

Urodynamics

For more than 25 years Mediplus has been manufacturing a range of catheters specifically designed for most urodynamics procedures. In that time the Company has introduced a number of innovative features to help the clinician carry out the urodynamics procedure – many of these features have now been copied by competitors but their products have never equalled or surpassed our original design.

A full range of urodynamics catheters and accessories is offered including pump tubing sets and transducer domes for other manufacturers' equipment

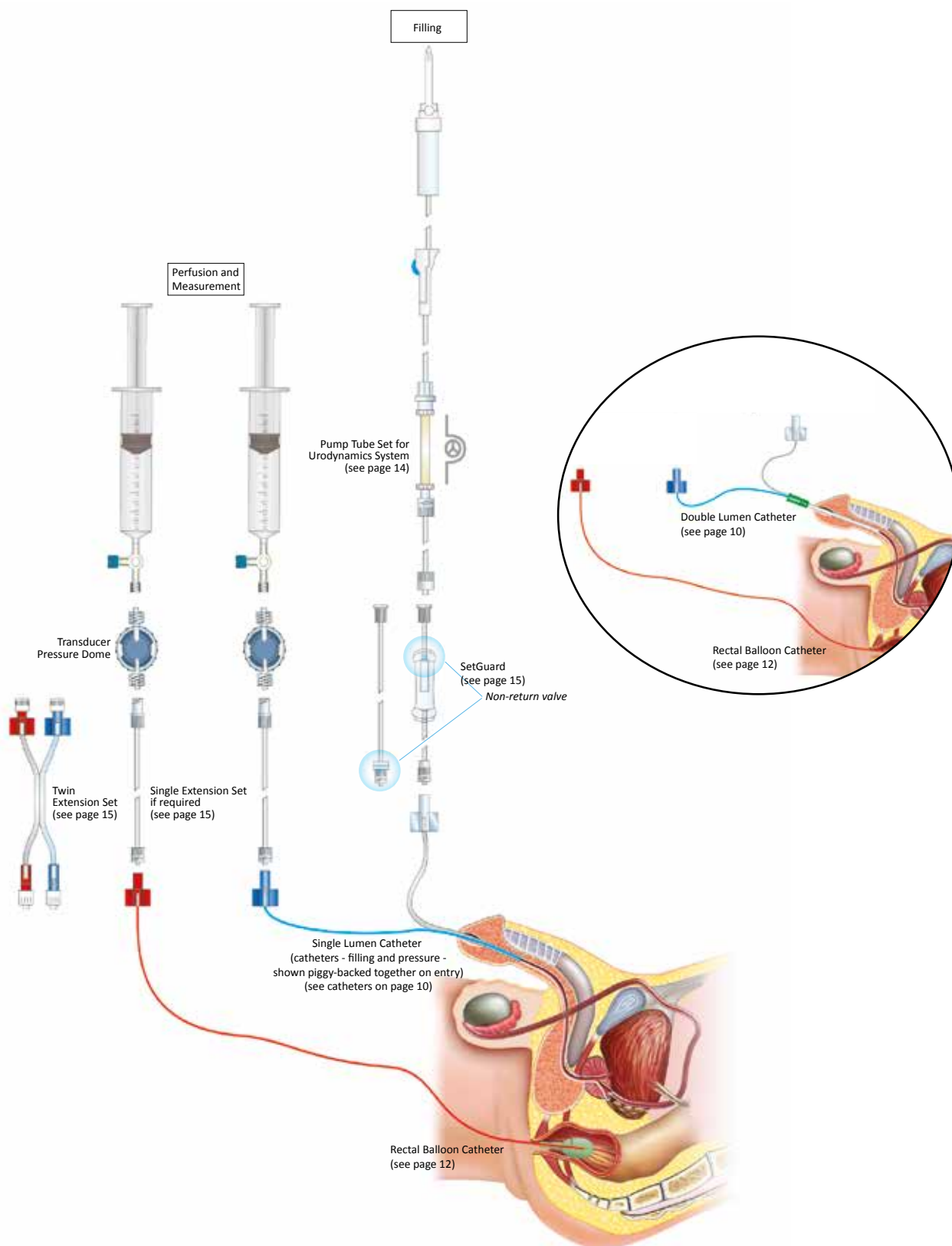
Catheter features include:

- Colour coded lines, red for rectal and blue for bladder
- Extension lines of sufficient length to reach from the patient to the urodynamics machine are integrated into the catheter during manufacture. This eliminates the need to buy separate extension lines. More importantly, it reduces the number of connections in the fluid system (each unnecessary connection is a possible site for micro air bubbles to form and affect the accuracy of pressure measurement).
- Winged luers to aid connection to and release from the pump tubing or other accessories
- Asymmetric lumens in the double and triple catheters where the filling lumen is larger than the pressure measuring lumen. This facilitates an adequate bladder filling rate from a smaller French size catheter, which aids pressure measurement during the voiding phase of the procedure.
- For clinicians who prefer to use single lumen separate bladder filling and bladder pressure catheters, the filling catheter has a diamond-shaped eye which improves release of the bladder pressure catheter during the 'piggy-back' technique of catheter introduction into the bladder
- The introduction of single lumen rectal pressure measuring catheters. By using a flap valve or a vented balloon at the proximal tip of the catheter, air can be easily expelled from the catheter lumen during the filling phase of the procedure. The single lumen rectal catheters are smaller than double lumen rectal catheters and, therefore, more comfortable for the patient - and much less expensive.
- A triple lumen catheter designed for Urethral Pressure Profile measurement where a low profile collar is placed on either side of the urethral pressure measuring eye. This creates a 360° ring of fluid around the circumference of the catheter whilst measuring the urethral pressure. This means the variation of pressure in the urethra is averaged, which improves the accuracy of the test.



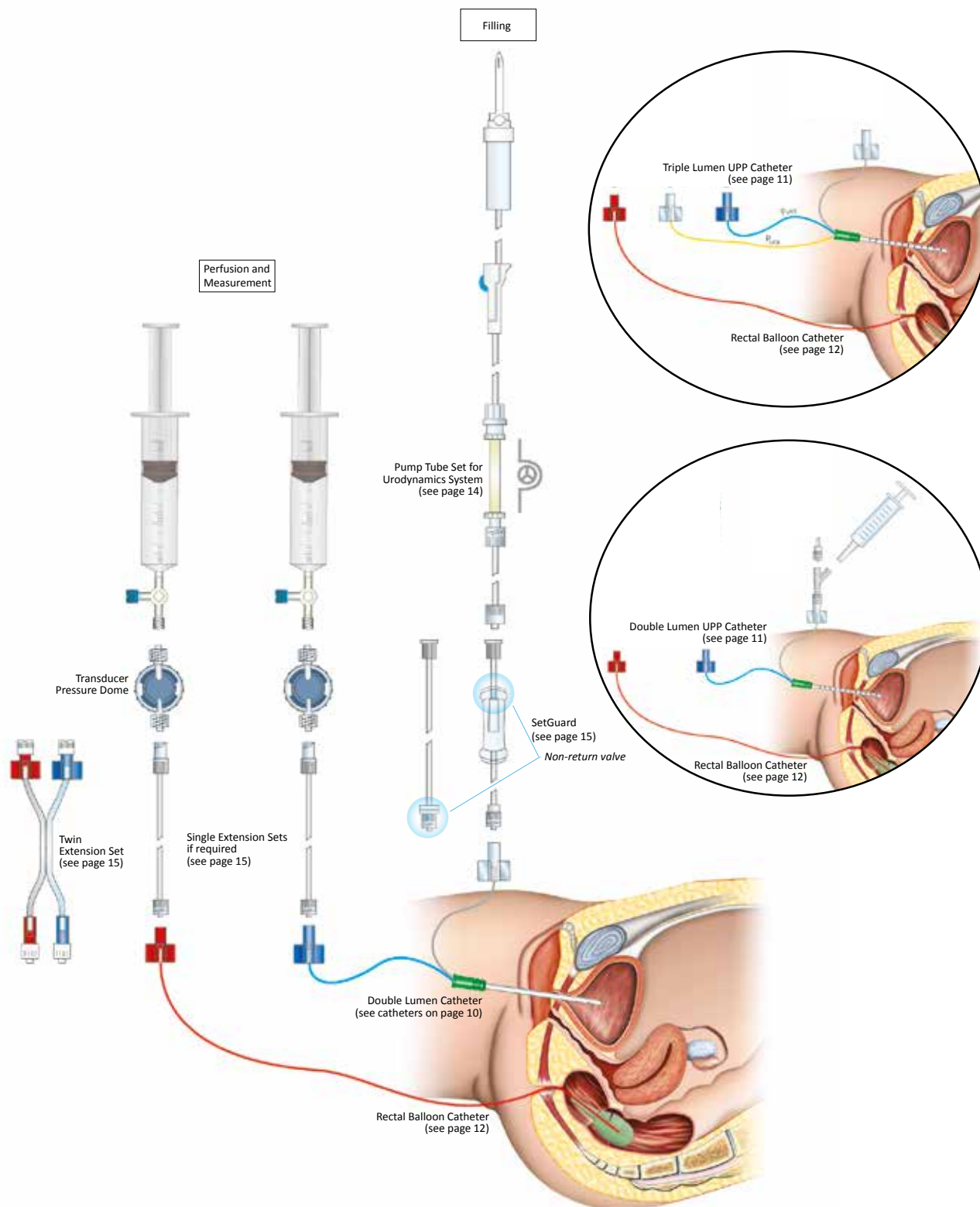
Male Urodynamics

Many different configurations of urodynamics “circuit” are used throughout the world. This illustration shows a typical UK/European configuration but whatever your requirements, Mediplus can supply all the components to suit your needs.



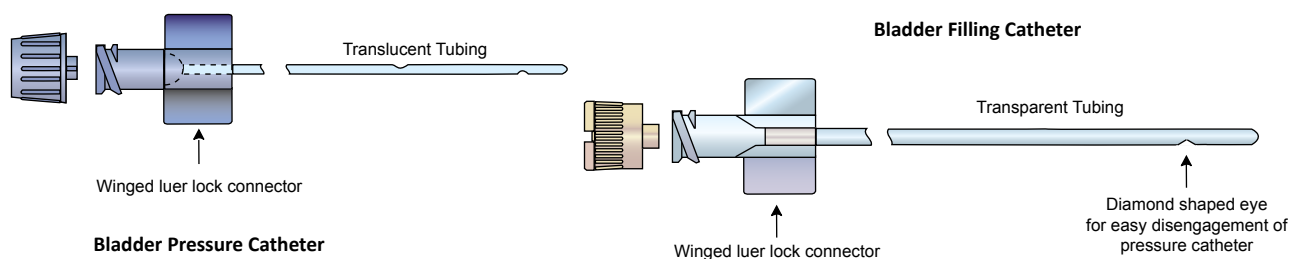
Female Urodynamics

Many different configurations of urodynamics “circuit” are used throughout the world. This illustration shows a typical UK/European configuration but whatever your requirements, Mediplus can supply all the components to suit your needs.

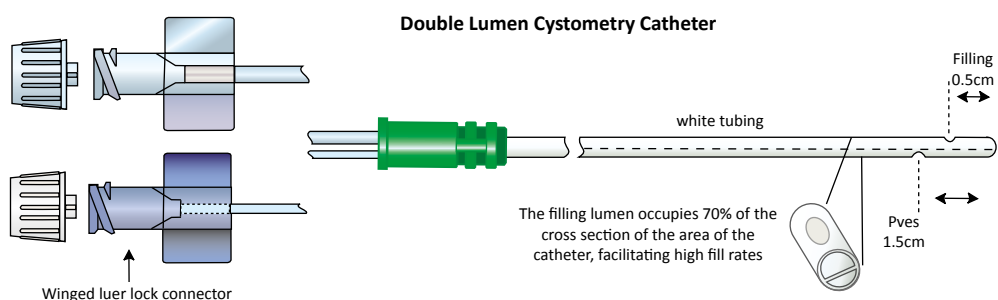


Urodynamics Catheters

Product Code	Description	Size	Length	Box Quantity
Single Lumen Filling & Cystometry Catheters				
5100N	Bladder Pressure Catheter, Nylon	3.3 Fr./Ch.	200cm	25
5100	Bladder Pressure Catheter, PVC	4.5 Fr./Ch.	200cm	25
5206	Bladder Filling Catheter, PVC	6 Fr./Ch.	40cm	10
5208	Bladder Filling Catheter, PVC	8 Fr./Ch.	40cm	10
5200	Bladder Filling Catheter, PVC	10 Fr./Ch.	40cm	10
5200S	Bladder Filling Catheter, PVC - Soft	10 Fr./Ch.	40cm	10
5212	Bladder Filling Catheter, PVC	12 Fr./Ch.	40cm	10
Air-filled Catheters				
5900	Exeter Catheter, Micro balloon, hard luer connector	6 Fr./Ch.	60cm	10
5901	Micro balloon, soft luer connector	6 Fr./Ch.	60cm	10



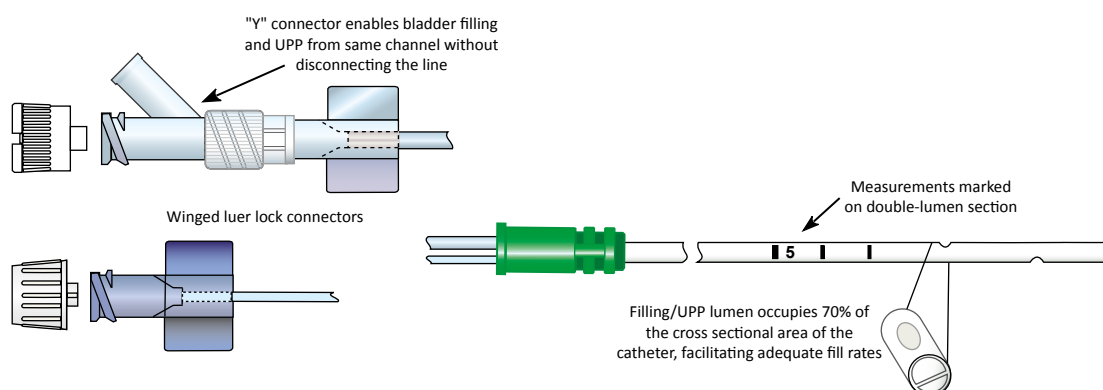
Product Code	Description	Size	Filling	Line Lengths Pressure	Multi-lumen	Box Quantity
Double Lumen Cystometry Catheters						
5716	Cystometry Catheter	6 Fr./Ch.	15cm	130cm	65cm	10
5717	Cystometry Catheter (short)	6 Fr./Ch.	15cm	130cm	20cm	10
5736	Cystometry Catheter (standard)	6 Fr./Ch.	7cm	7cm	30cm	10
5702	Cystometry Catheter	8 Fr./Ch.	15cm	130cm	65cm	10
5703	Cystometry Catheter	8 Fr./Ch.	15cm	130cm	30cm	10
5732	Cystometry Catheter	8 Fr./Ch.	7cm	7cm	30cm	10
5712	Cystometry Catheter	10 Fr./Ch.	15cm	130cm	65cm	10



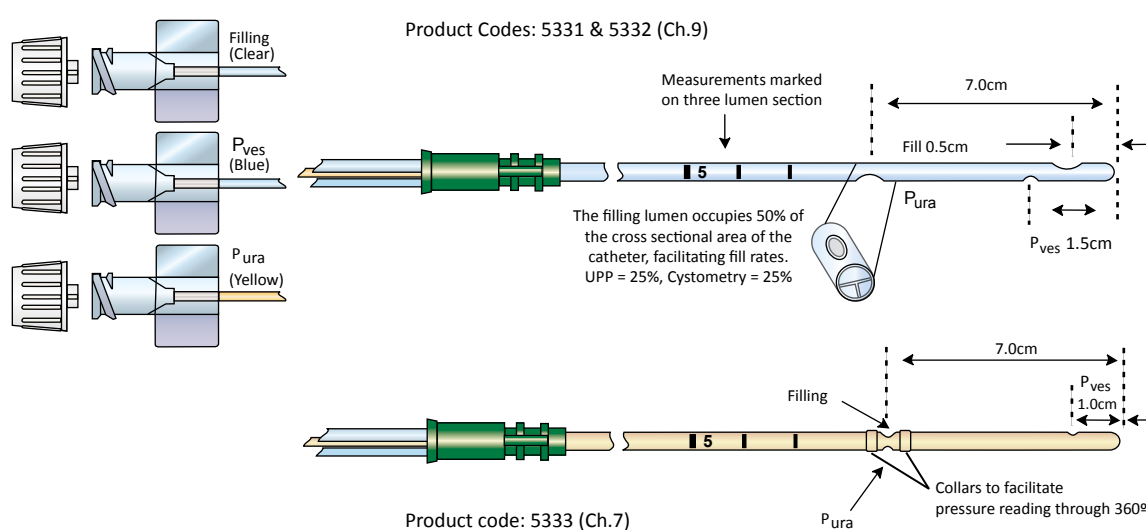
Product Code	Description	Size	Filling	Line Lengths Pressure	Multi-lumen	Box Quantity
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Urethral Pressure Profile Catheters

5300	Single Lumen Catheter	8 Fr./Ch.	-	-	40cm	10
5724Y	Double Lumen with Y connector	6 Fr./Ch.	15cm	130cm	65cm	10
5704	Double Lumen Catheter	8 Fr./Ch.	15cm	15cm	65cm	10
5706	Double Lumen, extended lines	8 Fr./Ch.	130cm	130cm	65cm	10
5704Y	Double Lumen with Y connector	8 Fr./Ch.	15cm	130cm	65cm	10
5333	Triple Lumen (Polyurethane)	7 Fr./Ch.	12cm	130cm	40cm	10
5331	Triple Lumen (PVC)	9 Fr./Ch.	15cm	130cm	50cm	10
5332	Triple Lumen (short) - packed coiled	9 Fr./Ch.	15cm	15cm	50cm	10
5335	Triple Lumen (short) - packed straight with sheath	9 Fr./Ch.	15cm	15cm	35cm	10



Double Lumen UPP Catheter - Product Code 5704Y

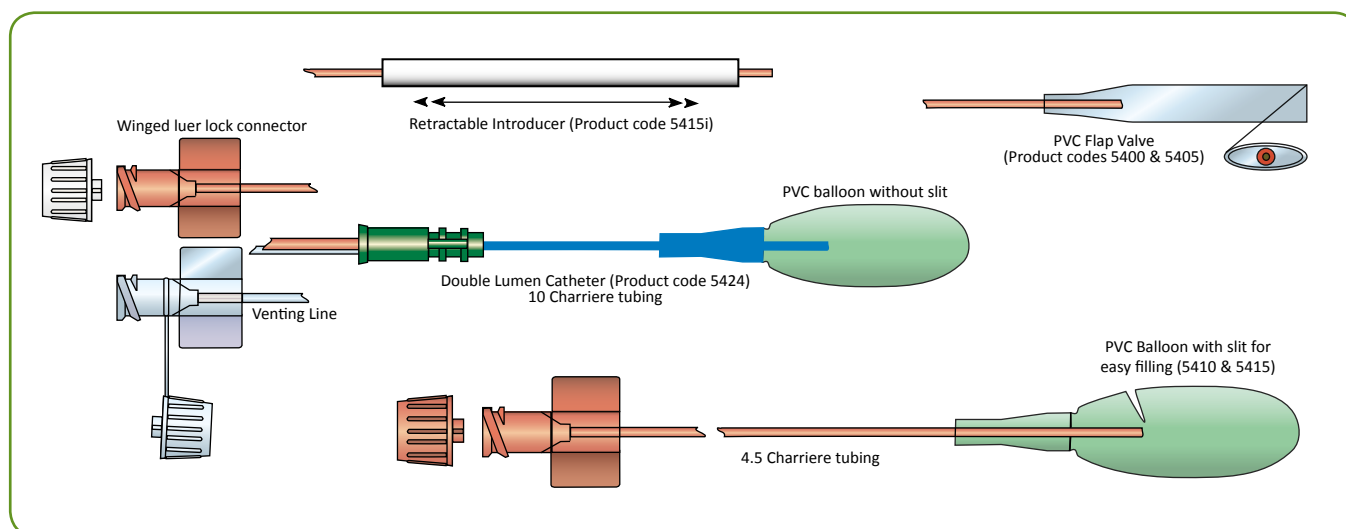


Triple Lumen UPP Catheters

Abdominal (Rectal) Pressure Catheters

Product	Description	Size	Balloon	Sterile	Length	Box Quantity
Abdominal (Rectal Pressure Catheters)						
5145	Rectal Catheter (special order)	4.5 Fr./Ch.		✓		100
5400	Rectal Catheter	4.5 Fr./Ch.	PVC flap valve	✓	200cm	25
5405	Rectal Catheter	4.5 Fr./Ch.	PVC flap valve	✗	200cm	25
5410	Rectal Catheter	4.5 Fr./Ch.	PVC with slit	✓	200cm	25
5415	Rectal Catheter	4.5 Fr./Ch.	PVC with slit	✗	200cm	25
5435	Rectal Catheter	4.5 Fr./Ch.	PVC with slit (small)	✗	200cm	25
5415i	Rectal Catheter with introducer	4.5 Fr./Ch.	PVC with slit	✗	200cm	25
5457	Rectal Catheter	10 Fr./Ch.	PVC with slit	✗	38.5cm	10
5424	Rectal Catheter - Double Lumen*	10 Fr./Ch.	PVC	✗	38.5cm	10
5450	Rectal Catheter	21 Fr./Ch.	PVC	✓	35cm	10

*Note: Cystometry lines provide additional 130cm length.



Product Code	Description	Size		Quantity
		Cystometry Catheter	Rectal Catheter	
Cystometry Sets (sterile)				
5104	Cystometry & Rectal Catheter with introducer Set [5716+5415i]	6 Fr./Ch.	4.5 Fr./Ch.	10
5105	Cystometry & Rectal Catheter with introducer Set [5702+5415i]	8 Fr./Ch.	4.5 Fr./Ch.	10
5106	Cystometry & Rectal Catheter Set [5716+5415]	6 Fr./Ch.	4.5 Fr./Ch.	10
5108	Cystometry & Rectal Catheter Set [5702+5415]	8 Fr./Ch.	4.5 Fr./Ch.	10

Pump Tube and Filling Sets

A well designed Pump Tube Set is an important component in the smooth running of urodynamics tests such as filling and voiding cystometry. Mediplus Pump Tube Sets are designed to work with the appropriate peristaltic pump to deliver fluid at a predetermined flow rate. Each set terminates in a rotating male luer connector for secure connection to urodynamic catheters and offers excellent value for money.

Product Code	Description	Box Quantity
5001	Pump tube Set - Mediwatch/Medtronic/Dantec	25
5872	Pump tube Set - Medtronic/Dantec	25
5801/1	Pump tube Set - Lectromed	25
5806	Pump tube Set - Laborie	25
5807	Pump tube Set - Laborie (with detachable Pump Tube)	25
5812	Pump tube Set - Neomedix	25
5820	Pump tube Set - MMS UD2000	25
5822	Pump tube Set - MMS Libra, Libraplus and Solar	25
5832	Pump tube Set - Lifetech	25
5833	Pump tube Set - Peters	25
5834	Pump tube Set - Andromeda	25
5840	Pump tube Set - Sedia	25
7435	Pump Tube Set - Prometheus	25
5180	Damping Tube Set	50
5850	Gravity Fill Set, 1.8m, luer lock connector	50
5851	Gravity Fill Set, 1.8m, fir tree connector	50



Product Code 5807

Extension Sets

Product Code	Description	Tubing i.d./o.d.	Length	Box Quantity
9003	Male/female luer lock	1.5mm / 3.10mm	5cm	50
9015	Male/female luer lock	1.5mm / 3.10mm	15cm	50
9025	Male/female luer lock	1.5mm / 3.10mm	25cm	50
9050	Male/female luer lock	1.5mm / 3.10mm	50cm	50
9100	Male/female luer lock	1.5mm / 3.10mm	100cm	50
9111	Double extension set (Siamese tube)	1.5mm / 3.10mm	100cm	20
9115	Double extension set (Siamese tube)	1.5mm / 3.10mm	150cm	20
9150	Male/female luer lock	1.5mm / 3.10mm	150cm	50
9200	Male/female luer lock	1.5mm / 3.10mm	200cm	50
91250	Blue stripe tube	1.5mm / 3.10mm	125cm	50
91255	Red stripe tube	1.5mm / 3.10mm	125cm	50
5182	SetGuard	3.5mm / 5.50mm	30cm	25
5183	Extension Set with one-way valve	3.0mm / 4.10mm	20cm	20



Product codes 9111 & 9115



Product code 91255

SETGUARDS - A short connecting tube incorporating a non-return valve, designed to fit between a pump tube set and filling catheter, which ensures the pump tube set remains free from contamination caused by back-flow from the catheter. Supplied sterile for single-use, these products enable pump tube sets to be used more than once safely and with no risk to patients.



Product Code 5182



Product Code 5183

Catheter Flushing Sets

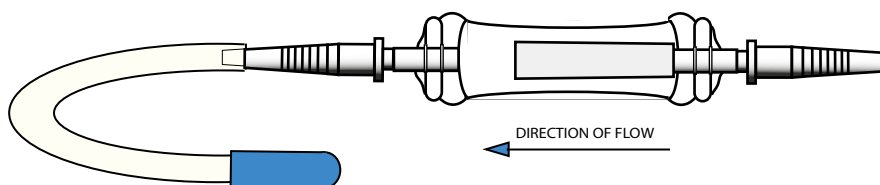
Mediplus Catheter Flushing Sets are used to perform perfusion of water pressure transducers. A pressure cuff is needed for perfusion, and thin tubes are used to control a transducer flow of 0.5ml/min.

Product Code	Description	Length	Box Quantity
5620	Catheter Flushing Set - 3-way, male luer locks	150cm	25
5625	Catheter Flushing Set - 3-way, female luer locks	240cm	25
5626	Catheter Flushing Set - 2-way, female luer locks	240cm	25



Cystoscopy Sets

Product Code	Description	Box Quantity
9800	Cystoscopy Set, spike with luer	20
9803	Cystoscopy Set with connection tube, Baxter spike	20
9806	CystoSetGuard (tubing i.d. 4.8mm / o.d. 9.2mm)	50
9808	CystoSetGuard, extended (bundle), non-sterile	25

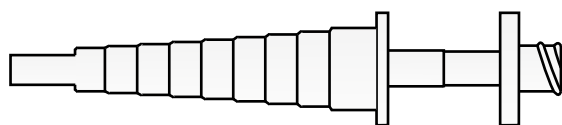


CystoSetGuard*, an innovative product for cystoscopy, is a simple extension set incorporating a one-way valve to prevent back-flow into cystoscopy tubing, facilitating safe multiple use of the fluid and administration sets. Designed for ease of use and to make a significant cost saving on cystoscopy consumables, it also reduces waste and makes environmental savings on urology disposables.

*A. Thompson, I. Pearce, E. Robinson, T.J. Ladds and S.R. Payne. Bacteriological safety and cost-effectiveness of a nonrefluxing valve in the irrigation system during outpatient flexible cystoscopy. BJU International (2000), 85, 1019-1022.

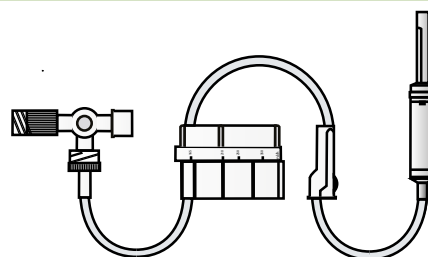
Urology Accessories

Product Code	Description	Box Quantity
5600	Fir Tree Female Luer Connector	25
5603	Flow Control Set for Urodynamics or GI	20
5610	CystoAid urine collection device with tube for female voiding cystography	10
9879	Urology Y-Set with one-way valve	20
5640	Meatal Dilator	10



Fir Tree Female Luer Connector - Product code 5600

The Fir Tree Female Luer Connector enables the connection of a Foley catheter or a Nelaton catheter to be converted into a female luer. Useful when a giving set or drainage system terminates in a male luer.



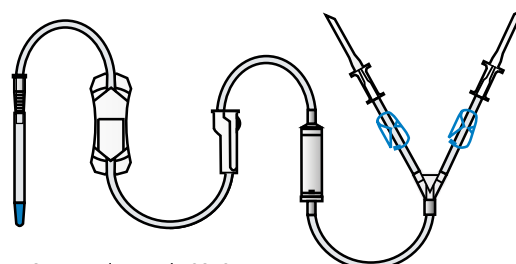
Flow Control Set - Product code 5603

The Flow Control Set is for Urodynamics or GI to provide accurate control of the amount of fluid flow from 0-350mls per hour.



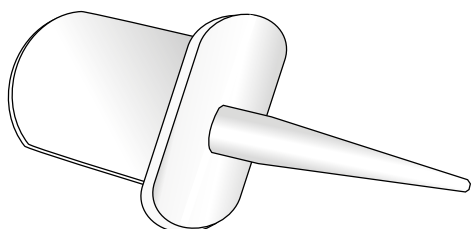
CystoAid – Product code 5610

CystoAid urine collection device with tube for female voiding cystography.



Urology Y-Set - Product code 9879

Urology Y-Set with one-way valve for fluid administration; to deliver fluid into the bladder from two containers. For flexi or rigid cystoscopy.



Meatal Dilator - Product code 5640

The Mediplus Meatal Dilator is purpose designed for patient use to dilate the external urethral meatus or mitrofanoff stoma. Made from solid polyurethane, it tapers down from a size of 15Fr. to 6Fr. at the tip. It is flexible enough not to be likely to cause trauma and to configure to the direction of the urethra or Mitrofanoff tube but rigid enough to allow the patient to handle the dilator with ease.