



IMT INNOVATIVE
MEDICAL
TECHNOLOGIES

Angiographic Syringes



Best quality angiographic syringes compatible with most injectors, amongst others: Medrad, Libel-Flarsheim, Nemoto Kyorindo, Biotel, Metron, Ezem or Seacrown (100% compatibility with all listed injectors). All of our products have CE certificate and conform with ISO (13485:2012 13485:2012/AC:2012) which conform the quality at the highest level

What is more, syringes can be combined in any combination with accessories below:



Accessories

Catalog number	Description
832651	Y Tube with Two Valves 375 PSI, 150 cm
832653	Coil Tube 375PSI, 150 cm
832656	Y Tube with One Valve 375, PSI 250 cm
832654	Y Tube with Two Valves 375, PSI 250 cm
832650	"J" fill tube
832655	Vented spike
832664	Y Tube with Two Valves (375 PSI, 15cm)

Catalog number		Capacity (ml)	Description	
Single	Double		Compatible with Medrad	
832601		200	CT:	MCT & plus, OP-100, VCT610, ECT710, Vistron
832603		150	DSA:	Mark V, Mark V Provis
832604		200	DSA:	Mark V, Mark V Provis
832605		60	DSA:	Mark V, Mark V Provis
832606		130	DSA:	Mark III, Mark IV
	832607	65	MRI:	Spectris
	832608	115	MRI:	Spectris
	832623	65/115	MRI:	Spectris
832630	832631	190	CT:	SALIENT
832602 A/B	832620	200	CT:	Stellant

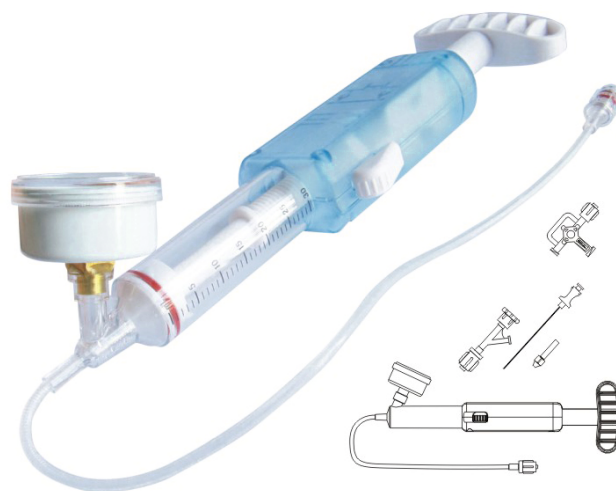
Single	Double		Compatible with Libel-Flarsheim	
832609	832621	200	CT:	CT9000, CT 9000 ADV, Optivantage
832610		150	DSA:	Angiomat 6000
832611		150	CT & DSA:	Angiomat Illumena
832612		100	DSA:	Angiomat 3000
	832613	60	DSA:	Optistar

Single	Double		Compatible with Nemoto Kyorindo	
832614	832622	100	CT:	A-25, A-60
832615	832633	200	CT:	A-25, A-60
832616		90	DSA:	M800
832617		120	DSA:	Nemoto 120S
832637	832618	60	DSA:	Nemoto Dualshot, Sonic Shot 50
	832632	100/200	CT:	A-25, Dualshot

Single	Double		Compatible with Metron	
832624	832625	200	CT:	Accutron

Single	Double		Compatible with EZEM	
832626	832627	200	CT:	Empower

Balloon Inflation Device Tourniquet



High pressure inflation device 0-30 atm. (scaled every 2 atm.). Can be used to fill the balloon dilation catheter. Very comfortable in use, with a safety lock which protects against self deflation and inflation. Our inflator enables precise inflation and fast deflation.



Catalog number	Capacity (ml)	Description
833103	20 ml	Balloon Inflation Device, Stopcock (Right ON)
833104	20 ml	Balloon Inflation Device, Stopcock (Right OFF)
833105	30 ml	Balloon Inflation Device, Stopcock (Right ON)
833106	30 ml	Balloon Inflation Device, Stopcock (Right OFF)
833109	20 ml	833103 + Hemostasis Valve Set (twist + torquer)
833110	20 ml	833104 + Hemostasis Valve Set (twist + torquer)
833111	30 ml	833105 + Hemostasis Valve Set (twist + torquer)
833112	30 ml	833106 + Hemostasis Valve Set (twist + torquer)
833115	20 ml	833103 + Hemostasis Valve Set (Push + torquer)
833116	20 ml	833104 + Hemostasis Valve Set (Push + torquer)
833117	30 ml	833105 + Hemostasis Valve Set (Push + torquer)
833118	30 ml	833106 + Hemostasis Valve Set (Push + torquer)

High quality tourniquet with accurate pressure strength control, can be used to pressure the radial artery after artery puncture.



Tourniquet

Catalog Number	Description
TM0567K	22cm x 3 cm (±0.05 cm)





- ***Ideal for CTO***
- ***Semi-Compliance***
- ***6F Guide Kissing***

Artimes is a semi-compliance pre-dilatation catheter which offers numerous features for enhanced crossability, flexibility and extraordinary rewrap to facilitate the physician and procedure. The balloon sizes 1.0 and 1.25mm are designed for small and narrow lesions and for the treatment of CTOs. There is no boundary to cross and no limitation, **GO FURTHER AND GO FASTER.**

- *Manicured and balanced 0.016" tip*
- *Enhanced balloon flexibility and crossability*
- *5F guiding catheter compatibility and 6F guiding catheter compatibility for kissing balloon technique*
- *Innovative shaft materials with unsurpassed kink resistance*

Balloon Specification

Balloon Diameter (mm)	1.0, 1.25, 1.5, 1.75, 2.0, 2.25, 2.5, 2.75, 3.0, 3.25, 3.5, 4.0
Balloon Length (mm)	5, 10, 15, 20, 30
Nominal Pressure	6atm
Rated Burst Pressure	14atm
Average Burst Pressure	20atm
Compliance	Semi-compliance
Balloon Pleats	2/3
Balloon Profile	0.021" (ϕ 1.0mm); 0.030" (ϕ 3.0mm)
Tip Length (mm)	1.5/2.0/2.5
Distal Shaft OD	2.36F/2.55F/2.7F
Proximal Shaft OD	1.9F
Guiding Catheter Compatibility	5F Compatible/6F compatible for kissing
Working Length (cm)	140
Coating	Slider™ Hydro from tip to adjacent guide wire port (external surface); Eel™ coating for guide wire lumen

What is more, our company also offers inflation devices used for inflating catheter balloons as well as other accessories needed for angioplasty procedures.





- *Ideal for CTO*
- *Semi-Compliance*
- *6F Guide Kissing*

Balloon Compliance

Pressure (atm)	1.0mm	1.25mm	1.5mm	1.75mm	2.0mm	2.25mm	2.5mm	2.75mm	3.0mm	3.25mm	3.5mm	4.0mm
2	0.90	1.15	1.40	1.65	1.87	2.15	2.36	2.60	2.82	3.05	3.30	3.78
4	0.95	1.20	1.45	1.70	1.94	2.20	2.45	2.67	2.91	3.15	3.40	3.90
6 (NOM)	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50	4.00
8	1.05	1.30	1.55	1.80	2.05	2.35	2.57	2.85	3.10	3.35	3.63	4.13
10	1.10	1.35	1.60	1.85	2.11	2.40	2.64	2.95	3.18	3.45	3.74	4.25
12	1.15	1.40	1.65	1.90	2.19	2.50	2.71	3.00	3.27	3.55	3.85	4.35
14 (RBP)	1.20	1.45	1.70	1.95	2.25	2.55	2.80	3.05	3.35	3.65	3.95	4.45
16	1.23	1.50	1.75	2.00	2.32	2.60	2.85	3.15	3.45	3.75	4.05	4.58
18	1.25	1.55	1.80	2.05	2.38	2.68	2.93	3.25	3.55	3.85	4.15	4.68

Ordering Information

Balloon	Balloon Length/Product Code				
Diameter	5mm	10mm	15mm	20mm	30mm
1.0mm	801-1005	801-1010	801-1015	801-1020	801-1030
1.25mm	801-1205	801-1210	801-1215	801-1220	801-1230
1.5mm	801-1505	801-1510	801-1515	801-1520	801-1530
1.75mm	801-1705	801-1710	801-1715	801-1720	801-1730
2.0mm	801-2005	801-2010	801-2015	801-2020	801-2030
2.25mm	801-2205	801-2210	801-2215	801-2220	801-2230
2.5mm	801-2505	801-2510	801-2515	801-2520	801-2530
2.75mm	801-2705	801-2710	801-2715	801-2720	801-2730
3.0mm	801-3005	801-3010	801-3015	801-3020	801-3030
3.25mm	801-3205	801-3210	801-3215	801-3220	801-3230
3.5mm	801-3505	801-3510	801-3515	801-3520	801-3530
4.0mm	801-4005	801-4010	801-4015	801-4020	801-4030



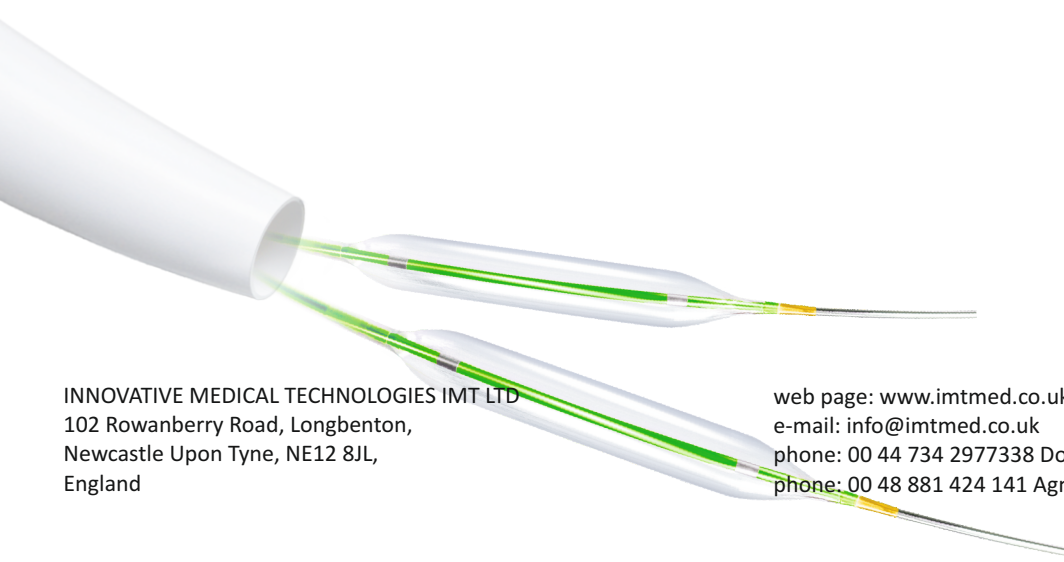
- **High Pressure**
- **Non-Compliance**
- **6F Guide Kissing**

Apollo is a truly non-compliance high pressure post-dilatation catheter which offers numerous features for enhanced robust & non-compliance balloon, extraordinary minor balloon axial growth while inflation and 6F guiding catheter compatible. The balloon sizes 2.0-5.0mm and length 8-18mm. The average balloon burst pressure is 30atm.

- *Manicured and balanced 0.016" tip*
- *Nominal @12atm and Rated Burst Pressure @ 22atm*
- *Minimal Balloon Compliance, 0.55% from nominal to Rated Burst Pressure (RBP)*
- *Axial Balloon Growth, 3% from Nominal to Rated Burst Pressure*
- *Average burst pressure 30atm*
- *5F guiding catheter compatibility and 6F guiding catheter compatibility for kissing balloon technique*
- *Innovative shaft materials with unsurpassed kink resistance*

Balloon Specification

Balloon Diameter (mm)	2.0, 2.25, 2.5, 2.75, 3.0, 3.25, 3.5, 3.75, 4.0, 4.5, 5.0
Balloon Length (mm)	8, 10, 12, 15, 18
Nominal Pressure	12atm
Rated Burst Pressure	22atm (ϕ 2.0-4.0mm) 20atm (ϕ 4.5-5.0mm)
Average Burst Pressure	30atm
Compliance	Non-compliance, 0.55%
Balloon Pleats	3
Tip Length (mm)	2.0/2.5
Distal Shaft OD	2.55F/2.6F
Proximal Shaft OD	2.0F
Guiding Catheter Compatibility	5F Compatible/6F compatible for kissing
Working Length (cm)	140
Coating	Slider™ Hydro from tip to adjacent guide wire port (external surface); Eel™ coating for guide wire lumen





- **High Pressure**
- **Non-Compliance**
- **6F Guide Kissing**

Balloon Compliance

Pressure (atm)	2.0mm	2.25mm	2.5mm	2.75mm	3.0mm	3.25mm	3.5mm	3.75mm	4.0mm	4.5mm	5.0mm
8	1.96	2.20	2.45	2.69	2.94	3.18	3.42	3.67	3.90	4.35	4.92
10	1.98	2.23	2.47	2.72	2.97	3.22	3.46	3.71	3.95	4.43	4.96
12 (NOM)	2.00	2.25	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.50	5.00
14	2.02	2.27	2.53	2.78	3.03	3.29	3.54	3.79	4.05	4.55	5.07
16	2.04	2.30	2.56	2.81	3.07	3.32	3.58	3.83	4.10	4.62	5.14
18	2.07	2.33	2.58	2.84	3.10	3.36	3.63	3.88	4.16	4.69	5.22
20	2.09	2.35	2.61	2.87	3.13	3.40	3.67	3.92	4.21	4.75	5.28
22 (RBP)	2.11	2.38	2.64	2.90	3.17	3.43	3.72	3.96	4.27	4.82	5.35
24	2.14	2.40	2.67	2.94	3.20	3.47	3.76	4.00	4.32	4.89	5.40
26	2.16	2.43	2.70	2.97	3.24	3.51	3.80	4.05	4.38	4.97	5.49
28	2.18	2.46	2.73	3.00	3.27	3.55	3.85	4.09	4.44	5.00	5.57
30	2.21	2.48	2.76	3.03	3.31	3.59	3.90	4.14	4.49	5.05	5.63

Ordering Information

Balloon	Balloon Length/Product Code				
Diameter	8mm	10mm	12mm	15mm	18mm
2.0mm	802-2008	802-2010	802-2012	802-2015	802-2018
2.25mm	802-2208	802-2210	802-2212	802-2215	802-2218
2.5mm	802-2508	802-2510	802-2512	802-2515	802-2518
2.75mm	802-2708	802-2710	802-2712	802-2715	802-2718
3.0mm	802-3008	802-3010	802-3012	802-3015	802-3018
3.25mm	802-3208	802-3210	802-3212	802-3215	802-3218
3.5mm	802-3508	802-3510	802-3512	802-3515	802-3518
3.75mm	802-3708	802-3710	802-3712	802-3715	802-3718
4.0mm	802-4008	802-4010	802-4012	802-4015	802-4018
4.5mm	802-4508	802-4510	802-4512	802-4515	802-4518
5.0mm	802-5008	802-5010	802-5012	802-5015	802-5018

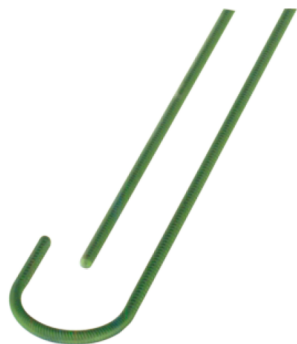


PTFE Coating Guide Wires

Features:

- Coating: PTFE
- Core material: Stainless Steel

Dimensions	
OD Range	0.021" - 0.038"
Length Range	50 cm - 300 cm
J Radius	1.5mm-15mm



Pre-coating

Product No.				Length cm	Tip form
0.025"	0.032"	0.035"	0.038"		
831201	831301	831401	831501	150	Straight
832202	831302	831402	831502	150	J
831203	831303	831403	831503	260	Straight
831204	831304	831404	831504	260	J

Hemostasis Valve Sets

Contents:

- Hemostasis Valve
- Guidewire Insertion Tool
- Torque Device (Red)

Product No.	Description
832901	Twist Y Connector
832902	Push pull Y Connector
832903	Push pull Y connector with 25cm extension line and stopcock
832904	Push pull Y connector with 45cm extension line and stopcock
832905	Y Click Type
832906	Twist Y Connector with 25cm extension line and stopcock
832907	Y Click Type with 25cm extension line and stopcock





Introducer Set

Radiopaque introducer with a hemostatic valve and stopcock side. Thanks to the highest quality materials the sets are durable and resistant to bending and breaking. Smooth atraumatic design allows convenient and quick entry of the intraductor.

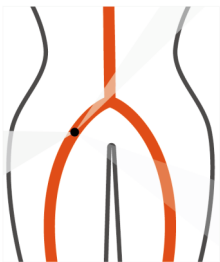
Contents:

- Introducer sheath+dilator
- Syringe
- Scalpel
- Introducer needle
- Guide Wire



Set to Femoral Artery

Catalog number	Diameter (Fr.)	Length	Guidewire	Needle
835101 / 835131 / 835161	4	7	0.018" / 0.025" / 0.021"	20G x 3.2cm / 20G x 3.2cm / 20G x 3.8cm
835102 / 835131 / 835161	5	7	0.018" / 0.025" / 0.021"	20G x 3.2cm / 20G x 3.2cm / 20G x 3.8cm
835103 / 835131 / 835161	6	7	0.018" / 0.025" / 0.021"	20G x 3.2cm / 20G x 3.2cm / 20G x 3.8cm
835104 / 835131 / 835161	7	7	0.018" / 0.025" / 0.021"	20G x 3.2cm / 20G x 3.2cm / 20G x 3.8cm
835105 / 835135 / 835165	4	9	0.018" / 0.025" / 0.021"	20G x 3.2cm / 20G x 3.2cm / 20G x 3.8cm
835106 / 835136 / 835166	5	11	0.018" / 0.025" / 0.021"	20G x 3.2cm / 20G x 3.2cm / 20G x 3.8cm
835107 / 835137 / 835167	6	11	0.018" / 0.025" / 0.021"	20G x 3.2cm / 20G x 3.2cm / 20G x 3.8cm
835108 / 835138 / 835168	7	11	0.018" / 0.025" / 0.021"	20G x 3.2cm / 20G x 3.2cm / 20G x 3.8cm
835110 / 835140 / 835170	5	16	0.018" / 0.025" / 0.021"	20G x 3.2cm / 20G x 3.2cm / 20G x 3.8cm
835111 / 835141 / 835171	6	16	0.018" / 0.025" / 0.021"	20G x 3.2cm / 20G x 3.2cm / 20G x 3.8cm
835112 / 835142 / 835172	7	16	0.018" / 0.025" / 0.021"	20G x 3.2cm / 20G x 3.2cm / 20G x 3.8cm



Set to Radial Artery

Catalog number	Diameter (Fr.)	Length	Guidewire	Needle
834901 / 835001 / 835051	4	9	0.021"	20G x 3.8cm
834902 / 835002 / 835052	5	11	0.038"	18G x 6.5cm
834903 / 835003 / 835053	6	11	0.038"	18G x 6.5cm
834904 / 835004 / 835054	7	11	0.038"	18G x 6.5cm
834905 / 835005	8	11	0.038"	18G x 6.5cm
834906	9	11	0.038"	18G x 6.5cm
834907	10	11	0.038"	18G x 6.5cm
834908 / 835006 / 835055	4	19	0.021"	20G x 3.8cm
834909 / 835007 / 835056	5	23	0.038"	18G x 6.5cm
834910 / 835008 / 835057	6	23	0.038"	18G x 6.5cm
834911 / 835009 / 835058	7	23	0.038"	18G x 6.5cm
834912 / 835010	8	23	0.038"	18G x 6.5cm
834913	9	23	0.038"	18G x 6.5cm
834914	10	23	0.038"	18G x 6.5cm

Titanium / Polymer Clips and Clip Appliers



The highest quality titanium clips, internally grooved, compatible with the majority of clip applicators available on the European market, perfect for both laparoscopic and open surgeries. The shape of the clip allows you to completely seal the vessel which prevents it from slipping. Clips are closed, which prevents slipping out of the crimped container. Cartridges are available with adhesive or without.

- Strict quality control of materials and processes to guarantee the product safety
- Different colours for different types of clips
- Dedicated clip applicator for each size of clips
- Millions of clips used worldwide



Product	Laparoscopy Surgery	Open Surgery	Size	Description	Package
Titanium Clip	191-00016	221-00516	S	Small	36 cartridges/box
Titanium Clip	191-00026	221-00526	M	Medium	36 cartridges /box
Titanium Clip	191-00036	221-00536	ML	Medium-Large	20 cartridges /box
Titanium Clip	191-00046	221-00546	L	Large	20 cartridges /box
Small clip applicator	221-55116	-	S	-	1 / Each
Medium clip applicator	221-05126	-	M	-	1 / Each
Medium Large clip applicator	221-05136	-	ML	-	1 / Each
Large clip applicator	221-05146	-	L	-	1 / Each



Polymer Clips

Implantable non-absorbable ligating clips are intended to be used in ligating vessel / tissue bundle for open or laparoscope surgery. The clips are made of polymeric material. Construction of the clips prevents slicing effect

Product	Catalogue number	Size	Vessel / Use	Package
XL clip	MH-B 101	XL	7 - 16 mm	6 or 4 clips in one cartridge.
L clip	MH-B 102	L	5 – 13 mm	
ML clip	MH-B 103	ML	3 – 6 mm	
XL clip applicator	MH-B201-1	XL	Laparoscopy	1 / Each
L clip applicator	MH-B201-2	L	Laparoscopy	1 / Each
ML clip applicator	MH-B201-3	ML	Laparoscopy	1 / Each

Disposable Laparoscopic Instruments

- Smooth action colourful knobs for easier distinction
- Lightweight - weighs less than 90g
- Easy and precise jaw motion and maximum opening
- Ergonomic handle design for comfortable grip
- On/off ratchet mechanism



Product	Catalogue No.	Description	Knob colour
Curved Maryland Dissecting Forceps	302.802	Ø5×330mm	Dark green
Babcock Grasping Forceps	302.842	Ø5×330mm	Orange
Bipolar Single Action Maryland Dissecting Forceps	302.901	Ø5×330mm	Yellow
Clinch Grasping Forceps	302.823	Ø5×330mm	Light green
Fenestrated Johan Grasping Forceps	302.822	Ø5×330mm	Blue
Single Action Fenestrated Johan Grasping Forceps	302.838	Ø5×330mm, jaw length 22mm	Blue
Single Action Fenestrated Johan Grasping Forceps	302.839	Ø5×330mm, jaw length 40mm	Blue
Straight Metzenbaum Scissors	302.811	Ø5×330mm	Dark Grey
Curved Metzenbaum Scissors	302.812	Ø 5×330mm	Dark Grey
Curved Metzenbaum Micro Scissors	302.813	Ø 5×330mm	Dark Grey
Fully Insulated Curved Metzenbaum Scissors	302.815	Ø 5×330mm	Dark Grey

Disposable Suction-Irrigation Tube



- Ergonomic design for easy use
- One-way valve prevents the saline from returning
- Differentiated colour buttons and tube for easy identification
- Smooth movement of the hand piece prevents fatigue during the operation

Product	Catalogue No.	Description	Parameters
Disposable suction- irrigation	302.921	• PVC tube • Plastic spike and clamp • Medical stainless steel • Probe with 8 vent	• Tube length: 3000mm • Probe length: 330mm • Probe diameter: 5mm • Sterile

Representative:



INNOVATIVE MEDICAL TECHNOLOGIES IMT LTD
102 Rowanberry Road, Longbenton,
Newcastle Upon Tyne, NE12 8JL,
England

web page: www.imtmed.co.uk
e-mail: info@imtmed.co.uk
phone: 00 44 734 2977338 Dominika Tomaszewska
phone: 00 48 881 424 141 Agnieszka Pawlicka