



PRECISION TO ENHANCE LIFE...



Precision to Enhance Life...

Invent has been one of the pioneer manufacturers of Vascular Interventional Devices in India. The company has witnessed a change in ownership during the year 2018, after which several important steps have been taken for the company's transformation.

Our continuous focus is on asking ourselves as to how we can add value for our users to improve the quality of patient's life and can improve our value proposition to all the stakeholders. Our endeavor will be to expand our product portfolio while considering to strike balance between quality and affordability.

We continuously evaluate our core competence and encourage innovative ideas and systems. We recognize our employees' skills and believe in offering equal opportunity to all deserving human assets. We are committed to integrate high degree of professionalism & Ethics.

- State of the Art Manufacturing facility located at Sachin near Surat, Gujarat (250 kms from Mumbai)
- World Class Facility capable of producing Interventional Cardiology devices including Drug Eluting Stents
- ISO 13485 Certified Company
- CE Certified Products

QUALITY POLICY

"Our Endeavour is to manufacture and market high quality intravascular medical devices of requisite standards with customer focused activities. We are highly committed to continually comply with the requirements to maintain the effectiveness of the quality management system."



To know more, visit our website www.inventbiomed.com

MISSION

Occupy a prominent place in Global Healthcare arena by producing cost effective Intra Vascular and Critical Care devices, that confirm to International quality of high standard, with focus on research and strategic collaboration to achieve total customer satisfaction.

GUIDER® - ANGIOGRAPHY GUIDE WIRE

FEATURES

- Full length tapered core for excellent pushability - 1:1 transmission from the proximal end to the tip.
- Easy entry into the vessel.
- The high flexible material of guide wire makes it easy to use.

ORDERING INFORMATION : PTFE COATED GUIDE WIRE

CATALOGUE NO.	DIAMETER	LENGTH (CM)	SHAPE TYPE
110601	0.025"	150	STRAIGHT TIP
110602	0.032"		
110603	0.035"		
110604	0.038"		
110605	0.025"	260	
110606	0.032"		
110607	0.035"		
110608	0.038"		

CATALOGUE NO.	DIAMETER	LENGTH (CM)	SHAPE TYPE
110609	0.025"	150	J TIP
110610	0.032"		
110611	0.035"		
110612	0.038"		
110613	0.025"	260	
110614	0.032"		
110615	0.035"		
110616	0.038"		

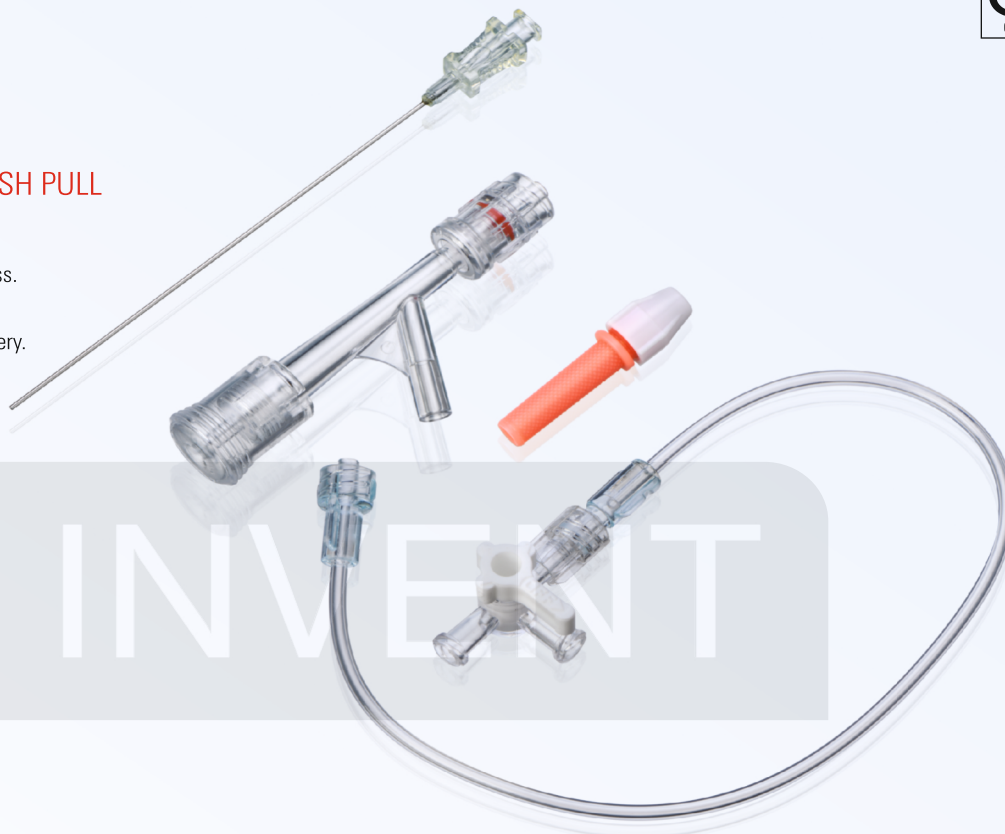
PERFORMER® - PTCA Y CONNECTOR PUSH PULL

FEATURES

- Clean and Safe procedure, effectively minimize blood loss.
- Smooth Push Pull mechanism.
- Provide a smooth channel for interventional device delivery.



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ORDERING INFORMATION

CATALOGUE NO.	CONNECTOR TYPE	PACKAGE TYPE	SIDE ARM LENGTH (CM)
110302	PUSH PULL	Y-VALVE WITH SIDE ARM & STOPCOCK	25
110303	PUSH PULL	WHOLE SET WITH SIDE ARM & STOPCOCK	25
110308	PUSH PULL	Y-VALVE WITHOUT SIDE ARM & STOPCOCK	/
110903	PUSH PULL	WHOLE SET WITHOUT SIDE ARM & STOPCOCK	/

TECHNICAL PARAMETERS

Connector Type : Push-Pull
 Body Materials : Polycarbonate
 Extension Tubing : 25CM

PERFORMER® - PTCA Y CONNECTOR PUSH CLICK

FEATURES

- Effectively minimize blood loss.
- Easy Push Click mechanism allows to operate with one hand.



ORDERING INFORMATION

CATALOGUE NO.	CONNECTOR TYPE	PACKAGE TYPE	EXTENSION LENGTH (CM)
110306	PUSH CLICK	Y-VALVE WITHOUT SIDE ARM & STOPCOCK	/
110307	PUSH CLICK	WHOLE SET WITH SIDE ARM & STOPCOCK	25
110311	PUSH CLICK	Y-VALVE WITH SIDE ARM & STOPCOCK	25
110904	PUSH CLICK	WHOLE SET WITHOUT SIDE ARM & STOPCOCK	/

TECHNICAL PARAMETERS

Connector Type : Push-Click
 Body Materials : Polycarbonate
 Extension Tubing : 25CM

Kit*: Hemostasis Y-Connector Push Click+ Torquer + Blunt Introducer

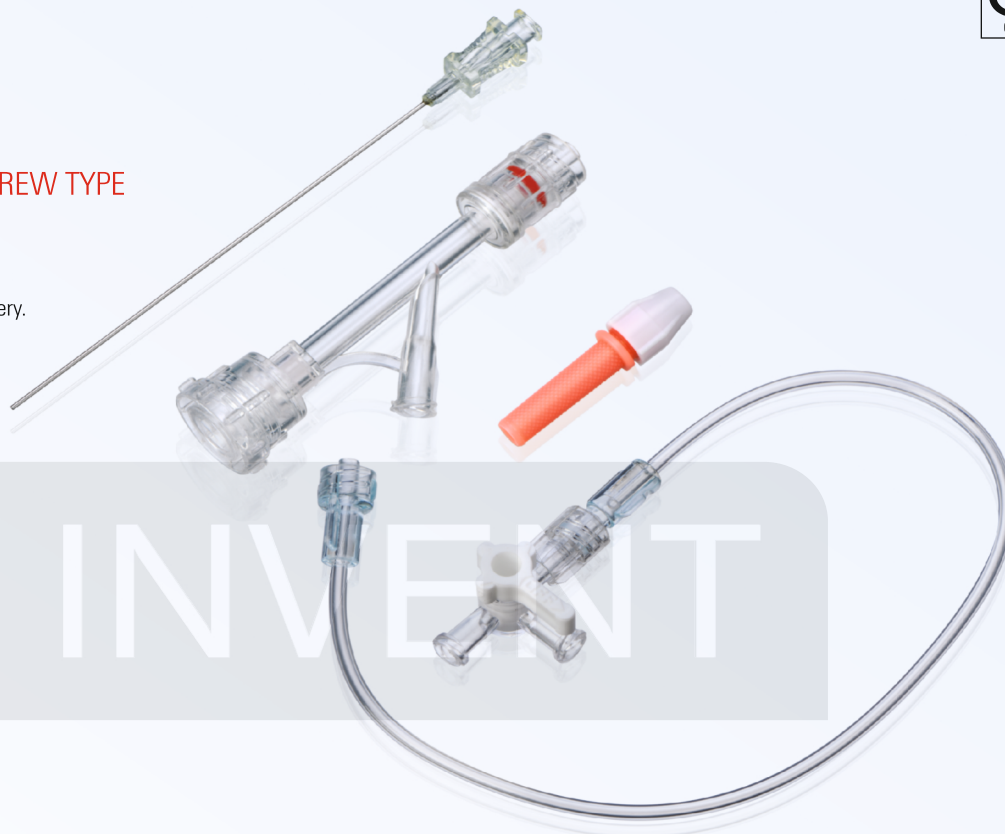
PERFORMER® - PTCA Y CONNECTOR SCREW TYPE

FEATURES

- Large thumb wheel for easy manoeuvrability.
- Provide a smooth channel for interventional device delivery.
- Rotating swivel luer connector.



INVENT



ORDERING INFORMATION

CATALOGUE NO.	CONNECTOR TYPE	PACKAGE TYPE	EXTENSION LENGTH (CM)
110301	SCREW/ROTATING	Y-VALVE WITHOUT SIDE ARM & STOPCOCK	/
110901	SCREW/ROTATING	WHOLE SET WITHOUT SIDE ARM & STOPCOCK	/
110309	SCREW/ROTATING	WHOLE SET WITH SIDE ARM & STOPCOCK	25
110310	SCREW/ROTATING	Y-VALVE WITH SIDE ARM & STOPCOCK	25

TECHNICAL PARAMETERS

Connector Type : Screw Type / Rotating
 Body Materials : Polycarbonate
 Extension Tubing : 25CM

GALAXY - BALLOON INFLATION DEVICE

FEATURES

- Quick latching mechanism.
- Anti-slip body for grip stability during use.
- 20cc syringe with double lip seal.
- Stable ergonomic design.
- Nylon reinforced hose.



ORDERING INFORMATION

CATALOGUE NO.	VOLUME (ML)	PRESSURE (ATM)	PACKAGE TYPE
111205	25	30	INFLATION WITH STOPCOCK
111206	25	30	INFLATION DEVICE KIT

Kit*: Balloon Inflation Device with 3 way stopcock + Hemostasis Y-Connector + Torquer + Blunt Introducer

TECHNICAL PARAMETERS

Display	: Analog / Fluorescent
Pressure	: 30 ATM (440psi)
Barrel Volume	: 25ml
Stopcock	: 3-way with ON / OFF control, 500psi
Extension Tubing	: 33cm, Male Rotating Luer Connector



COMFORT - BALLOON INFLATION DEVICE

FEATURES

- Balloon Inflation Device for reliable and accurate inflation most demanding cases.
- Ergonomically designed, easy to control inflation and deflation procedures.
- Efficient locking mechanism allows maintain pressure and guarantee fast automatic release.
- Accurate reading and reliable.
- Ergonomic design enhances user friendliness.
- Locking design enables safety.

ORDERING INFORMATION

CATALOGUE NO.	VOLUME (ML)	PRESSURE (ATM)	PACKAGE TYPE
111201	20	30	INFLATION WITH STOPCOCK
111202	20	30	INFLATION DEVICE KIT

Kit*: Balloon Inflation Device with 3 way stopcock + Hemostasis Y-Connector + Torquer + Blunt Introducer

TECHNICAL PARAMETERS

Display	: Analog/Fluorescent
Pressure	: 30 ATM (440psi)
Barrel Volume	: 20ml
Stopcock	: 3-way with ON/OFF control, 500psi
Extension Tubing	: 33cm, male rotating Luer connector



GUN - BALLOON INFLATON DEVICE

FEATURES

- Accurate reading, reliable inflation and deflation
- Aesthetic humanized design for smooth operation.
- No leakage upto 30bar pressure
- Smooth Locking design for one handed operation in deflation.

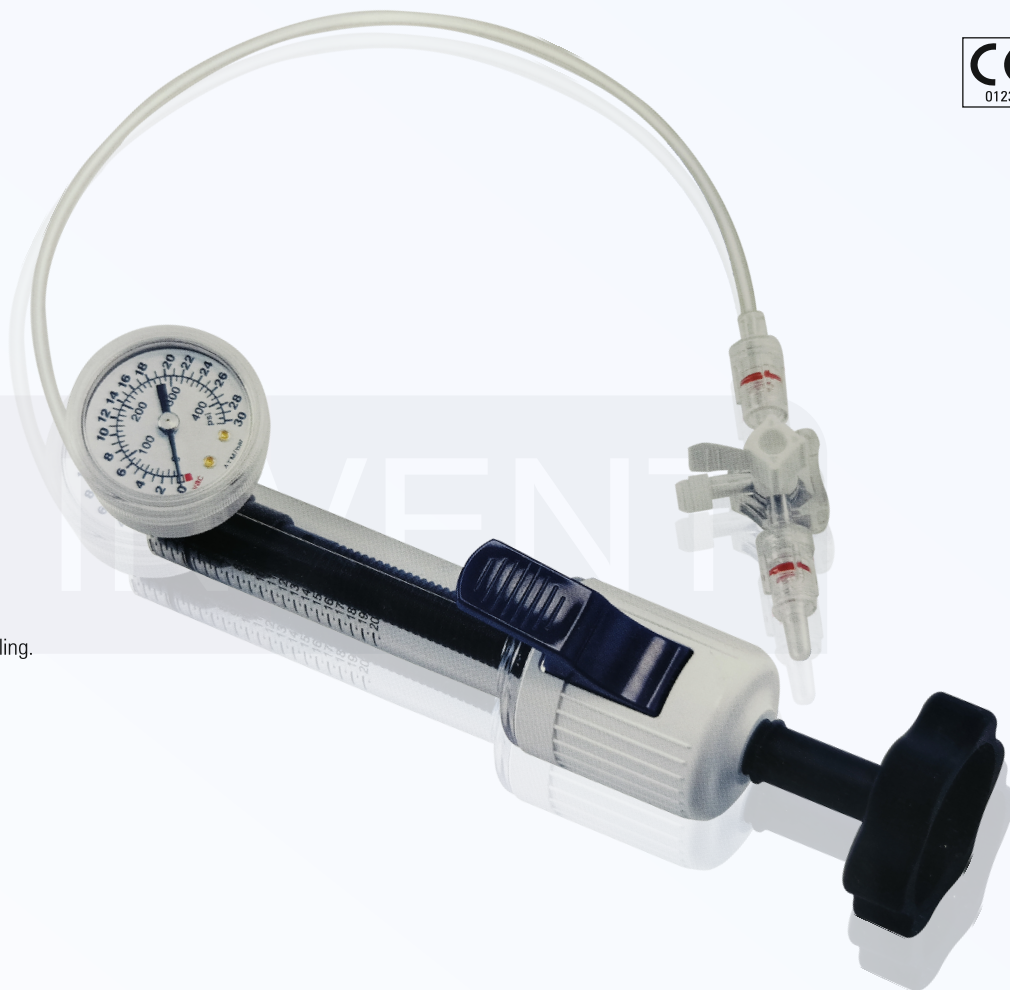
ORDERING INFORMATION

CATALOGUE NO.	VOLUME (ML)	PRESSURE (ATM)	PACKAGE TYPE
111215	20	30	DEVICE WITH STOPCOCK
111216	20	30	INFLATION DEVICE KIT

TECHNICAL PARAMETERS

Display	: Analog/Fluorescent
Pressure	: 30 ATM (440 psi)
Barrel Volume	: 20ml
Stopcock	: 3-way with ON/OFF control, 500psi
Extension Tubing	: 33cm, male rotating Luer connector

Kit*: Balloon Inflation Device with 3 way stopcock + Hemostasis Y-Connector + Torquer + Blunt Introducer



NOVA - BALLOON INFLATION DEVICE

FEATURES

- 90 degree rotating manometer allows convenience in handling.
- 30 ATM pressure gauge.
- 20cc graduated compact syringe.
- Ergonomic design for optimal handling.

ORDERING INFORMATION

CATALOGUE NO.	VOLUME (ML)	PRESSURE (ATM)	PACKAGE TYPE
111207	20	30	INFLATION WITH STOPCOCK
111208	20	30	INFLATION DEVICE KIT

Kit*: Balloon Inflation Device with 3 way stopcock + Hemostasis Y-Connector + Torquer + Blunt Introducer

TECHNICAL PARAMETERS

Display	: Analog
Pressure	: 30 ATM (440psi)
Barrel Volume	: 20ml
Stopcock	: 3-way with ON/OFF control, 500psi
Extension Tubing	: With male rotating Luer connector



Precision to Enhance Life...



PROACCESS® - FEMORAL INTRODUCER SET

FEATURES

- Advanced material improves bendability and flexibility without gapping or kinking.
- Smooth atraumatic arterial sheath & dilator transitions locking hub design.
- Minimized possibility of damaging tissue upon sheath entry, advancement & withdrawal.

TECHNICAL PARAMETERS

Introducer Sheath	: 5F-9F x 11CM-23CM
Guidewire	: 0.038" X 45CM
Introducer Needle	: 18G X 7CM

KIT CONTENTS

Femoral Introducer Sheath	: (1)	Dilator	: (1)
Guide wire	: (1)	Introducer Needle	: (1)

ORDERING INFORMATION

CATALOGUE NO.	SIZE	LENGTH (CM)	GUIDEWIRE	INTRODUCER NEEDLE
111102	5 F	11	0.038"*45CM (STRAIGHT-TIP)	18G x 7.0 CM
111103	6 F			
111104	7 F			
111105	8 F			
111106	9 F			

CATALOGUE NO.	SIZE	LENGTH (CM)	GUIDEWIRE	INTRODUCER NEEDLE
111107	5 F	23	0.038"*45CM (J-TIP)	18G x 7.0 CM
111108	6 F			
111109	7 F			
111110	8 F			
111111	9 F			



PROACCESS® (R) - TRANSRADIAL INTRODUCER SET

FEATURES

- Radio Opaque Sheath and Dilator Performs diagnostic & interventional procedures.
- Special designed lock & silicon hemostatic valve provide outstanding hemostatic function.
- Smooth tapered tip helps with easy access to the artery, reducing trauma to patients.

TECHNICAL PARAMETERS

Introducer Sheath	: 5F-6F X 7CM/11CM
Guidewire	: 0.021" X 45CM
Introducer Needle	: 20G / 21G X 4.0CM

KIT CONTENTS

Transradial Introducer Sheath	: (1)	Dilator	: (1)
Guide wire	: (1)	Introducer Needle	: (1)

ORDERING INFORMATION

CATALOGUE NO.	SIZE	LENGTH (CM)	GUIDEWIRE	INTRODUCER NEEDLE
111702 R	5 F	7	0.021" X 45CM STRAIGHT	20G / 21G x 4.0 CM
111703 R	6 F			
111705 R	5 F	11	0.021" X 45CM STRAIGHT	20G / 21G x 4.0 CM
111706 R	6 F			



FLEXIPORT - MANIFOLD

FEATURES

- Visible handle makes the flow control easy and accurate.
- ON/OFF types are available for different user habits.
- Users friendly and smooth operation.
- Anti-siphon.



ORDERING INFORMATION

CATALOGUE NO.	HAND TYPE	PORT	PRESSURE (PSI)
110801	OFF	2	250
110802	ON		
110803	OFF	3	
110804	ON		

TECHNICAL PARAMETERS

Side Ports : Two/Three
 Pressure : 250psi
 Valve Type : ON/OFF

FLEXIPORT - MANIFOLD (P)

FEATURES

- 500 PSI with ON/OFF handle.
- Uni directional.
- Ergonomic Design.



ORDERING INFORMATION

CATALOGUE NO.	HAND TYPE	PORT	PRESSURE (PSI)
110801 (P)	OFF	2	500
110802 (P)	ON		
110803 (P)	OFF	3	
110804 (P)	ON		

TECHNICAL PARAMETERS

Side Ports : Two/ Three
 Pressure : 500psi
 Valve Type : ON/OFF

COMPRESS TR - TRANSRADIAL BAND

FEATURES

- Transparent material ensures clear visual control of hemostasis procedure.
- Adjustable band length provides precise fit for patient comfort.



ORDERING INFORMATION

CATALOGUE NO.	BALLOON VOLUME (ML)
TRCD20	20ML
TRCD24	20ML

COMPRESS TR - TRANSRADIAL BAND (ROTATING)

FEATURES

- Patent design for oppressing the puncture point.
- Soft and transparent pad to make patient comfort.
- Easy for observation and adjust the press



ORDERING INFORMATION

CATALOGUE NO.	SIZE (CM)
TRCD20 - R	STANDARD
TRCD20 - SR	STANDARD



ANGITRIX® - ANGIOGRAPHY KIT (CUSTOM KIT)

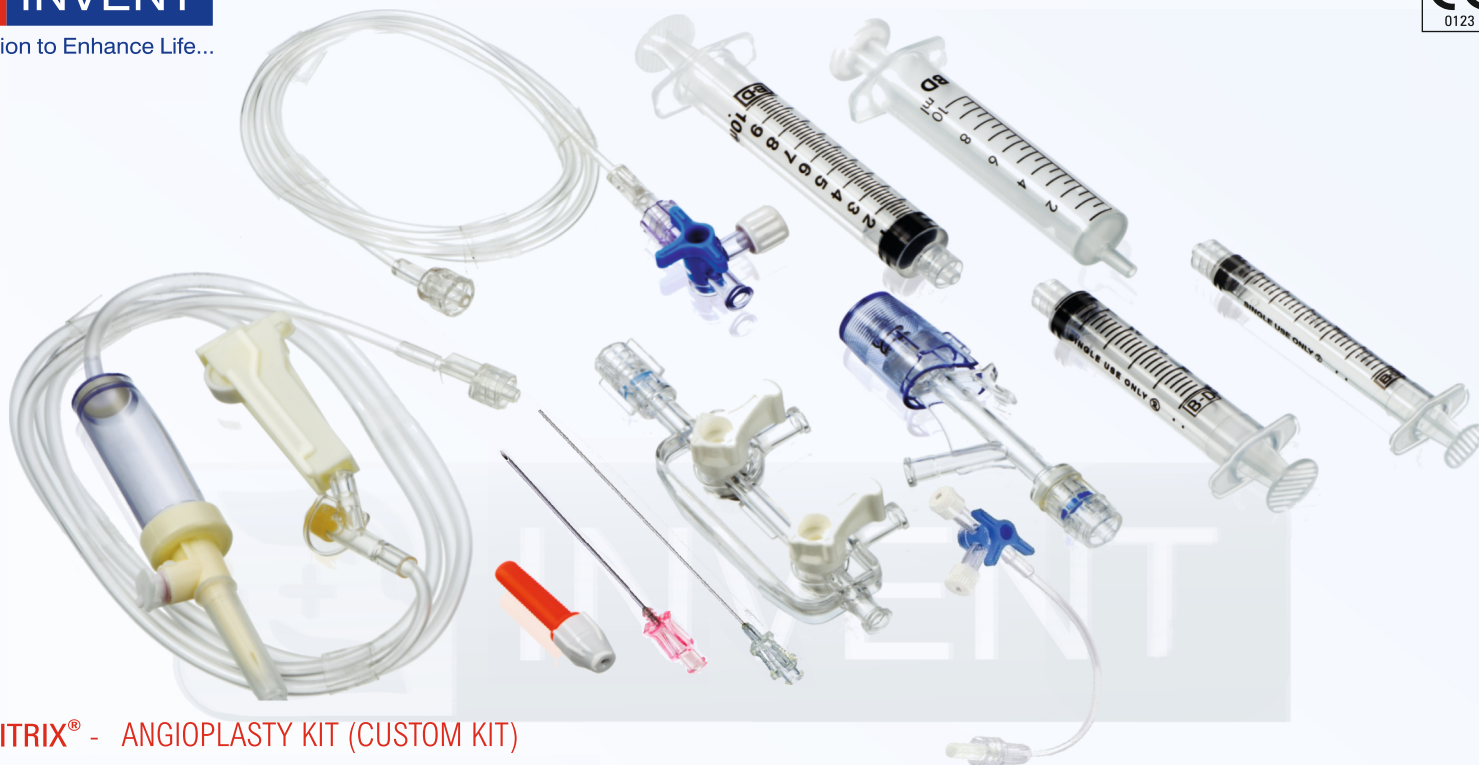
FEATURES

- Transfer Set.
- PM Line Connector Male/Female, Male/Male.
- Manifold, 5 ML & 10 ML Luer Lock Syringe, 10 ML Luer Lock Syringe
- 18G Advance Guidewire Introducer.

ORDERING INFORMATION

CATALOGUE NO.	DESCRIPTION
110905	ANGIOGRAPHY KIT
2 PORT MANIFOLD, PM LINE, DISPOSABLE SYRINGES, 18G AGWI, INFUSION SET.	

Note: Customized kit available on request.



ANGITRIX® - ANGIOPLASTY KIT (CUSTOM KIT)

FEATURES

- Large Bore 9F 'Y' Connector, Insertion Tool and Torquer to facilitate the PTCA procedure.
- Transfer Set. Manifold, 3 ML & 5 ML & 10 ML Luer lock Syringe, 10 ML Plain Syringe
- PM Line Connector Male/Female, Male/Male.
- 18G Advance Guidewire Introducer.

ORDERING INFORMATION

CATALOGUE NO.	DESCRIPTION
110906	ANGIOPLASTY KIT
2 PORT MANIFOLD, DISPOSABLE SYRINGES, Y-CONNECTOR, PM LINE, INFUSION SET, INSERTION TOOL & TORQUE DEVICE, 18G AGWI.	

Note: Customized kit available on request.

CONTROL DEVICE - CONTROL SYRINGE

FEATURES

- Solid and smooth plunger with unique push button make it easy for operation.
- Clear scale, accurate control of infusion volume.
- Latex free.



ORDERING INFORMATION

CATALOGUE NO.	DESCRIPTION
111001	12CC PALM AND FINGER CONTROL

INBRENGER[®] - ADVANCE GUIDEWIRE INTRODUCER

FEATURES

- Transparent hub for visualizing the guidewire.
- Available with echogenic tip.
- Smooth hub to cannula transition for easy introduction.
- Sharp cannula provides quick access.



ORDERING INFORMATION

CATALOGUE NO.	SIZE	GUIDE WIRE COMPATIBILITY	LENGTH (CM)
110501 (BV/BC)	18G	0.035"/0.038"	7
110502	20G	0.021"/0.025"	4

INBRENGER® - ADVANCE SOFT TUBE INTRODUCER

FEATURES

- Easy identification of needle safety guard after covering needle tip due to color coding.
- Rounded grip on needle hub for better support.
- Needle safety guard automatically covers the bevel after withdrawal of needle from the hub, minimizing the risk of needle stick injuries.
- Special tapered & kink resistant FEP/PUR radiopaque catheter for easy insertion with optimal flow rates.
- Available with echogenic soft tip.
- Smooth hub to cannula transition to easy introduction.



ORDERING INFORMATION

CATALOGUE NO.	SIZE	COMPATIBILITY	LENGTH (CM)
110509	18G	IV Cannula	4.5
110508	20G	IV Cannula	4.5
110504	20G	IV Cannula	3.2

EASY FLOW - PRESSURE MONITORING LINE

FEATURES

- Normal/High Pressure.
- Simple operating procedure.
- Transparent material ensures the need for large flow.

TECHNICAL PARAMETERS

Material : PVC/TPU
Pressure Resistance : 450psi/1200psi

ORDERING INFORMATION

CATALOGUE NO.	LENGTH (CM)	DESCRIPTION	PRESSURE (PSI)
111301	25	PM LINE	450
111302	50		
111303	100		
111304	150		
111305	200		
111307	250		
111306	300		

CATALOGUE NO.	LENGTH (CM)	DESCRIPTION	PRESSURE (PSI)
110702	25	PM LINE	1200
110703	50		
110704	100		

COMPONENTS

TORQUE DEVICE

FEATURES

- Torquer device tightly holds all guide wire up to 0.020 inches in diameter.

ORDERING INFORMATION

CATALOGUE NO.	GW CAPACITY
110401	UP TO 0.020"

INSERTION TOOL/BLUNT INTRODUCER

FEATURES

- Facilitate guide wire entry smoothly.
- Fits guide wire sizes up to 0.020 inches.

ORDERING INFORMATION

CATALOGUE NO.	O.D.	I.D.
111401	20G (0.030") (0.90MM)	(0.020") (0.065MM)

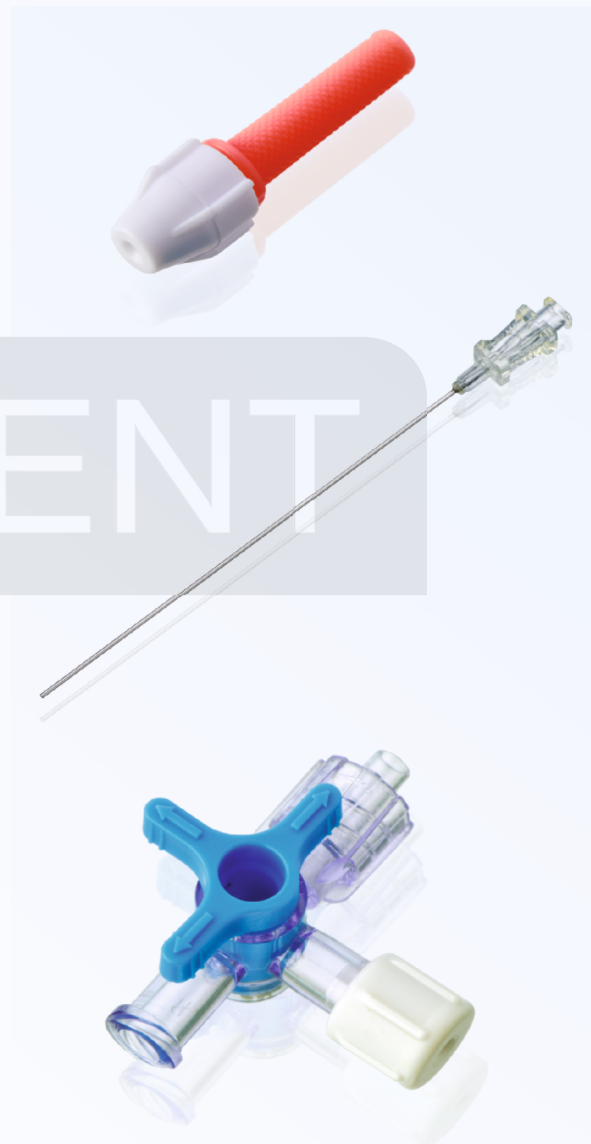
3 WAY STOPCOCK

FEATURES

- It provide 3 way flow.
- It is use for the attachment of extension line.

ORDERING INFORMATION

CATALOGUE NO.	DESCRIPTION	PSI
111602	3 WAY STOP COCK	250
111604	3 WAY STOP COCK	500
111601	3 WAY STOP COCK	1200



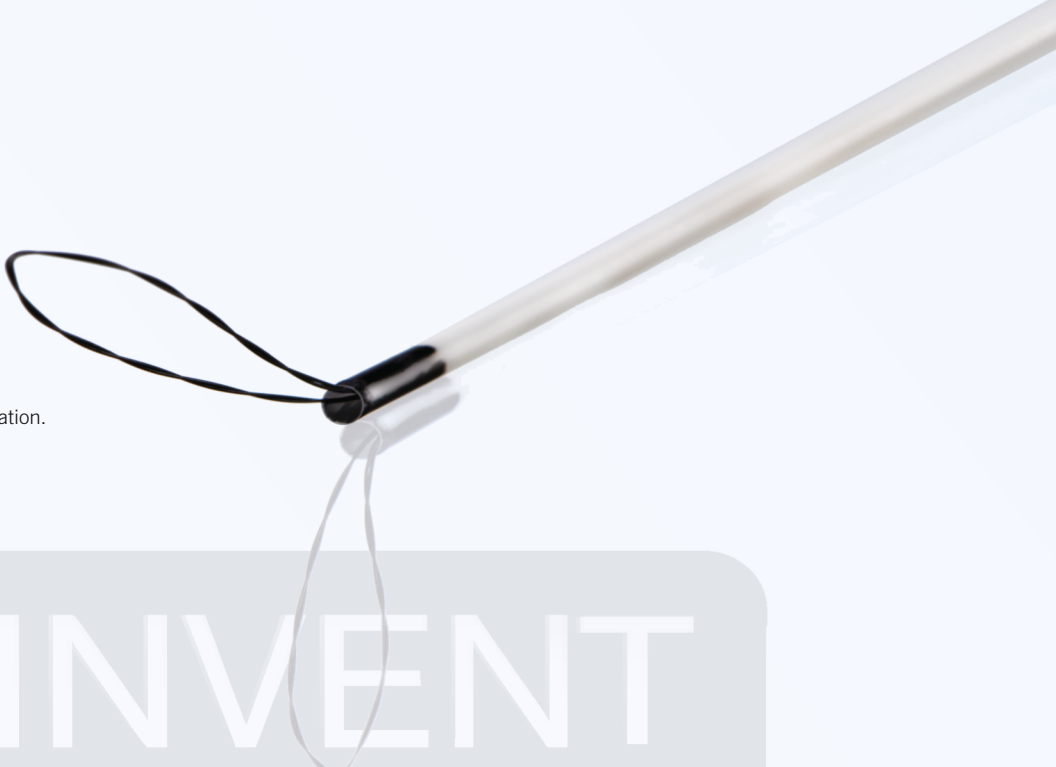


Precision to Enhance Life...

GRASP MICROSNARE

FEATURES

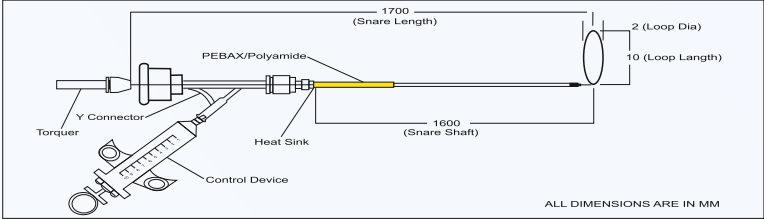
- Torque based device for maneuverability, Positioning & 360 rotation.
- Radio opaque Snare loop, 90 to the shaft.
- Sheath - Buffered Tip.
- Kink resistant catheter.
- Nitinol auto memory shape snare wire.



ORDERING INFORMATION

CATALOGUE NO.	SNARE SIZE (MM)	SNARE LENGTH (MM)	SHAFT (MM)	SHAFT SIZE
GM110113	3mm/10mm	1700	1600	3F
GM110102	4mm/15mm	1700	1600	3F
GM110101	2mm/10mm	1700	1600	3F
GM110114	3mm/10mm	1700	1600	4F
GM110105	4mm/15mm	1700	1600	4F

PRODUCT DESCRIPTION



FUSION III MICROSNARE (RETRIEVE & POSITION THE OBJECT TO THE OPTIMUM)

FEATURES

- Designed for better foreign body capture.
- Shaft having Nitinol Guide wire for better torque & support.
- Y-Connector supported with control device for dye injection purpose & easy visualisation.
- All device parts can be dismantled, cleaned & reassembled.

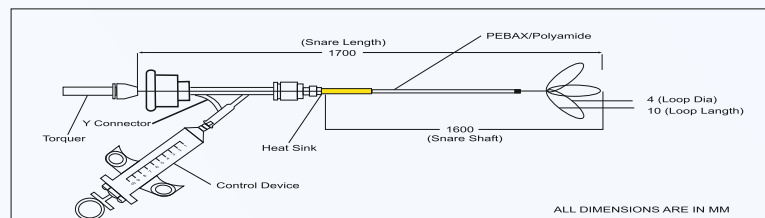


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ORDERING INFORMATION

CATALOGUE NO.	SNARE SIZE (MM)	SNARE LENGTH (MM)	SHAFT (MM)	SHAFT SIZE
F3M330102	4mm/10mm	1700	1600	4F
F3M330105	12mm/20mm	1700	1600	4F

PRODUCT DESCRIPTION





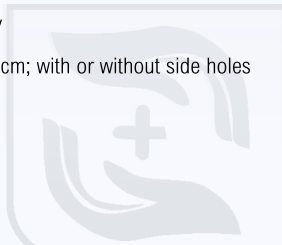
Precision to Enhance Life...

Invent Pyramid[®]

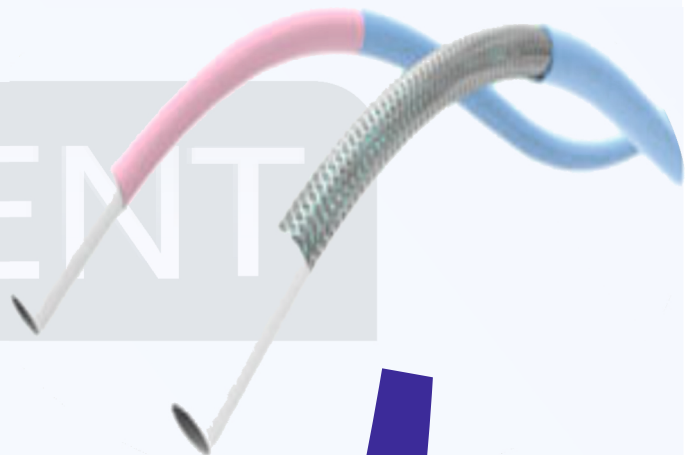
GUIDING CATHETER

Features:

- Invent Pyramid[®] offers high performance in delivering devices through it by virtue of its smooth or lubricious material with PTFE Internal lumen and have a good device compatibility
- Easy to handle, torque control, kink resistance
- 3 layered construction with flat Stainless-Steel braiding
- Relatively larger inner lumen for better space for device delivery
- Outstanding kissing Balloons Capabilities
- Adequate lumen and device compatibility
- Preformed curves and configurations, optimum support
- Excellent radio-opacity
- Length: 100 cm / 110 cm; with or without side holes



INVENT



Technical Specifications

Available Lengths	100 cm / 110 cm; with or without side holes
Outer Diameter	5 Fr - 1.70 mm 6 Fr - 2.00mm 7 Fr - 2.32mm
Inner Diameter	5 Fr - 1.40 mm 6 Fr - 1.78mm 7 Fr - 2.00mm
Mesh Braid Material	Stainless - Steel Flat braid
Pressure Limit	950 psi

ORDERING INFORMATION

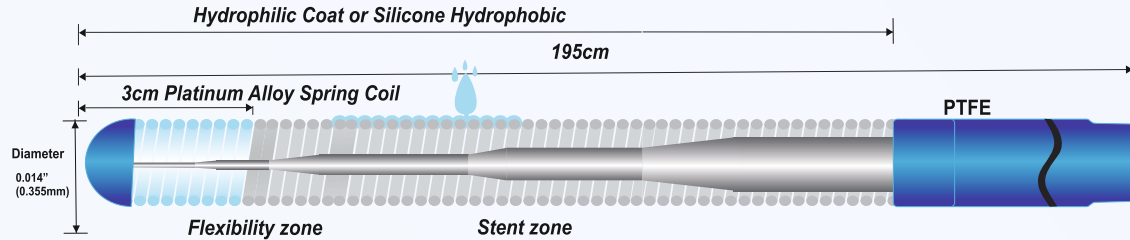
- Customized variants of different sizes are available as per customer requirements.



Precision to Enhance Life...

Marathon

Strength its flexibility
PTCA GUIDE WIRE



Features:

- Tip Load : 0.7 gm for Floppy
- Tip Load : >1.0 gm for Intermediate
- Directly Jointed SUS & Nitinol Shaft
- Duo Core Technology for superior torque transmission
- Available as a sterile pack.

Coating



Conventional Film Coating that may tear/swell



Deposits of Marathon Coating

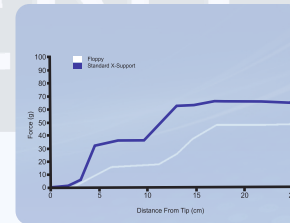
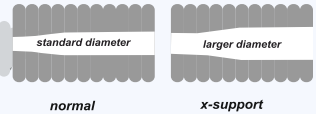
Specifications

Diameter:	0.014"
Lengths:	195cm
Tip Stiffness	Floppy
Tip Load	0.7 gm

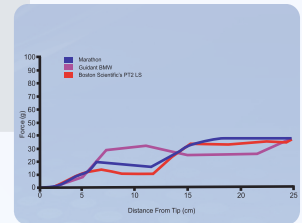
Tip Stiffness	Intermediate
Tip Load	>1.0 gm
Radiopaque Segments:	3cm Platinum Alloy Spring Coil.
Tip Shape:	Straight or J-Tipped.
Coil Coating:	Hydrophilic or Hydrophobic coating.

Intermediate

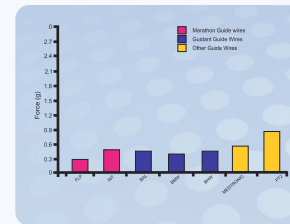
Floppy



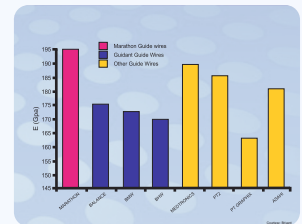
Variation in stiffness profile of the Marathon PTCA range



Comparison in stiffness profiles of a Marathon Floppy guide wire and other common guidewires



Tip Stiffness Results indicating the broad range of option available with the



The guide wires provide superior proximal stiffness for maximum pushability

ORDERING INFORMATION

- Customized variants of different sizes are available as per customer requirements.



Precision to Enhance Life...

Invent Velox[®]

ANGIOGRAPHIC DIAGNOSTIC CATHETER

Features:

- Good Curve Shape Memory
- Good Torque control due to internal SS braid mesh
- Very good kink and kick resistance
- Excellent surface finish to prevent vascular spasm
- Various tip configurations
- Atraumatic soft tip to minimize the vessel damage
- Straight and Angled curves designed for radial access and right coronary arteries
- This single catheter concept does procedure and fluoroscopy timing both procedural and cost-efficiency
- Excellent Radio opaque traceability
- Ergonomic hub facilities safe connection
- Catheter can withstand high pressure upto 950 psi and its ultra-thin wall creates a large lumen to enable a short injection time

Technical Specifications

Outer Diameter	5Fr - 1.70 mm 6Fr - 2.00 mm
Inner Diameter	5Fr - 1.12 mm 6Fr - 1.37mm
Maximum Guide Wire Size	0.038"
Pressure Limit	950 psi
Catheter Material	Polyamide
Mesh Braid Material	Stainless Steel
Flow Rate	5 Fr - 25±3 ml 6 Fr - 58±5 ml
Effective Length	1000 mm/1100 mm

ORDERING INFORMATION

- Customized variants of different sizes are available as per customer requirements.



Precision to Enhance Life...

INVENT[®]

RAPID EXCHANGE PTCA PRE/POST - DILATATION CATHETER

Enhanced Pushability & Trackability

- ▶ Hydrophilic Coated Distal Shaft
- ▶ Highly Flexible Distal Shaft

Uniquely Tapered Soft Tip

- ▶ Ultra Low & Softer Penetration
- ▶ Highest Level of Crossability
- ▶ Minimum Vessel Wall Trauma

Technically Optimized for Angioplasty.

TECHNICAL PARAMETERS

Semi Compliant polyamide Balloon	: Precise & Predictable balloon growth
Hydrophilic coating	: On the distal Shaft
Radio Opaque markers	: Zero Profile
Maximum recommended Guide Wire	: 0.014"
Balloon deflation time	: Average less than 15 sec.

Tip Entry Profile	: 0.016"
Distal Shaft diameter	: 0.85 mm
Catheter Total Length	: 1400 mm
Rapid Exchange Length	: 250 mm
Guiding Catheter	: Min 5F

ORDERING INFORMATION

Length (mm)	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.50
10 mm	INVSC125/10	INVSC150/10	INVSC175/10	INVSC200/10	INVSC225/10	INVSC250/10	INVSC275/10	INVSC300/10	INVSC350/10
12 mm	INVSC125/12	INVSC150/12	INVSC175/12	INVSC200/12	INVSC225/12	INVSC250/12	INVSC275/12	INVSC300/12	INVSC350/12
15 mm	INVSC125/15	INVSC150/15	INVSC175/15	INVSC200/15	INVSC225/15	INVSC250/15	INVSC275/15	INVSC300/15	INVSC350/15

Other sizes can be made available on demand.

COMPLIANCE CHART

Pressure (Atm)	Balloon diameter (mm)									
	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	4.00
2	1.40	1.66	1.87	2.11	2.36	2.59	2.82	3.06	3.29	3.77
4	1.45	1.70	1.94	2.18	2.43	2.67	2.91	3.16	3.39	3.89
*6	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	4.00
8	1.55	1.80	2.06	2.32	2.57	2.83	3.09	3.34	3.61	4.11
10	1.60	1.84	2.13	2.39	2.64	2.91	3.18	3.44	3.71	4.23
12	1.66	1.89	2.19	2.45	2.71	2.98	3.27	3.53	3.82	4.34
14	1.71	1.94	2.25	2.52	2.78	3.06	3.36	3.62	3.92	4.45
**16	1.76	1.98	2.32	2.59	2.85	3.45	3.45	3.72	4.03	4.57
18	1.81	2.03	2.38	2.66	2.92	3.54	3.54	3.81	4.14	4.68

Do not exceed the rated burst pressure (RBP)

*	NP	Nominal Pressure
**	RBP	Rated Burst pressure - Do not exceed



Precision to Enhance Life...

Invento[®] NC

Rapid Exchange PTCA
Post Dilatation Catheter

The Invento[®] NC is a High Pressure Capability and controlled expansion of non-compliant Balloon. It's a true Noncompliant Balloon with an expansion of 5%

TECHNICAL PARAMETERS

Non Compliant Polyamide Balloon : Precise & Predictable balloon growth
Hydrophilic coating : On the distal Shaft
Radio Opaque markers : Zero Profile
Maximum recommended Guide Wire : 0.014"
Balloon deflation time : Average less than 15 sec.

Tip Entry Profile : 0.016"
Distal Shaft diameter : 0.85 mm
Catheter Total Length : 1400 mm
Rapid Exchange Length : 250 mm
Guiding Catheter : Min 5F

ORDERING INFORMATION

Length (mm)	2.00	2.50	2.75	3.00	3.50	4.00
08 mm	INVNC200/08	INVNC250/08	INVNC275/08	INVNC300/08	INVNC350/08	INVNC400/08
10 mm	INVNC200/10	INVNC250/10	INVNC275/10	INVNC300/10	INVNC350/10	INVNC400/10
12 mm	INVNC200/12	INVNC250/12	INVNC275/12	INVNC300/12	INVNC350/12	INVNC400/12
15 mm	INVNC200/15	INVNC250/15	INVNC275/15	INVNC300/15	INVNC350/15	INVNC400/15

Other sizes can be made available on demand.

COMPLIANCE CHART

Pressure (Atm)	Balloon diameter (mm)											
	1.50	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.50	5.00
6	1.44	1.94	2.18	2.42	2.65	2.89	3.14	3.38	3.61	3.85	4.29	4.76
8	1.46	1.96	2.20	2.44	2.69	2.93	3.17	3.42	3.66	3.90	4.36	4.84
10	1.48	1.98	2.23	2.47	2.72	2.96	3.21	3.46	3.70	3.95	4.43	4.92
*12	1.50	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.50	5.00
14	1.52	2.02	2.27	2.53	2.78	3.04	3.29	3.54	3.80	4.05	4.57	5.08
16	1.54	2.04	2.30	2.56	2.81	3.07	3.33	3.58	3.84	4.10	4.64	5.16
18	1.56	2.06	2.32	2.58	2.85	3.11	3.36	3.62	3.89	4.15	4.71	5.24
20	1.58	2.08	2.35	2.61	2.88	3.14	3.40	3.66	3.93	4.20	4.77	5.31
**22	1.60	2.10	2.37	2.64	2.91	3.18	3.44	3.70	3.98	4.25	4.84	5.39
24	1.62	2.12	2.39	2.67	2.94	3.22	3.48	3.74	4.03	4.30	4.91	5.47
26	1.64	2.14	2.42	2.70	2.97	3.25	3.52	3.78	4.07	4.35	4.98	5.55

Do not exceed the rated burst pressure (RBP)

* NP

Nominal Pressure

** RBP

Rated Burst pressure - Do not exceed

Next Generation
Sirolimus Eluting Coronary
CoCr Stent From
Biodegradable Polymer Matrix

UNIQUE DESIGN

- Provides Excellent Balance Between Delivery
- Characteristic and Performance after Expansion
- Ensures Optimum Procedural & Angioplasty Success

COBALT-CHROMIUM ALLOY CORONARY STENT

- Engineered to Provide Strength & Stability
- High Level of Flexibility and Possibility to cross difficult lesions

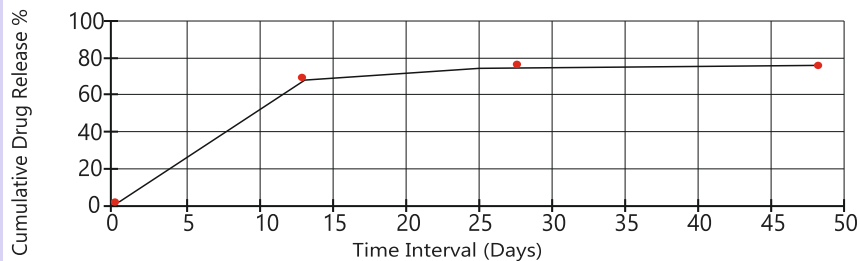
SIROLIMUS DRUG

- Clinically Proven, Safe & Effective
- Biodegradable Polymeric Polymer
- Controlled Drug Release Technology



DRUG RELEASE KINETICS

- Proven Drug Release Kinetics Initial Burst Release of 40%-50% Sirolimus in the first week
- Sustained Release upto 45-48 days to Maintain Therapeutic SIROLIMUS Drug concentration to Optimise the anti-tissue proliferative action.



COMPLIANCE CHART

Pressure Atm	Balloon diameter (mm)					
	2.25	2.50	2.75	3.00	3.50	4.00
2	1.96	2.21	2.46	2.71	3.21	3.41
4	2.06	2.31	2.56	2.81	3.31	3.81
6	2.16	2.41	2.66	2.91	3.41	3.91
* 8	2.25	2.50	2.75	3.00	3.50	4.00
10	2.31	2.56	2.81	3.06	3.56	4.08
12	2.37	2.62	2.87	3.12	3.62	4.16
14	2.43	2.68	2.93	3.18	3.68	4.24
** 16	2.49	2.74	2.99	3.24	3.74	4.30
18	2.52	2.78	3.03	3.29	3.80	4.36
20	2.55	2.82	3.07	3.34	3.86	4.42

* NP Nominal Pressure

** RBP Rated Burst Pressure - Do not exceed

STENT TECHNICAL DATA

Design	Laser Cut Closed Cell
Stent Material	Cobalt Chromium Alloy
Stent Platform	Co-Cr Stent
Metal to Artery Ratio	13.9 - 19.1% (SV) 11.4 - 15.2% (MV)
Average Foreshortening	< 2%
Average Recoil	< 5%
Average Crossing Profile	< 1.0 mm
Drug	Sirolimus (Rapamycin)
Polymers Type	Fully Biodegradable Polymer
Total Release of drug	in 45 - 48 days

ORDERING INFORMATION

Length (mm)	Diameter (mm)					
	2.25	2.50	2.75	3.00	3.50	4.00
8 mm	NVC225/08	NVC250/08	NVC275/08			
12 mm	NVC225/12	NVC250/12	NVC275/12	NVC300/12	NVC350/12	NVC400/12
16 mm	NVC225/16	NVC250/16	NVC275/16	NVC300/16	NVC350/16	NVC400/16
20 mm	NVC225/20	NVC250/20	NVC275/20	NVC300/20	NVC350/20	NVC400/20
24 mm	NVC225/24	NVC250/24	NVC275/24	NVC300/24	NVC350/24	NVC400/24
28 mm	NVC225/28	NVC250/28	NVC275/28	NVC300/28	NVC350/28	NVC400/28
32 mm		NVC250/32	NVC275/32	NVC300/32	NVC350/32	NVC400/32
36 mm		NVC250/36	NVC275/36	NVC300/36	NVC350/36	NVC400/36
40 mm		NVC250/40	NVC275/40	NVC300/40	NVC350/40	NVC400/40
44 mm				NVC300/44	NVC350/44	NVC400/44
48 mm				NVC300/48	NVC350/48	NVC400/48



Precision to Enhance Life...

Head Office :

24, Piramal Industrial Estate Bldg. No. 4, 1st Floor, Piramal Nagar,
S.V Road, Goregaon (W), Mumbai 400 062, INDIA.
Tel.: +91 22 4022 2109 / 2876 9694.

Invent Bio-Med Private Limited

Manufacturing Unit :

109, Special Economic Zone,
Diamond Park, G.I.D.C., Sachin, Surat,
Gujarat 394 230, INDIA.

Authorized Representative of CE Products :

Mdi Europa Gmbh,
Langenhagener Str. 71 30855, Hannover, Langenhagener, Germany.
Tel.: +49 511 3908 9530.

Customer Care : +91 22 3522 1012 • Email : info@inventbiomed.com • www.inventbiomed.com

 : +91 88 7954 1337

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