	7 Fr	14, 18	20	8	0.035x 50 cms	PCVC-702-20	PCVC-702-20YN	PCVC-702-20IS

Triple Lumen Catheter

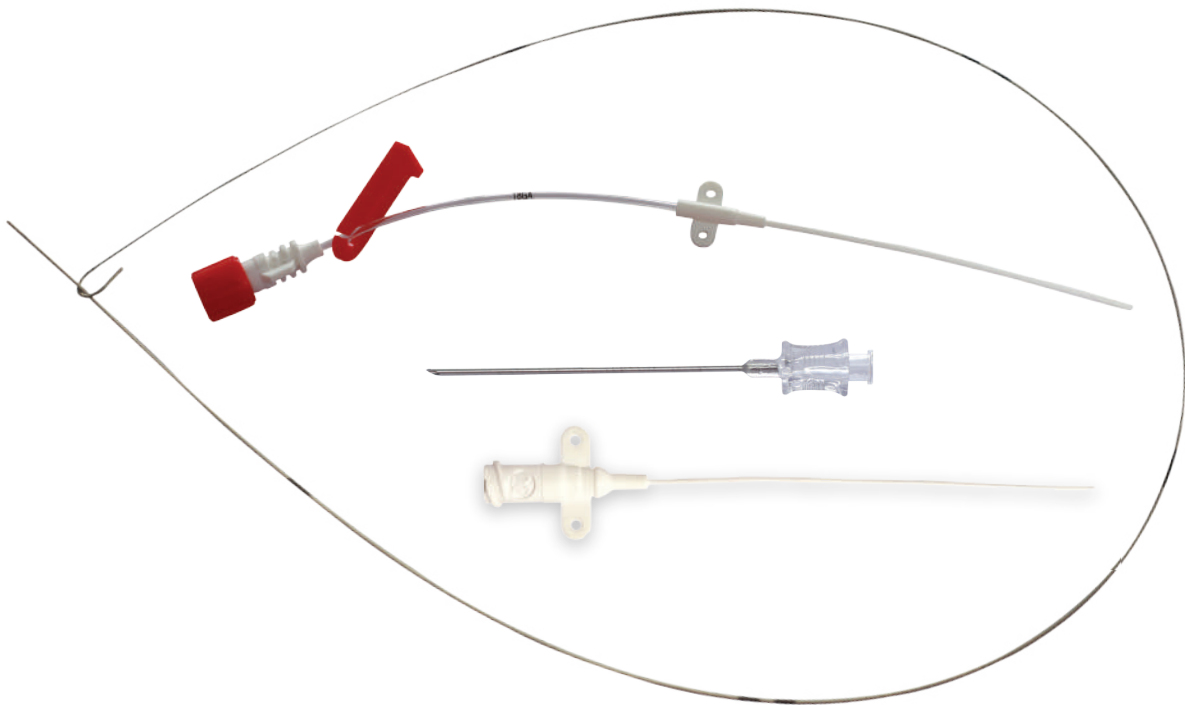
3 Lumen 4.5Fr 6cms	4.5 Fr	20,22,22	6	5	0.018x 50 cms	PCVC-4.503-6	-	PCVC-4.503-6IS
3 Lumen 4.5Fr 10cms	4.5 Fr	20,22,22	10	5	0.018x 50 cms	PCVC-4.503-10	-	PCVC-4.503-10IS
3 Lumen 5.5Fr 6cms	5.5 Fr	20,22,22	6	6	0.021x 50 cms	PCVC-5.503-6	-	PCVC-5.503-6IS
3 Lumen 5.5Fr 8cms	5.5 Fr	20,22,22	8	6	0.021 x 50 cms	PCVC-5.503-8	-	PCVC-5.503-8IS
3 Lumen 5.5Fr 13cms	5.5 Fr	20,22,22	13	6	0.021 x 50 cms	PCVC-5.503-13	-	PCVC-5.503-13IS
3 Lumen 7Fr 10cms	7 Fr	16,18, 18	10	8	0.035x 50 cms	PCVC-703-10	PCVC-703-10YN	PCVC-703-10IS
3 Lumen 7Fr 13cms	7 Fr	16,18, 18	13	8	0.035x 50 cms	PCVC-703-13	PCVC-703-13YN	PCVC-703-13IS
3 Lumen 7Fr 16cms	7 Fr	16,18, 18	16	8	0.035x 50 cms	PCVC-703-16	PCVC-703-16YN	PCVC-703-16IS
3 Lumen 7Fr 20cms	7 Fr	16,18, 18	20	8	0.035x 50 cms	PCVC-703-20	PCVC-703-20YN	PCVC-703-20IS

Four Lumen Catheter

4 Lumen 8.5Fr 10cms	8.5 Fr	14,16,18,18	10	9	0.035x 50 cms	PCVC-8.504-10	PCVC-8.504-10YN	PCVC-8.504-10IS
4 Lumen 8.5Fr 13cms	8.5 Fr	14,16,18,18	13	9	0.035x 50 cms	PCVC-8.504-13	PCVC-8.504-13YN	PCVC-8.504-13IS
4 Lumen 8.5Fr 16cms	8.5 Fr	14,16,18,18	16	9	0.035x 50 cms	PCVC-8.504-16	PCVC-8.504-16YN	PCVC-8.504-16IS
4 Lumen 8.5Fr 20cms	8.5 Fr	14,16,18,18	20	9	0.035x 50 cms	PCVC-8.504-20	PCVC-8.504-20YN	PCVC-8.504-20IS

Option of Needle-less valve is also available in place of Injection port  
Packaging: 5 Kits/ Box

Arterial Catheter kit



## Application

- Monitor invasive arterial blood pressure
- Collect blood sample
- Infusion drug and solution

## Characteristics

- The tube is good biocompatibility and it is convenient for catheter placement due to stiff catheter.
- Standard Seldinger Technique
- Catheter and guidewire are protected by sheath
- Nitinol guidewire is available
- Straight introducer needle configuration is available

## Specification

Catheter diameter	Catheter lenght
Without Extension	
16Ga	16,20cm
18Ga	10,20cm
20Ga	06,08,10,20cm
With Extension	
22Ga	04,06,08,10,20cm

NOTE : Sizes are available with or without extension

## Catheter for radial arterial pressure monitoring

Prymax Arterial Catheter is a semi transparent, x-ray visible catheter made of pressureresistant polyethylene that delivers constant pressure transmission even for extended dwell times.

The catheter and insertion needle have the same diameter, meaning that catheter placement is largely atraumatic.

## Set contents:

- Catheter
- Naturally echogenic needle
- Safety guidewire with a straight, flexible tip



### Interventional Cardiology Systems

#### COMPONENTS

##### Manifold

Choice of 2, 3 or 4 Core  
Options of colour handle  
Clear material for easy detection of bubbles  
Large bore for maximum flow 500 PSI  
Variants available on request.

##### Ordering Information

	On Handle	Off Handle
4 Core	PMF-4RN	PMF-4RF
3 Core	PMF-3RN	PMF-3RF
2 Core	PMF-2RN	PMF-2RF



##### Control Syringe

Choice of 10cc, 12cc or 20cc capacity  
Low friction hub  
Without Ring Handle (PCS-10LL)  
Bold marking for correct measurement of dosage  
Finger grips for one hand operation  
Rotating male luer lock

##### Ordering Information

10cc	PCS-10RL
12cc	PCS-12RL
10cc	PCS-10LL
20cc	PCS-20RL



##### Contrast Line

Customised sets available upon

##### Ordering Information

PIS-SV01



##### High Pressure Line

Choice of length from 10, 24", 36" or 48", 80"  
Braided P U material, 1200 PSI rating  
Rotating male luer lock

##### Ordering Information

10"	PHT-10
24"	PHT-24
48"	PHT-48
36"	PHT-36
80"	PHT-80



Guide Wires

Variety of guide wires available in following variants:  
O.D. : 0.018", 0.021", 0.025", 0.032", 0.035", 0.038"  
Length : 45cm, 60cm, 70cm, 150cm, 260cm  
Material : Stainless steel wires with PTFE coated and  
Non coated, Marked Nitinol  
Tip : J tip, Straight



Ordering Information

For guide wire - Length 260cm, PTFE coated

	0.032"	0.035"	0.038"
JTip	PGW-32J150 PGW-32J260	PGW-35J150 PGW-35J260	PGW-38J150 PGW-38J260
Straight Tip	PGW-32S150 PGW-32S260	PGW-35S150 PGW-35S260	PGW-38S150 PGW-38S260

For Nitinol guide wire

	0.035"
JTip	PGW-35J50 PGW-35J70
Straight Tip	PGW-35S50 PGW-35S70

The Hydrophilic wires also available upon request.

Introducer Needle

Highly precise, atraumatic bevel tip  
needle

Ordering Information

18Gx7cm PIN-18G4  
20Gx4cm PIN-20G4  
21Gx4cm PIN-21G4



Hemostasis Y: Push-Pull /  
Rotating /Click type

Large bore  
Compatible with catheters from 4Fr  
upto 9Fr and guide wires from 0.014" to  
0.038" dia Rated pressure 480 PSI

Ordering Information

Hemostasis Y Standard - PHYL -S 01  
Hemostasis Y Click Type - PHYL -C 02  
Hemostasis Y Push/Pull - PHYL - P03  
  
- PHYL - CE01

Spcl. feature of Click Y  
Septum can be used in OPEN, SEMI  
OPEN and FULL CLOSED position



CUSTOMISED EXTENSION LENGTHS AVAILABLE UPON REQUEST

### Torque Device

Perfect grip for easy manipulation of guidewire

### Ordering Information

PTD-01



Torque Device

### Blunt Needle

Insertion Tool/Blunt Needle

### Ordering Information

20GX10cm PIN-B20G10



## CATHLAB KITS

Pre-assembled kits for the convenience & quick set during cathlab procedures Customised as per procedural needs & cathlab protocols.



### Ordering Information/Contents

PAK-01	Angio Kit (Manifold 3 core R/on, Contrast Media Set-02nos, PM Line Clear 50cm &100cm, Control Syringe 12ml, Torque Device, Blunt Needle, Hemostasis Y Rotating)
PAK-02	Angio Kit (Manifold 2 core R/on, IV Set N.V, PM Line Clear 50cm &100cm, Syringe 10ml LL & Luer Slip)
PAK-03	Angio Kit (Extension Line with Threeway 25cm, Torque Device, Blunt Needle, Hemostasis Y Click Type)
PAK-04	Angio Kit (Torque Device, Blunt Needle, Hemostasis Y Rotating)
PAK-05	Angio Kit (Torque Device, Blunt Needle, Hemostasis Y Click)
PAK-06	Angio Kit ( Extension Line with Threeway 25cm, Torque Device, Blunt Needle, Hemostasis Y Push-Pull)



PAK-07	Angio Kit (Inflation Device, Torque Device, Blunt Needle, Hemostasis Y Rotating)
PAKT-08	Angio Kit ( Extension Line with Threeway 25cm, Hemostasis Y Click Type)
PAKT-09	Angio Kit ( Extension Line with Threeway 25cm, Torque Device, Blunt Needle)
PAKT-10	Angio Kit (Manifold 3 core R/on, IV Set N.V-02nos, PM Line Clear 120cm, Syringe 10ml LL)
PAK-11	Angio Kit ( Extension Line with Threeway 50cm, Torque Device, Blunt Needle, Hemostasis Y Click Type)
PAK-12	Angio Kit (Torque Device, Blunt Needle, Hemostasis Y Push-Pull)

(Other Customised kits also available upon request)

## INFLATION DEVICE

### Inflation Device

Is perfect for a wide array of applications such as ballon catheterization, stent deployment and fluid delivery.

### Smart Design

Its stable design and ergonomic handle make it easy to control.

The quick latch mechanism allows for one-handed deflation, even at full pressure

The clear barrel provides medical staff with a precise view of the content and volume allowing the user to observe the purging of the bubbles.

- Broad Applications
- Peripheral
- Urological
- Neurology
- Biliary
- ENT
- Cardiology
- Radiology
- Gastrointestinal
- Orthopedics
- Pulmonary



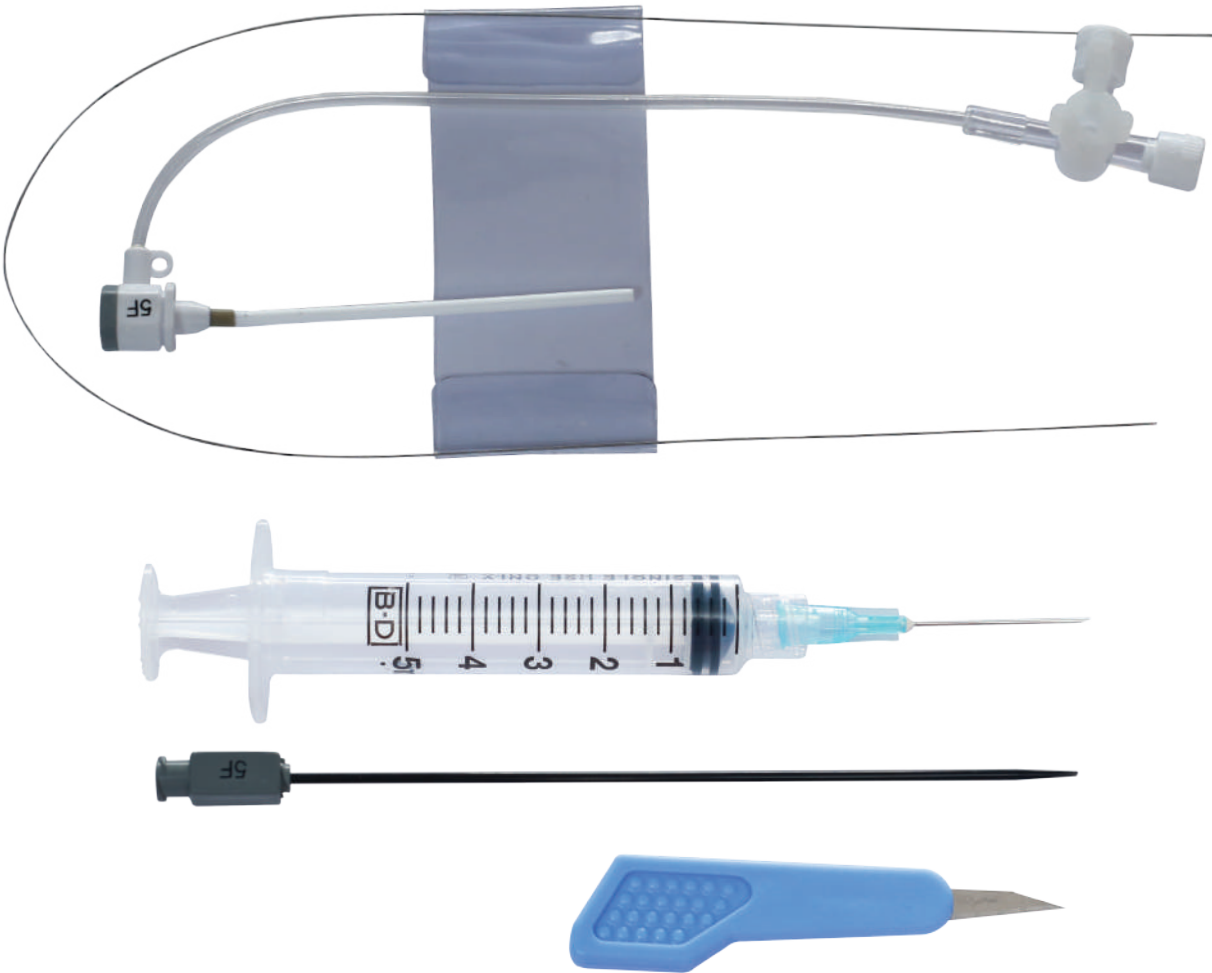
INTROD UCER SET

FEMORAL											
Size	Colour	Sheath			Dilator		Needle		Guidewire		Part No
		OD mm	ID mm	Length cm	Size guage	Length cm	Size guage	Length cm	Size inch	Length cm	
9F	BLACK	3.96	3.07	11	9F	15.0	18	7.0	0.035	45	PISF-9F18G35SS
8F	BL UE	3.58	2.74	11	8F	15.0	18	7.0	0.035	45	PISF-8F18G35SS
7F	ORANGE	3.25	2.41	11	7F	15.0	18	7.0	0.035	45	PISF-7F18G35SS
6F	GREEN	2.94	2.15	11	6F	15.0	18	7.0	0.035	45	PISF-6F18G35SS
5F	GRAY	2.64	1.85	11	5F	15.0	18	7.0	0.035	45	PISF-5F18G35SS
4F	VIOLET	2.28	1.49	11	4F	15.0	20	4.0	0.021	45	PISF-4F20G21SS
RADIAL											
6F	GREEN	2.94	2.15	7	6F	13.3	20	4.0	0.021	45	PISR-6F20G21SS
5F	GRAY	2.64	1.85	7	5F	13.3	20	4.0	0.021	45	PISR-5F20G21SS

Dilator locking prevents retrograde movement.

All sets includes syringe of 2.5 ml & surgical blade.

Variants available upon request.



# Pryma X Dialysis

## Dialysis Catheter System

### Dialysis Catheter

#### HEMODIALYSIS CATHETERS

- Polyurethane material.
- Soft, geometrically designed conical tip to ensure easy insertion and prevent catheter related trauma.
- Clear silicon lumen extensions for enhanced visibility and safety.
- Available in Adult & Pediatric Sizes.



#### Specifications & Ordering information

Part No	Dialysis Catheter	Dilator	Guidewire	Scalpel	Needle	Syringe
Straight Extension						
PDC-S108016R	1 Lumen 8F 16cms	9F x10cms	0.035 x 70 cms	11 No. Thumb Blade	18G 7cms	5ml Syringe
PDC-S206511R	2 Lumen 6.5F 11cms	7F x10cms	0.018/0.021 x 50 cms	11 No. Thumb Blade	20G 4cms	5ml Syringe
PDC-S208511R	2 Lumen 8.5F 11cms	9F x10cms	0.035 x 70 cms	11 No. Thumb Blade	18G 7cms	5ml Syringe
PDC-S211513R	2 Lumen 11.5F 13cms	12F x 15cms , 10F X 15cms	0.035 x 70 cms	11 No. Thumb Blade	18G 7cms	5ml Syringe
PDC-S211516R	2 Lumen 11.5F 16cms	12F x 15cms , 10F x 15cms	0.035 x 70 cms	11 No. Thumb Blade	18G 7cms	5ml Syringe
PDC-S211520R	2 Lumen 11.5F 20cms	12F x 15cms , 10F x 15cms	0.035 x 70 cms	11 No. Thumb Blade	18G 7cms	5ml Syringe
PDC-S212013R	2 Lumen 12F 13cms	12F x 15cms , 10F x 15cms	0.035 x 70 cms	11 No. Thumb Blade	18G 7cms	5ml Syringe
PDC-S212015R	2 Lumen 12F 15cms	12F x 15cms , 10F x 15cms	0.035 x 70 cms	11 No. Thumb Blade	18G 7cms	5ml Syringe
PDC-S212016R	2 Lumen 12F 16cms	12F x 15cms , 10F x 15cms	0.035 x 70 cms	11 No. Thumb Blade	18G 7cms	5ml Syringe
PDC-S212020R	2 Lumen 12F 20cms	12F x 15cms , 10F x 15cms	0.035 x 70 cms	11 No. Thumb Blade	18G 7cms	5ml Syringe
PDC-S312013R	3 Lumen 12F 13cms	12F x15cms , 10F x 15cms	0.035 x 70 cms	11 No. Thumb Blade	18G 7cms	5ml Syringe
PDC-S312016R	3 Lumen 12F 16cms	12F x 15cms , 10F x 15cms	0.035 x 70 cms	11 No. Thumb Blade	18G 7cms	5ml Syringe
PDC-S312020R	3 Lumen 12F 20cms	12F x 15cms , 10F x 15cms	0.035 x 70 cms	11 No. Thumb Blade	18G 7cms	5ml Syringe



Curved Extension						
PDC-C206511R	2 Lumen 6.5F 11cms	7F x10cms	0.018/0.021 x 50 cms	11 No. Thumb Blade	20G 4cms	5ml Syringe
PDC-C208511R	2 Lumen 8.5F 11cms	9F x10cms	0.035 x 70 cms	11 No. Thumb Blade	18G 7cms	5ml Syringe
PDC-C211513R	2 Lumen 11.5F 13 cms	12F x 15cms , 10F x 15cms	0.035 x 70 cms	11 No. Thumb Blade	18G 7cms	5ml Syringe
PDC-C211516R	2 Lumen 11.5F 16 cms	12F x 15cms , 10F x 15cms	0.035 x 70 cms	11 No. Thumb Blade	18G 7cms	5ml Syringe
PDC-C211520R	2 Lumen 11.5F 20 cms	12F x 15cms , 10F x 15cms	0.035 x 70 cms	11 No. Thumb Blade	18G 7cms	5ml Syringe
PDC-C212013R	2 Lumen 12F 13 cms	12F x 15cms , 10F x 15cms	0.035 x 70 cms	11 No. Thumb Blade	18G 7cms	5ml Syringe
PDC-C212015R	2 Lumen 12F 15 cms	12F x 15cms , 10F x 15cms	0.035 x 70 cms	11 No. Thumb Blade	18G 7cms	5ml Syringe
PDC-C212016R	2 Lumen 12F 16 cms	12F x 15cms , 10F x 15cms	0.035 x 70 cms	11 No. Thumb Blade	18G 7cms	5ml Syringe
PDC-C212020R	2 Lumen 12F 20 cms	12F x 15cms , 10F x 15cms	0.035 x 70 cms	11 No. Thumb Blade	18G 7cms	5ml Syringe
PDC-C312013R	3 Lumen 12F 13 cms	12F x 15cms , 10F x 15cms	0.035 x 70 cms	11 No. Thumb Blade	18G 7cms	5ml Syringe
PDC-C312016R	3 Lumen 12F 16 cms	12F x 15cms , 10F x 15cms	0.035 x 70 cms	11 No. Thumb Blade	18G 7cms	5ml Syringe
PDC-C312020R	3 Lumen 12F 20 cms	12F x 15cms , 10F x 15cms	0.035 x 70 cms	11 No. Thumb Blade	18G 7cms	5ml Syringe

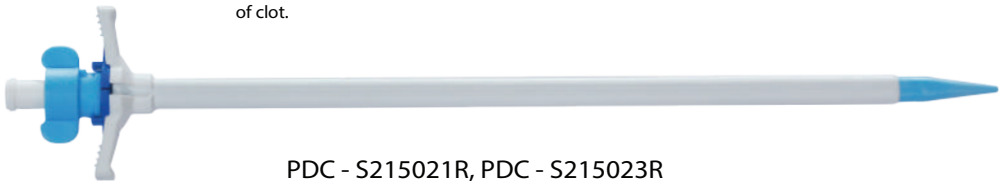
- Option of ordering the catheter individually (Non-kit configuration).
- Above catheters are also available with Introducer Syringe & Y Needle on demand/request.

- Soft, geometrically designed conical tip to ensure easy insertion and prevent catheter related trauma.
- Clear silicon lumen extensions for enhanced visibility and safety.

LONG TERM HEMODIALYSIS CATHETER

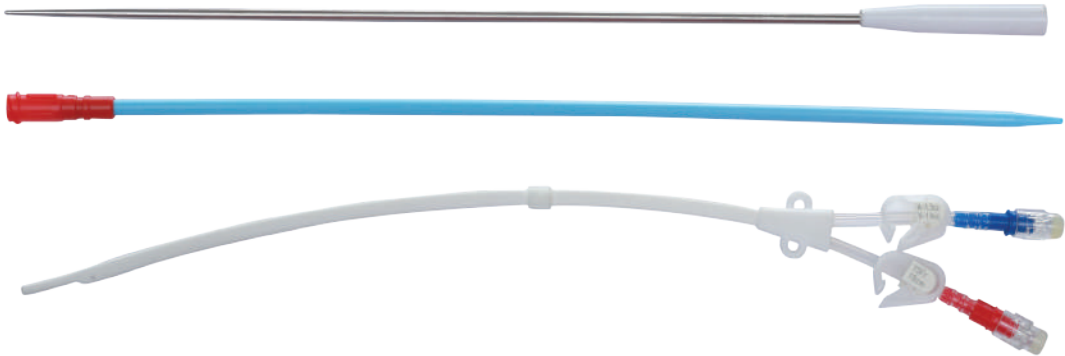
Features & Benefits:

- The Catheter is from premium Silicone, which has excellent biocompatibility.
- The decron cuff can protect immigration of catheter and reduce the chance of CRBI (Catheter Related Bloodstream Infections)
- The silicone material makes catheter more floppy, hence can minimize the trauma to the vein and Reduce The incident of clot.



PDC - S215021R, PDC - S215023R

Available in 3 Sizes - 19cm, 21cm, 23cm  
Cuff to tip Length



Standard Kits include:

1. Silicone Catheter
2. Vessel Dilator
3. Introducer Needle
4. Guide-wire
5. Tunneler (Trocar)
6. Valved Peelable Introducer
7. Heparin Caps
8. Scalpel
9. Syringe

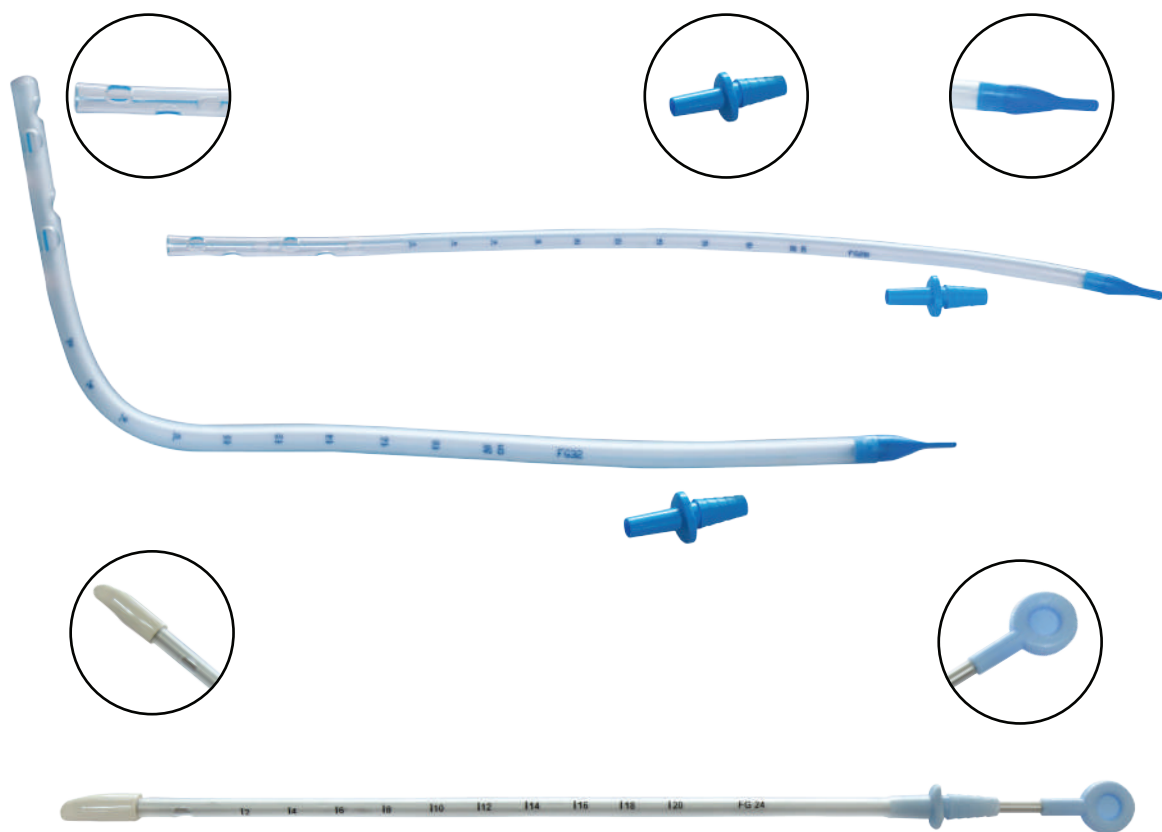


## Surgical Innovations

### THORACIC DRAINAGE CATHETER ANGLED/STRAIGHT WITH TROCAR

#### TDC - Length 45 cm

Sizes (fr)	Straight	Angled	With Trocar
12	PTDC-12	PTDC-12A	PTTC-12
16	PTDC-16	PTDC-16A	PTTC-16
20	PTDC-20	PTDC-20A	PTTC-20
24	PTDC-24	PTDC-24A	PTTC-24
28	PTDC-28	PTDC-28A	PTTC-28
32	PTDC-32	PTDC-32A	PTTC-32
36	PTDC-36	PTDC-36A	PTTC-36



#### Cautery Accessories

Description	Product Code
Cautery Pencil	PCP-03
Cautery tip cleaner	PTC-01
Cautery Pencil with tip cleaner	PCP-TC-03
Cautery plate adult std#2500	PCP-A01



Vessel Loops (Silicon Loops)

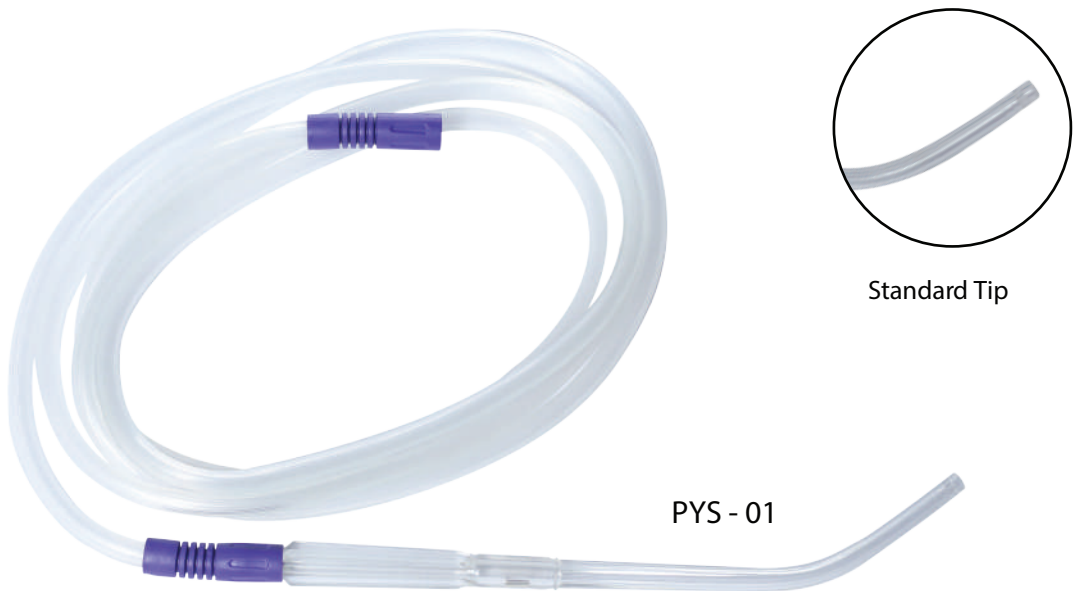
Description	Product Code
Red, Silicon breadth 0.88 x 406mm	PRMN-01
Blue, Silicon breadth 0.88 x 406mm	PBMN-01
Yellow, Silicon breadth 0.88 x 406mm	PYMN-01
White, Silicon breadth 0.88 x 406mm	PWMN-01
Red, Silicon breadth 1.0 x 406mm	PRMX-01
Blue, Silicon breadth 1.0 x 406mm	PBMX-01
Yellow, Silicon breadth 1.0 x 406mm	PYMX-01
White, Silicon breadth 1.0 x 406mm	PWMX-01



SURGERY AND WOUND DRAINAGE

Prymax 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 to tubing to connect Yankaur Handle
- Yankaur Handle is open end with 4 lateral eyes
- Yankaur Handle available in standard or crown tip with or without vacuum thumb control
- Soft and kink resistant ribbed PVC tubing
- Tube length: 210cm, 270cm and 300cm



PYS - 01

Standard Tip



# Pryma X Resp

A Complete Breathing System

## A Complete Breathing System

### LU NG EXERCISER

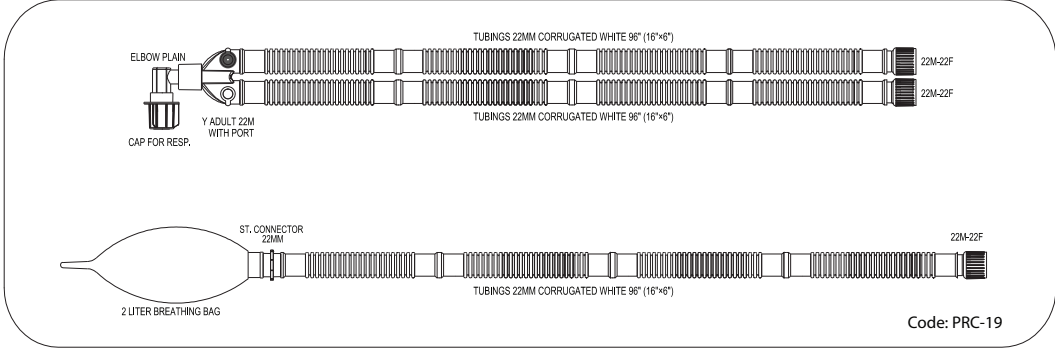
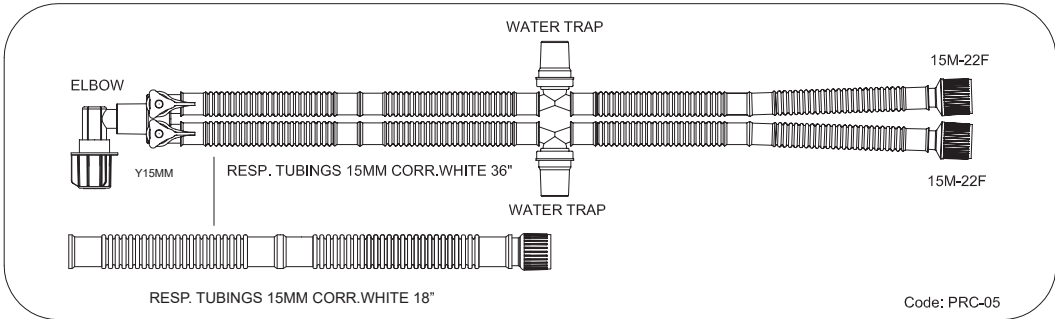
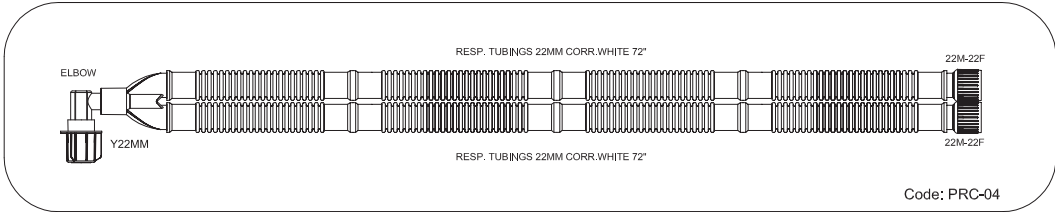
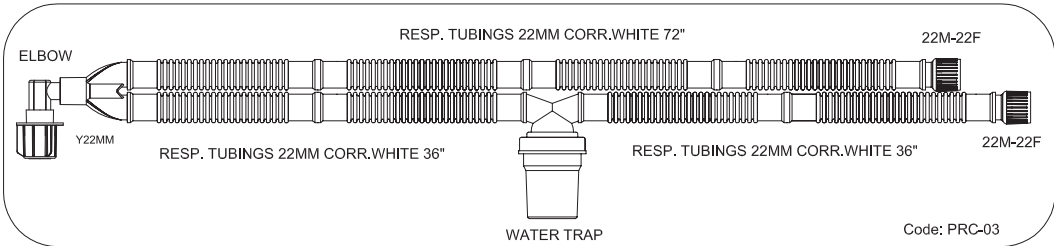
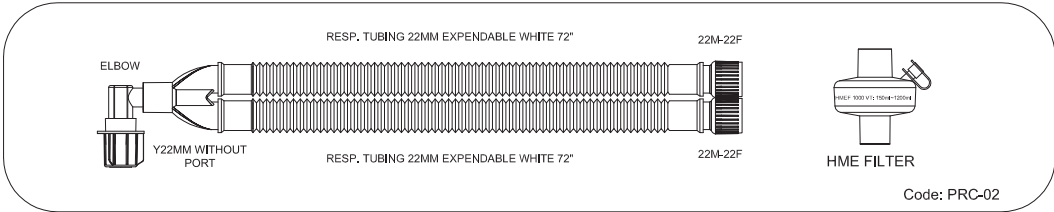
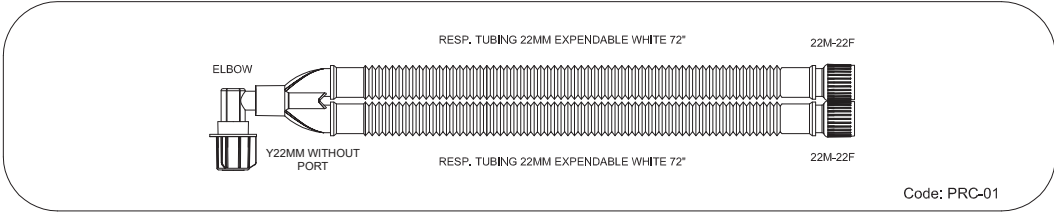


- Innovative system to exercise respiration through inspiration.
- Specially designed with 3 stage chambers to provide more efficient exercise to patient at a step up basis.
- Device is composed of base and central part divided into three chambers containing three small spheres of different size and colour.
- Three spheres rise proportionately to the inspiration exerted.

#### Unit Consists of

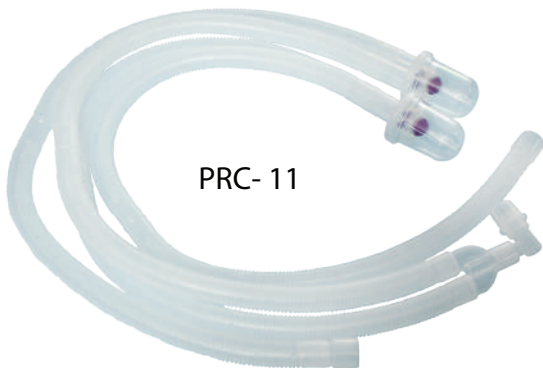
- Transparent main body.
- Base
- Small spheres of Orange, Purple and Green colour.
- Connecting tube with mouth piece.

CUSTOMISED RESPIRATORY CIRCUITS

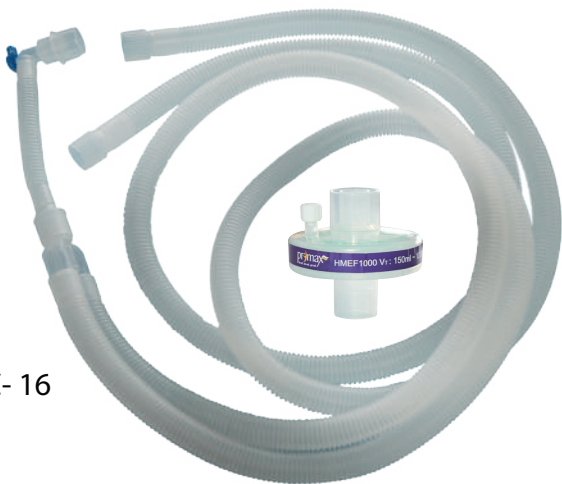


RESPIRATORY CIRCUITS

- Tidal volume range from 200 up to 1500 ml
- Minimal dead space 55ml
- Medical grade PE
- Connectors 15/22 mm / MF for Y Piece
- Connectors 15/22 mm / MF for ETT & Mask
- Standard Length of 6 ft / Customised length available
- Unsterile roll of 22 ft available



PRC- 11



PRC- 16



PCM- 01

HEAT MOISTURE EXCHANGER WITH BACTERIAL VIRAL FILTER

- Hygroscopic Naturally absorbent micro well paper - eliminate the need for an extra humidification filter
- Hydrophobic, Anti- Microbial, Mechanical Polypropylene filter

- Ordering Information
- PRF-A01 (HMEF Adult)
- PRF-P01 (HMEF Pediatric)

Model	HMEF Adult	HMEF Pediatric
Connection	22F/15M, 22M/15F	22F/15M, 22M/15F
Recommended Tidal Volume Range	150-1200ml	60-500ml
Dead Space	33.5ml	20ml
Resistance (cmH <sub>2</sub> O)	at 30L/min 1.5	at 30L/min 2.1
Moisture output	38mg/H <sub>2</sub> O at VT1000	39mg/H <sub>2</sub> O at VT500
Filter Efficiency	BFE 99.99%	BFE 99.99%
	VFE 99.99%	VFE 99.99%
Product Code	PRF-A01	PRF-PO1



Change After Every 24 Hours for better humidification to avoid possibility of cross contamination of secretions  
Choice of Adult, Pediatric and Neonatal Filters



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