

# Demax<sup>®</sup>

## Product Catalogue



**Demax** *Quality for life*

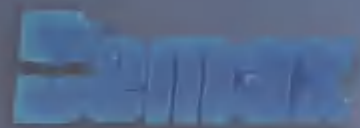
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# HONORS & CERTIFICATION

**DOUBLE QUALITY SYSTEM  
CERTIFICATION**

**NATIONAL HIGH-TECH  
ENTERPRISE CERTIFICATE**

**CAPITAL LABOR AWARD**

**BEIJING ENTERPRISE  
TECHNOLOGY CENTER**

**AAA CREDIT ENTERPRISE  
IN BEIJING**





INTERVENTIONAL CARDIOLOGY ACCESSORIES  
30% MARKET SHARE IN CHINA **CE** PUSH-CLICK Y CONNECTOR SERIES  
**ISO13485** OWN MORE THAN 70 PATENTS **ISO9001**  
LEADING MEDICAL DEVICE COMPANY **CFDA** BALLOON DILATATION CATHETER  
**FDA** COVERING CLASS I TO CLASS III MEDICAL DEVICES **GMP**

AMONG THE 300 MILLION CARDIOVASCULAR PATIENTS IN CHINA, ABOUT 3 OUT OF 10 RECEIVE THE SERVICES PROVIDED BY DEMAX

**TGA** EXPERIENCED R&D TEAM WITH MEDICAL EDUCATION BACKGROUND

QUALITY FOR LIFE HYDROPHILIC INTRODUCER SHEATH BALLOON IN-DEFLATION DEVICE

700,000 CLINICAL VERIFICATIONS PER YEAR



# ABOUT DEMAX

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At Demax, we focus on the R&D and production of Disposable Intervention Therapy products for the cardiovascular system. Demax Group established in 2004, consists of Australia Demax Medical, Beijing Demax Medical, and Tianjin Demax Medical.

Until now, Demax has established long-term collaboration relations with customers and medical institutions from more than 70 countries; our products are distributing worldwide. In China, on average, about 3 out of 10 have enjoyed the services provided by Demax among the 300 million cardiovascular patients.

Through tireless efforts, Demax has successively obtained the approval and protection of Madrid International Registration of Marks from 2011 to 2014 in 9 countries, including South Korea, the United States, Turkey, Switzerland, Syria, Australia, the European Union, Iran, and Egypt.

Demax people adhere to the "Technology-based, Technology-first" philosophy and always insist on mastering core technologies independently. Through continuous investment in research and development, Demax has obtained more than 70 patents, owns Hydrophilic coating preparation & Coating technology, Balloon molding technology, and Catheter welding technology, etc.

Our products almost cover the entire cardiovascular-relevant interventional therapy process.

We are also providing the necessary materials and molds for the production of intervention products.

Demax has highly automated production lines and 100,000/10,000 class clean rooms, with a total production area of approximately 180,000 sq ft, and can also provide cleanroom injection molding and extrusion molding services.

In addition, Demax is committed to providing better and more diversified customer service: our professional sales team with extensive experience worldwide can quickly respond to your needs, providing you with the best solution, training guidance, registration, and other support.

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# Gusta® PTCA Balloon Dilatation Catheter

## Semi-Compliant Balloon Dilatation Catheter



**Features:**

- 1. Tapered Tip Design
- 2. Patent hydrophilic coating
- 3. Low crossing profile

**Benefits:**

- 1. Smooth transition
- 2. Smooth tracking and retrieving

**Gusta® Semi-Compliant Balloon Dilatation Catheter**

Balloon Diameter(mm)	Balloon Length(mm)						
	8	10	12	15	20	25	30
1.25	DBC1208	DBC1210	DBC1212	DBC1215	DBC1212		
1.5	-	DBC1510	-	DBC1515	DBC1520	DBC1525	DBC1530
2.0	-	DBC2010	-	DBC2015	DBC2020	DBC2025	DBC2030
2.25	-	DBC2210	-	DBC2215	DBC2220	DBC2225	DBC2230
2.5	-	DBC2510	-	DBC2515	DBC2520	DBC2525	DBC2530
2.75	-	DBC2710	-	DBC2715	DBC2720	DBC2725	DBC2730
3.0	-	DBC3010	-	DBC3015	DBC3020	DBC3025	DBC3030
3.25	-	DBC3210	-	DBC3215	DBC3220	DBC3225	DBC3230
3.5	-	DBC3510	-	DBC3515	DBC3520	DBC3525	DBC3530
4.0	-	DBC4010	-	DBC4015	DBC4020	DBC4025	DBC4530
4.5	-	DBC4510	-	DBC4515	DBC4520		

\* Note: DBC1212 is a Gusta® balloon catheter with a diameter of 1.25mm and a length of 12mm.

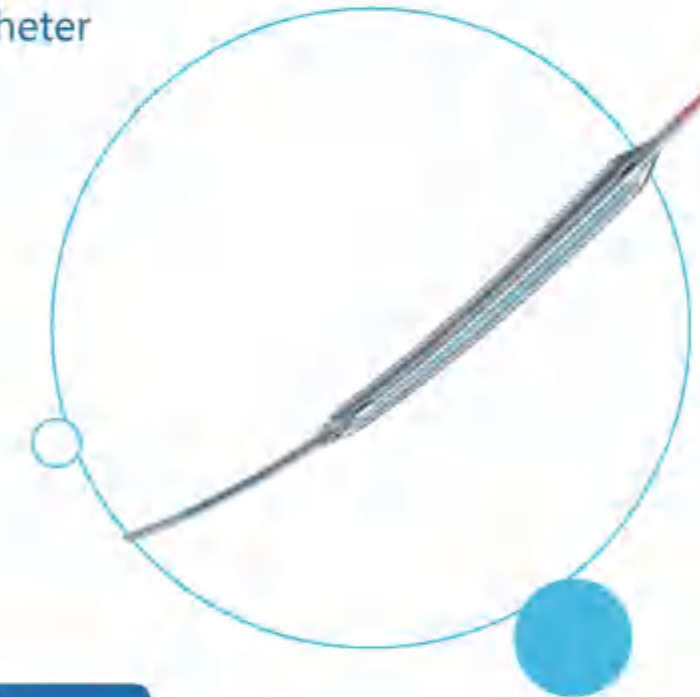
**Compliance Chart**

Pressure(atm)	Balloon Diameter(mm)								
	1.25	1.5	2.0	2.25	2.5	2.75	3.0	3.25	3.5
4	1.17	1.43	1.91	2.15	2.39	2.60	2.87	3.10	3.33
6(NP)	1.25	1.50	2.00	2.25	2.50	27.5	3.00	3.25	3.50
8	1.31	1.57	2.07	2.32	2.58	2.81	3.12	3.37	3.62
10	1.36	1.63	2.12	2.37	2.63	2.87	3.20	3.46	3.72
12	1.39	1.67	2.16	2.41	2.69	2.93	3.27	3.54	3.80
14	1.43	1.71	2.20	2.45	2.75	2.97	3.34	3.62	3.89
16	1.50	1.75	2.24	2.50	2.81	3.05	3.41	3.70	3.98
18	1.53	1.78	2.29	2.55	2.88	3.10	3.50	3.78	4.06

\*Rated Burst Pressure. Do not Exceed. The part marked in blue is the RBP of balloon.

# Gusta® NC Balloon Dilatation Catheter

## Non-Compliant Balloon Dilatation Catheter



**Features:**

- 1. Tapered Tip Design
- 2. Patent hydrophilic coating
- 3. Radiopaque Marker

**Benefits:**

- 1. Smooth transition
- 2. Easy tracking

**Gusta® Non-Compliant Balloon Dilatation Catheter**

Balloon Diameter(mm)	Balloon Length(mm)					
	8	10	12	15	18	20
2.25	DNC2208	DNC2210	DNC2212	DNC2215	DNC2218	DNC2220
2.50	DNC2508	DNC2510	DNC2512	DNC2515	DNC2518	DNC2520
2.75	DNC2708	DNC2710	DNC2712	DNC2715	DNC2718	DNC2720
3.00	DNC3008	DNC3010	DNC3012	DNC3015	DNC3018	DNC3020
3.25	DNC3208	DNC3210	DNC3212	DNC3215	DNC3218	DNC3220
3.50	DNC3508	DNC3510	DNC3512	DNC3515	DNC3518	DNC3520
3.75	DNC3708	DNC3710	DNC3712	DNC3715	DNC3718	DNC3720
4.00	DNC4008	DNC4010	DNC4012	DNC4015	DNC4018	DNC4020
4.50	DNC4508	DNC4510	DNC4512	DNC4515	DNC4518	DNC4520
5.00	DNC5008	DNC5010	DNC5012	DNC5015		

**Compliance Chart**

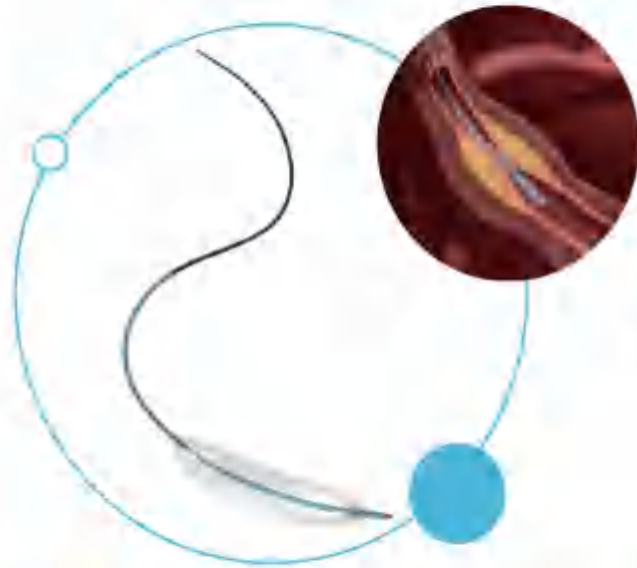
Pressure(atm)	Balloon Diameter(mm)							
	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00
6	2.16	2.26	2.63	2.68	3.08	3.13	3.56	3.62
8	2.19	2.33	2.67	2.76	3.14	3.24	3.63	3.80
10	2.22	2.42	2.71	2.90	3.20	3.41	3.69	3.92
12(NP)	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00
14	2.28	2.56	2.79	3.07	3.30	3.58	3.81	4.06
16	2.31	2.62	2.83	3.13	3.35	3.64	3.87	4.12
18	2.34	2.67	2.88	3.18	3.40	3.70	3.93	4.18
20(RBP)*	2.37	2.72	2.91	3.23	3.44	3.77	3.98	4.25
22	2.40	2.77	2.94	3.28	3.48	3.84	4.03	4.31

\*Rated Burst Pressure. Do not Exceed.

**CE2797**

# Gusta<sup>®</sup> II PTCA Balloon Dilatation Catheter

## PTCA Semi-Compliant Balloon Dilatation Catheter



### Features:

1. Superior deliverability advanced design
2. Stable optimized lubricious hydrophilic coating
3. The excellent smooth transition between hub and proximal shaft

### Benefits:

1. Maximizes pushability and compatibility with the guide wire and guide catheter
2. Smooth delivery
3. Enhanced compatibility with the guide wire and guide catheter

### Gusta<sup>®</sup> II Semi-Compliant Balloon Dilatation Catheter

Balloon Diameter(mm)	Balloon Length(mm)							
	6	8	10	12	15	20	25	30
1.25	DPC1206	DPC1208	DPC1210	DPC1212	DPC1215	DPC1220	-	-
1.5	DPC1506	DPC1508	DPC1510	DPC1512	DPC1515	DPC1520	DPC1525	DPC1530
1.75	DPC1706	DPC1708	DPC1710	DPC1712	DPC1715	DPC1720	DPC1725	DPC1730
2.0	DPC2006	DPC2008	DPC2010	DPC2012	DPC2015	DPC2020	DPC2025	DPC2030
2.25	DPC2206	DPC2208	DPC2210	DPC2212	DPC2215	DPC2220	DPC2225	DPC2230
2.5	DPC2506	DPC2508	DPC2510	DPC2512	DPC2515	DPC2520	DPC2525	DPC2530
2.75	DPC2706	DPC2708	DPC2710	DPC2712	DPC2715	DPC2720	DPC2725	DPC2730
3.0	DPC3006	DPC3008	DPC3010	DPC3012	DPC3015	DPC3020	DPC3025	DPC3030
3.25	DPC3206	-	DPC3210	DPC3212	DPC3215	DPC3220	DPC3225	DPC3230
3.5	DPC3506	-	DPC3510	DPC3512	DPC3515	DPC3520	DPC3525	DPC3530
3.75	DPC3706	-	DPC3710	DPC3712	DPC3715	DPC3720	DPC3725	DPC3730
4.0	DPC4006	-	DPC4010	DPC4012	DPC4015	DPC4020	DPC4025	DPC4030
4.5	-	-	-	-	DPC4515	DPC4520	-	-
5.0	-	-	-	-	DPC5015	DPC5020	-	-

### Gusta<sup>®</sup> II Compliance Chart

Pressure (atm)	Balloon Diameter(mm)												
	1.25	1.5	1.75	2.0	2.25	2.75	3.0	3.25	3.5	3.75	4.0	4.5	5.0
4	1.17	1.43	1.68	1.91	2.39	2.60	2.87	3.09	3.33	3.68	3.81	4.31	4.79
6(NP)	1.25	1.50	1.75	2.00	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.50	5.00
8	1.31	1.57	1.80	2.07	2.58	2.81	3.12	3.36	3.62	3.83	4.09	4.61	5.11
10	1.36	1.63	1.85	2.12	2.63	2.87	3.20	3.45	3.72	3.91	4.20	4.71	5.21
12	1.39	1.67	1.92	2.16	2.69	2.93	3.27	3.52	3.80	4.01	4.29	4.82	5.32
14	1.43	1.71	1.97	2.20	2.75	2.97	3.34	3.58	3.89	4.12	4.39	4.93	5.43
16	1.50	1.75	2.03	2.24	2.81	3.05	3.41	3.63	3.98	4.23	4.51	5.04	5.56
18	1.53	1.78	2.11	2.29	2.89	3.10	3.50	3.68	4.06	4.39	4.61	5.15	5.72

\*Rated Burst Pressure. Do not Exceed. The part marked in blue is the RBP of balloon.

# Gusta<sup>®</sup> II NC PTCA Balloon Dilatation Catheter

## Non-Compliant Balloon Dilatation Catheter



### Features:

1. 2.00mm length of tapered tip and fully wrapped guidewire design
2. Advanced material design

### Benefits:

1. Extremely durable, without bursting
2. Improved flexibility and trackability

### Gusta<sup>®</sup> II Non-Compliant Balloon Dilatation Catheter

Balloon Diameter(mm)	Balloon Length(mm)							
	6	8	10	12	15	20	25	30
2.25	DHC2206	DHC2208	DHC2210	DHC2212	DHC2215	DHC2220	DHC2225	DHC2230
2.50	DHC2506	DHC2508	DHC2510	DHC2512	DHC2515	DHC2520	DHC2525	DHC2530
2.75	DHC2706	DHC2708	DHC2710	DHC2712	DHC2715	DHC2720	DHC2725	DHC2730
3.00	DHC3006	DHC3008	DHC3010	DHC3012	DHC3015	DHC3020	DHC3025	DHC3030
3.25	DHC3206	DHC3208	DHC3210	DHC3212	DHC3215	DHC3220	DHC3225	DHC3230
3.50	DHC3506	DHC3508	DHC3510	DHC3512	DHC3515	DHC3520	DHC3525	DHC3530
3.75	DHC3706	DHC3708	DHC3710	DHC3712	DHC3715	DHC3720	DHC3725	DHC3730
4.00	DHC4006	DHC4008	DHC4010	DHC4012	DHC4015	DHC4020	DHC4025	DHC4030
4.25	DHC4206	DHC4208	DHC4210	DHC4212	DHC4215	DHC4220	DHC4225	DHC4230
4.50	DHC4506	DHC4508	DHC4510	DHC4512	DHC4515	DHC4520	DHC4525	DHC4530

### Gusta<sup>®</sup> II Compliance Chart

Pressure (atm)	Balloon Diameter(mm)									
	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50
6	2.16	2.35	2.63	2.81	3.08	3.23	3.56	3.62	4.04	4.18
8	2.19	2.42	2.67	2.88	3.14	3.37	3.63	3.80	4.11	4.30
10	2.22	2.46	2.71	2.94	3.20	3.43	3.69	3.92	4.18	4.38
12(NP)	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50
14	2.28	2.56	2.79	3.07	3.30	3.58	3.81	4.06	4.32	4.52
16	2.31	2.62	2.83	3.13	3.35	3.64	3.87	4.12	4.38	4.56
18	2.34	2.67	2.88	3.18	3.40	3.70	3.93	4.18	4.44	4.59
20 (RBP)*	2.37	2.72	2.91	3.23	3.44	3.77	3.98	4.25	4.50	4.63
22	2.40	2.77	2.94	3.28	3.48	3.84	4.03	4.31	4.56	4.66

\*Rated Burst Pressure. Do not Exceed

CE2797

## Balloon In-Deflation Device



### Features:

- 1.Surface appearance patent and ergonomic design
- 2.Selok® Patent technology
- 3.Precise pressure gauges
- 4.Maximum pressure of 30atm
- 5.20ml clear syringe barrel with smooth moving plunger

### Benefits:

- 1.Suitable for left and right hand, easy to operate, reduce fatigue
- 2.the pressure is stable and does not fall back at high pressure
- 3.Fast release key design, easy pressure relief
- 4.The accuracy is higher than that of similar domestic products

DID30S (OFF)  
30atm, 20ml volume, with 3-Way stopcock (OFF)

## Balloon In-Deflation Device II

### Features:

- 1.30ml clear syringe barrel with smooth moving plunger
- 2.The manometer is adjustable 45° left and right
- 3.Nightlight dial

### Benefits:

- 1.The performance of the second generation is fully upgraded compared with that of the first generation
- 2.Visible in low light
- 3.Broader clinical usage



DPD30/OFF  
30atm, 30ml volume, with 3- Way stopcock(OFF)

### Balloon In-Deflation Device

Description	Ref. No.	Nominal Max Pressure (atm)	Capacity (ml)	3-Way Stopcock
Mastro Balloon In-Deflation Device	DID30S(OFF)	30	20	Y
Mastro Plus- Balloon In-Deflation Device	DPD30/OFF	30	30	Y

## Interventional Device Set



### Interventional Device Set

Ref. No.	Pack Content
DAS001	Y Connector Pack(Twist Type),Guidewire Introducer, Blue Torque, Balloon In-Deflation Device,3-Way Stopcock(OFF)
DAS007	Push-Click Y Connector Kit, Bypass without Extension Tube, Guidewire Introducer, Blue Torque, In-Deflation Device, 3-Way Stopcock (OFF)
DAS013	Push-Click Y Connector Kit, Bypass with Fixed Extension Tube, Guidewire Introducer, Blue Torque, In-Deflation Device

Please ask your sales representative for more configuration.

## Y Connector (Push click)



DPY02

### Features:

- 1.Unique push-click design
- 2.Torque and Introducer Fit 0.014"-0.021" Guidewire
- 3.180psi leak-proof seal from proprietary valve

### Benefits:

- 1.Convenient operation, effectively reduce blood loss
- 2.Fulfilling PCI procedural needs



DPY01B  
Push-Click Type Hemostasis Valve,  
Blue Torque, Guidewire Introducer



DPY02B  
Push-Click Type Hemostasis Valve  
with fixed bypass extension tube,  
Blue Torque, Guidewire Introducer

### Push-Click Y Connector Kit

Description	Ref. No.	Torque Device	Guidewire Introducer	Extension Tubing
Push-Click Y Connector	DPY01	N	N	N
	DPY02	N	N	Y
Push-Click Y Connector Kit	DPY01B	Blue Torque	Y	N
	DPY02B	Blue Torque		Y

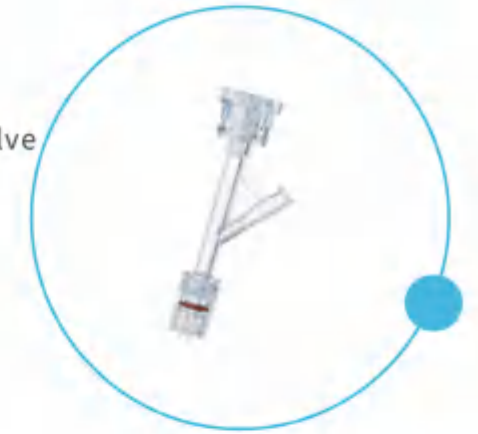
## Y Connector Pack (Twist)

### Features:

- 1.Memory hemostatic device
- 2.Large inner diameter
- 3.300psi leak-proof seal from proprietary valve

### Benefits:

- 1.Effectively reducing blood loss
- 2.Fulfilling PCI procedural needs



DRY01



DRY01B  
Twist Type Hemostasis Valve,  
Blue Torque, Guidewire Introducer

### Y Connector Pack(Twist)

Description	Ref. No.	Torque Device	Guidewire Introducer	Extension Tubing
Y Connector(Twist)	DRY01	N	N	N
Y Connector Pack (Twist )	DRY01B	Blue Torque	Y	N





## Radial Artery Compression Tourniquet (Flat)



### Features:

1. Transparent pad
2. Spherical design
3. Elastic pressure belt
4. Supporting pad has no contact with wrist

### Benefits:

1. Easy to locate and observe
2. Effective hemostasis
3. Provides high comfort
4. Avoiding putting pressure on ulnar artery

Radial Artery Compression Tourniquet

Ref. No.	Description	Length of Plate(mm)	Length of Band(mm)
DHD0914	Radial Artery Compression Tourniquet	90	140
DHD0916	Radial Artery Compression Tourniquet	90	160

## Radial Artery Compression Tourniquet (Rotary)



### Features

- Efficient:** single-large deck observation window, which provides a more efficient view of the puncture site.
- Comfort:** ergonomic design and premium Velcro
- Easy Operation:** well-educated market(watch wearing method)
- Safety:** zero pressure on the ulnar side, safety button, and yellow stitches on the band as an alert.

### Details

Perspectives	Demax
Material of Band	Velcro & Nylon
Design of Window	Single Deck
Safety Gear	Large
Compression on Ulnar Artery	No

### Models and Specifications

No.	Model	Specification/Strap length
1	DRD17	170 mm
2	DRD19	190 mm
3	DRD21	210 mm

## Control Syringe



DS312  
12ml volume, three rings

### Features:

1. Glass-like Polycarbonate Barrel with Enhanced Scale Markings
2. Designed for One-hand Operation
3. Plunger with Latex-free Stop

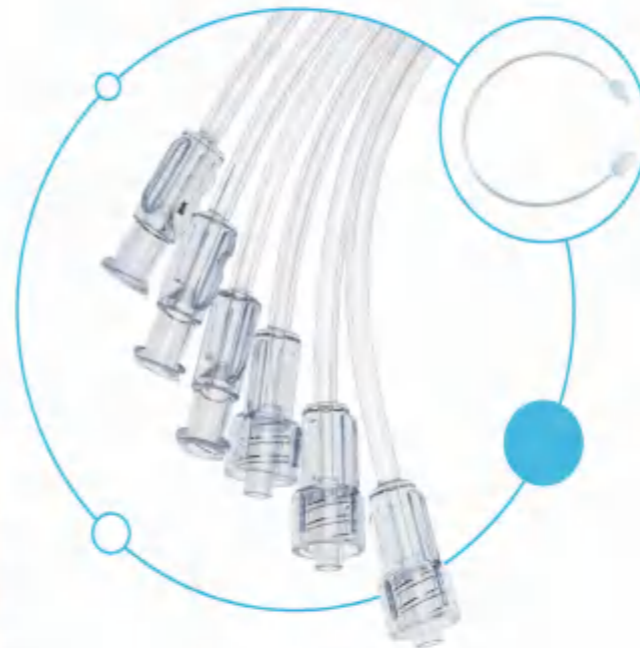
### Benefits:

1. Easy Fluid Inspection
2. Smooth Movement

#### Control Syringe

Ref. No.	Volume(ml)
DS312	12

## High Pressure line



### Features:

1. Pressure Rating Up to 500psi
2. Standard Length at 910mm and 1220mm

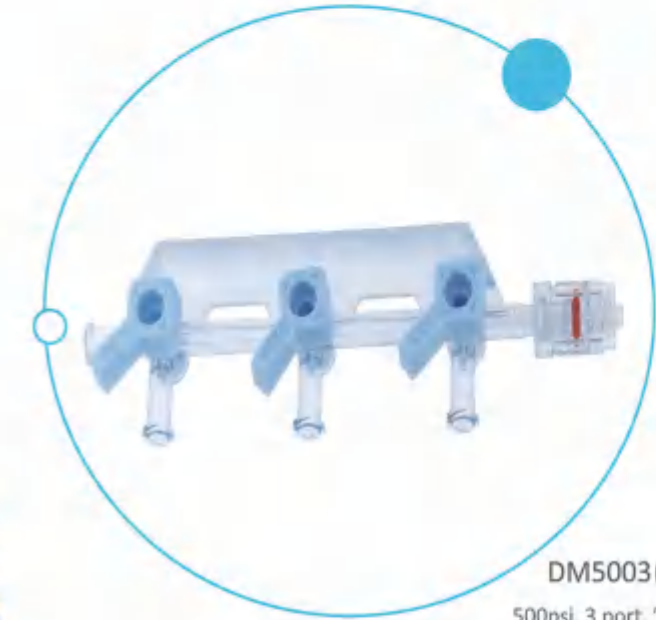
### Benefits:

1. Fulfilling PCI procedural needs
2. Stable performance

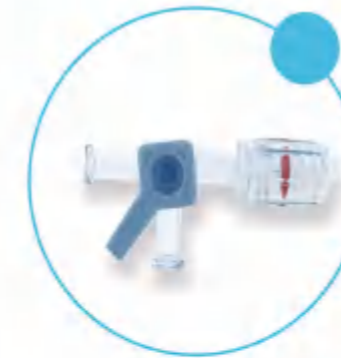
#### Pressure Line

Pressure	Ref. No.	Rotated Male Luer Lock	Length(cm)
500psi	DT50091	N	91
	DT500122	N	122
	DT50091R	Y	91
	DT500122R	Y	122

## Manifolds



DM5003(OFF)  
500psi, 3 port, "OFF" stopcock



DM5001(OFF)  
500psi, "OFF" handle

### Features:

1. 3-Port Manifold with Pressure Rating Up to 500psi
2. Clear Body
3. Rotating Luer for Secure Connections

### Benefits:

1. Meet a variety of surgical needs
2. Easy Visibility for De-bubbling
3. Easy operation

#### Manifolds

Description	Ref. No.	Pressure Resistance	Type of Stopcock
3 ways of stop cock	DM5001(ON)	500psi	ON
	DM5001(OFF)	500psi	OFF
3-port manifold	DM5003(ON)	500psi	ON
	DM5003(OFF)	500psi	OFF

## Disposable Pressure Transducer



### Features:

1. High-quality pressure electronic chip
2. The material we choose

### Benefits:

1. Easy and time saving set up
2. Reduce the attenuation of the pressure signal
3. Assure the continuous pressure monitoring and the accurate measurement

#### Disposable Pressure Transducer

Ref. No.	Description	Type	Cable Length(cm)
DPT1030	Disposable Pressure Transducer	Single channel	30
DPT1120	Disposable Pressure Transducer	Single channel	120

## Disposable Pressure Transducer

### Disposable Manifold with Integral Transducer



### Features:

1. The closer position to the manifold
2. The easier connection

### Benefits:

1. Good signal response
2. Reduce the fluid volume and the potential of air bubble in the system

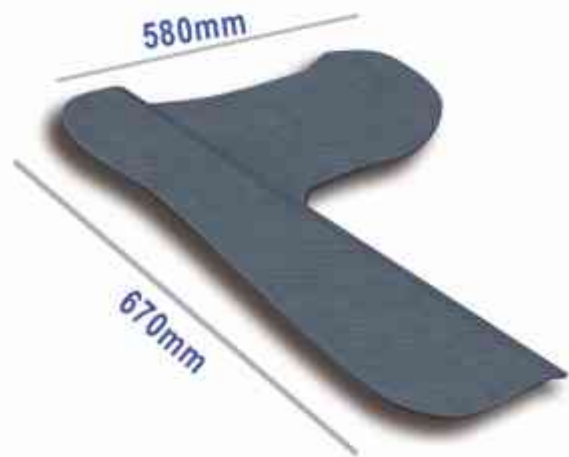
#### Disposable Manifold with Integral Transducer

Ref. No.	Description	Type	Cable Length(cm)	Tube(cm)
DPT1120M	Disposable Manifold with Integral Transducer	Single channel	120	122
DPT1120NT	Disposable Manifold with Integral Transducer	Single channel	120	N

## Radial Approach Bracket



- Super light weight, easy to use and clean
- Entirely radiolucent
- Designed for cathlab and arm/hand surgery

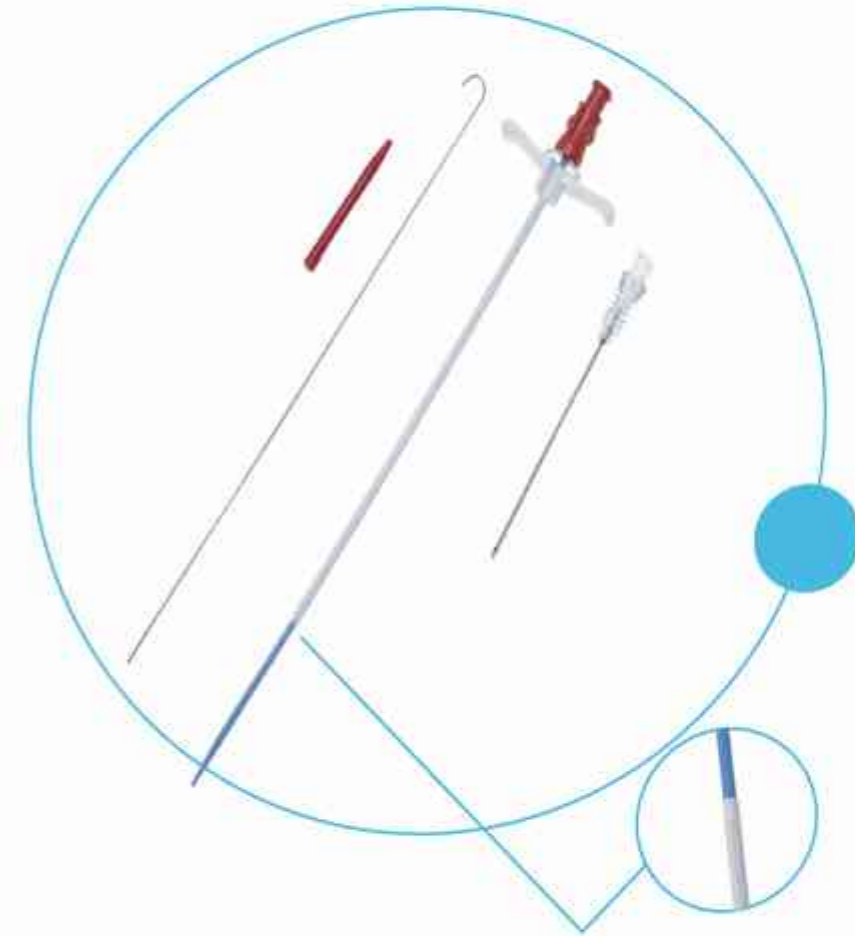


**DBT03R Bracket (Right Hand)**



**DFJ01 Auxilliary Table (Right Hand)**

## Peelable Introducer



- Atraumatic tapered tip for minimized vascular damage
- Balanced peel-off feelings
- Smooth transition from dilator to sheath

### Peelable Introducer

Ref. No.	Kit Content				
	French Size	Sheath Length(cm)	Guidewire Style	Needle Gauge(G)	Straighter
DPI07	7F	14	Length:45cm Diameter:0.038" Tip:J tip	18	Y
DPI08	8F				
DPI09	9F				
DPI10	10F				
DPI11	11F				
DPI12	12F				

