

MALVERN MEDICAL DEVELOPMENTS



Product Brochure 2024-2025

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ABOUT US:

With over 30 years' experience in the medical devices industry, the high quality of Malvern Medical Developments OEM products is well known. We bring extensive knowledge and understanding to the design, development and product manufacturing, giving customers the highest quality products at the most economic price. We are continuously investigating new areas of medical development with the help of consultants, other companies and interested parties.

Currently we manufacture a range of over 250 different medical products, including human and veterinary products, for use in urodynamics, manometry and more.

All devices are manufactured in two certified class 8 cleanrooms, with production capabilities to create a product from start to finish. We ensure that we do not just comply with, but also exceed, all of the relevant regulations which concern the safety and production methods that are associated with our products.



DESIGN AND PRODUCTION CAPABILITIES:

- Full product design
- Prototype development
- Single and multi-lumen tube extrusion
- Sterilisation (Gamma and ETO)
- Injection moulding
- Insert moulding
- Tip forming
- Eye drilling and punching
- Assembly
- Packing, labelling & barcoding



URODYNAMICS

BLADDER FILLING CATHETERS		
CODE	SIZE	LENGTH (mm)
100060001	6FG	385
100060015	6FG	400
100080001	8FG	385
100080014	8FG	400
100100001	10FG	385
100100010*	10FG	385
100100008	10FG	400

*softer tubing

BLADDER PRESSURE CATHETERS		
CODE	SIZE	LENGTH (mm)
100045001	4.5FG	2000
100045002	4.5FG	2600



Double Lumen Urodynamic Catheters are manufactured in various sizes and lengths. Allowing patient catheterisation with simultaneous bladder filling and pressure measurement.

DOUBLE LUMEN CYSTOMETRY CATHETERS				
CODE	SIZE	LENGTH (mm)	FILLING LINE 6FG (mm)	PRESSURE LINE 4.5FG (mm)
100060002	6FG	700	150	1300
100060002 (S)	6FG	700	150	150
100060002 (L)	6FG	700	1300	1300
100060007	6FG	700	150	1900
100060008	6FG	450	300	1300
100060016	6FG	550	300	1300
100060017	6FG	700	150	1300
100060027	6FG	700	150	1300
100080003	8FG	700	150	1300
100080015	8FG	450	300	1300
100080018	8FG	550	300	1300
100080019	8FG	700	150	1300
100080023	8FG	700	150	2000
100080032	8FG	470	150	1300
100080035	8FG	700	150	1300
100100003	10FG	700	300	1300

Figure 1: 100060002



Urethral Pressure Profile Catheters are manufactured to requirements, in various sizes and lengths with printed graduations.

URETHRAL PRESSURE PROFILE CATHETERS		
CODE	SIZE	LENGTH (mm)
100080020	8FG	400

Figure 2: 100080020



DOUBLE LUMEN UPP CATHETERS				
CODE	SIZE	LENGTH (mm)	FILLING LINE 6FG (mm)	PRESSURE LINE 4.5FG (mm)
100080007	8FG	700	150	150
100080045	8FG	700	2000	2000
100100004	10FG	700	1300	1300

Figure 3: 100080007



DOUBLE LUMEN UPP CATHETERS WITH Y CONNECTOR				
CODE	SIZE	LENGTH (mm)	FILLING LINE 6FG (mm)	PRESSURE LINE 4.5FG (mm)
100060018	6FG	450	1300	1300
100080017	8FG	450	1300	1300
100080031*	8FG	450	1300	1300
100100011	10FG	450	1300	1300

*with tiemann tip

Figure 4: 100060018



Figure 5: 100080031



RECTAL PRESSURE CATHETERS

We manufacture both single and double lumen rectal catheters for water-perfused manometry. Our catheters are designed for both accurate measurements and maximum comfort for the patient.

RECTAL PRESSURE CATHETERS				
CODE	SIZE	LENGTH (mm)	BALLOON	INTRODUCER
200045001	4.5fg	2000	PVC with slit	No
200045007	4.5fg	2000	PVC with slit	Yes
200045014	4.5fg	2000	Poly Isoprene	Yes
200045017	4.5fg	2000	Poly Isoprene with slit	Yes
200045033	4.5fg	2000	PVC Balloon	Yes
200080001	8fg	400	No	No
200140006	14fg	385	Poly Isoprene	No

Figure 6: 200045001



Figure 7: 200045017



Figure 8: 200045033



DOUBLE LUMEN RECTAL CATHETERS						
CODE	SIZE	LENGTH (mm)	FILLING LINE 6FG (mm)	PRESSURE LINE 4.5FG (mm)	BALLOON	INTRODUCER
200100003	10fg	385	65	1300	PVC	No
200100007	10fg	400	65	1300	Poly Isoprene	No
200100010	10fg	200	100	100	Poly Isoprene	No
200100015	10fg	385	1300	1300	PVC	No

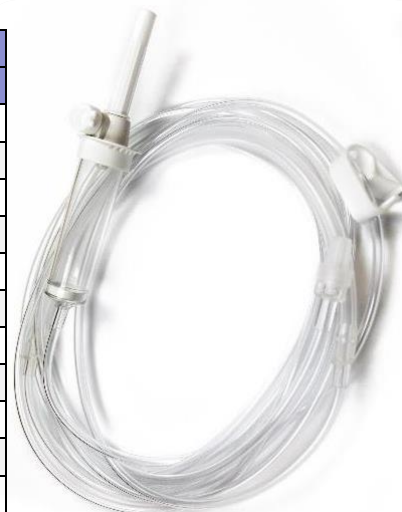
Figure 9: 200100015



PUMP TUBE SETS & ACCESSORIES

Malvern Medical Developments manufacture pump tube sets for most urodynamic systems. Each one features a male luer lock for connecting securely to the catheter filling line. Used in procedures throughout the world, these pump tube sets are manufactured to the highest standards and can be developed to customers' requirements.

PUMP TUBE SETS	
CODE	DESCRIPTION
400120001	Pump Tube Set for Laborie Urodynamic Systems
400120004	Pump Tube Set for MMS Solar / Libra Urodynamic Systems
400120005	Pump Tube Set for Lectromed Urodynamic Systems
400120006	Pump Tube Set for Sedia Urodynamic Systems
400120007	Pump Tube Set for Dantec Urodynamic Systems (Vented)
400120008	Pump Tube Set for MMS UD 2000 Urodynamic Systems
400120009	Pump Tube Set for Life-Tech Urojanus Urodynamic Systems
400120011	Pump Tube Set for Albyn Urodynamic Systems
400120012	Pump Tube Set for Dantec Urodynamic Systems
400120014	Pump Tube Set for Life-Tech Primus Urodynamic Systems
400120032	Pump Tube Set for Mediwatch System
400120035	Freeman Pump Tube Set



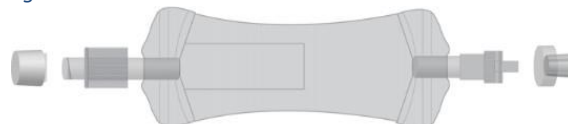
EXTENSION LINES		
CODE	SIZE	LENGTH
400100001	3.17mm OD x 1.6mm ID	200cm
400120019	4.1mm OD x 2mm ID	50cm
400120020	4.1mm OD x 2mm ID	80cm
400120026	4.1mm OD x 2mm ID	25cm
400120027	4.1mm OD x 2mm ID	30cm

Figure 11: 400100001



OTHER ACCESSORIES	
CODE	DESCRIPTION
400100005	Set Guard

Figure 10: 400100005



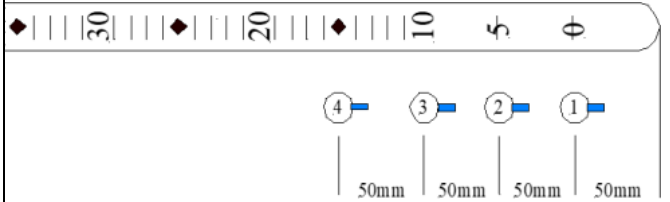
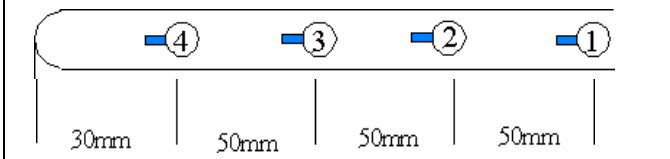
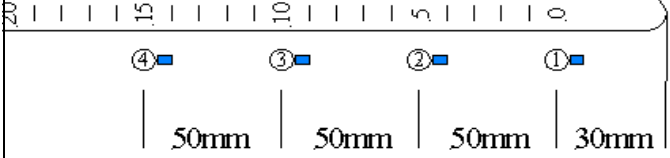
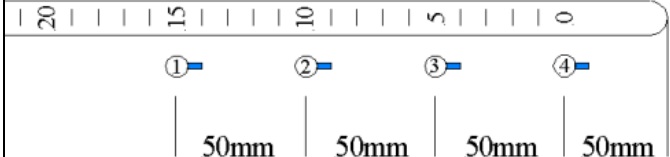
Our set guards are designed to fit between a pump tube set and filling catheter, preventing the pump tube set being contaminated from the catheter.

GASTROINTESTINAL MANOMETRY CATHETERS

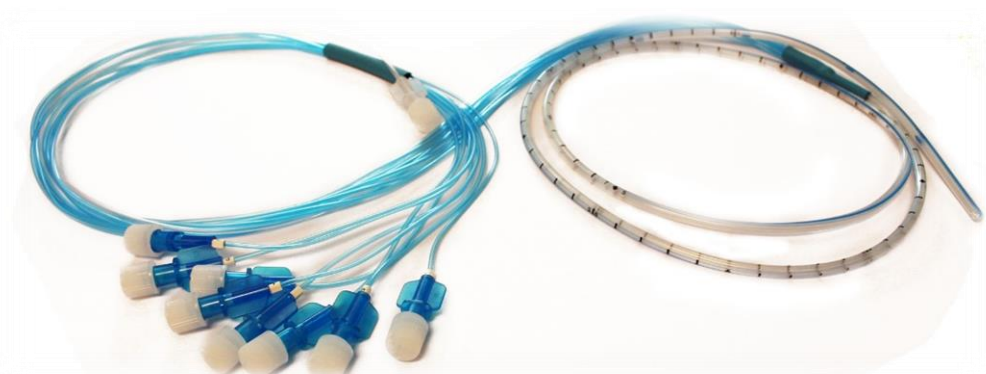
Manufactured with medical grade PVC tubing, Malvern Medical Developments Ltd have the ability to manufacture and supply an extensive range of single use, non-sterile, multi-lumen water-perfused oesophageal and anorectal catheters for manometry.

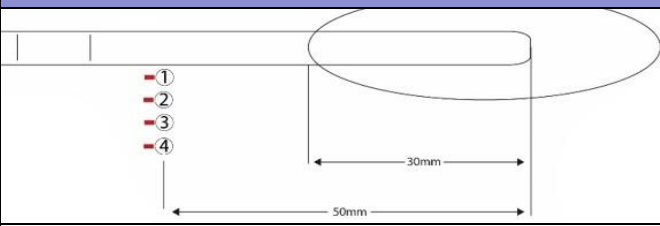
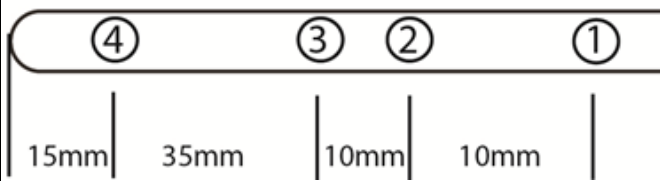
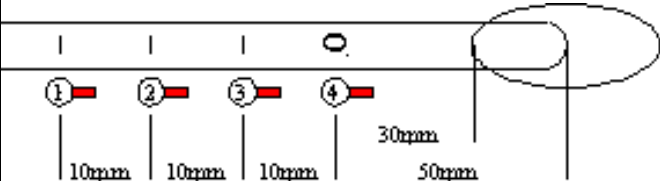
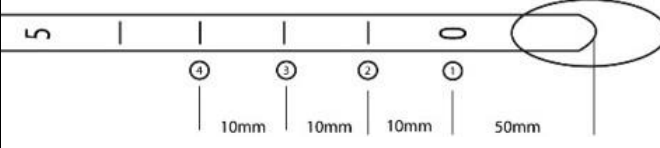
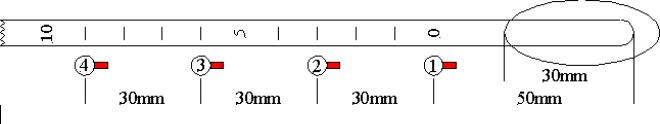
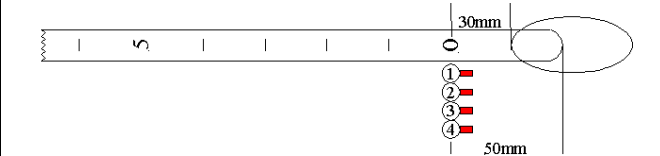
For oesophageal manometry, we can produce a soft catheter made with softer tube providing major benefits for the patient and user.

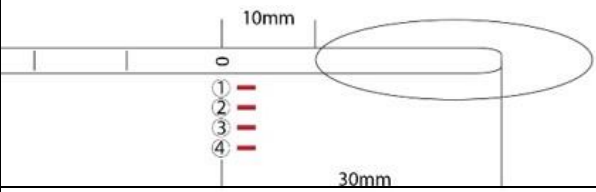

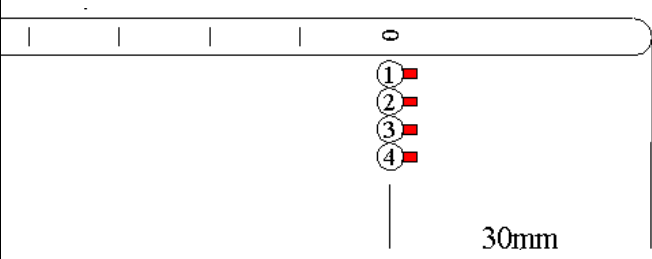
All multi lumen catheters include radiopaque markers – a radiopaque line down the length of the tubing to identify channel one and numbered leads to avoid confusion. All catheters are available with a wide range of perfusion port configurations.

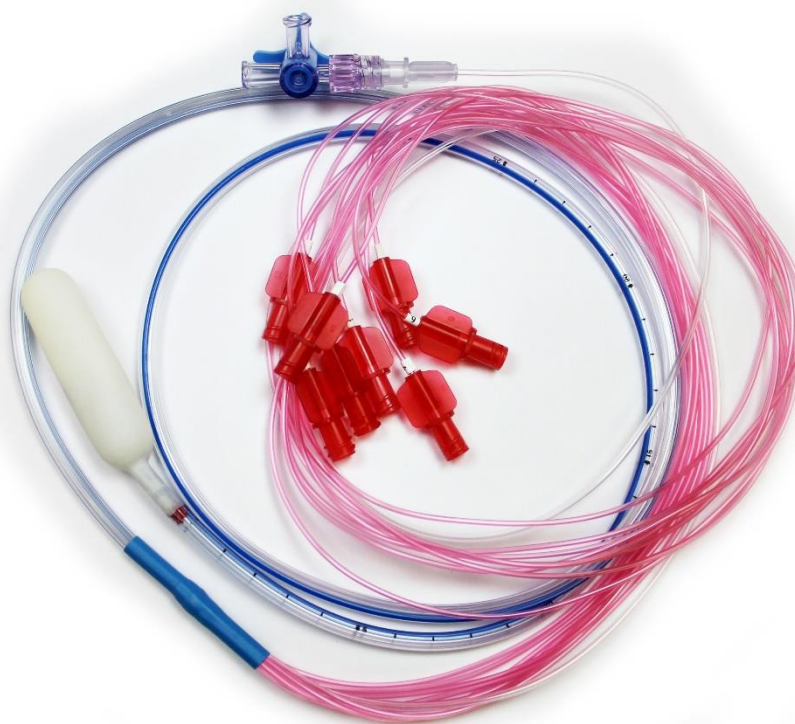
4 CHANNEL OESOPHAGEAL MANOMETRY CATHETERS			
CODE	O.D (mm)	LENGTH (mm)	PERFUSION PORT CONFIGURATION (mm)
500032001	3.2	1000	
500032002	3.2	1000	
500032010	3.2	1000	
500032011	3.2	1000	

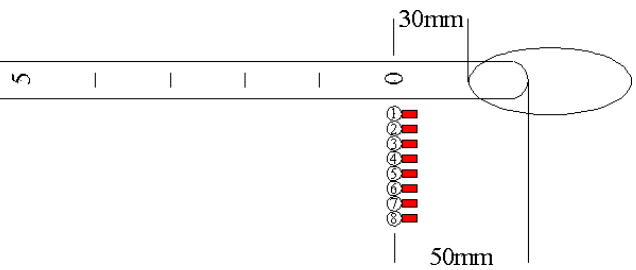
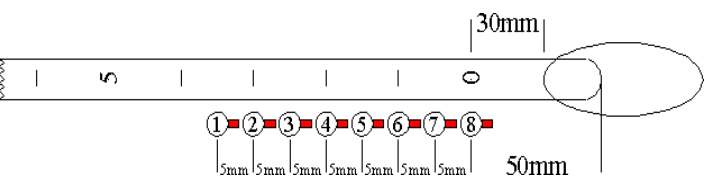
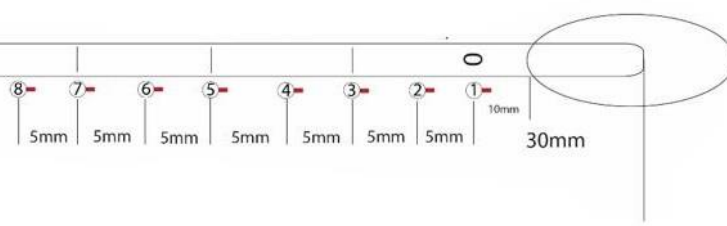
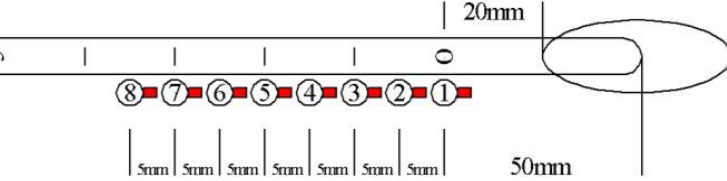
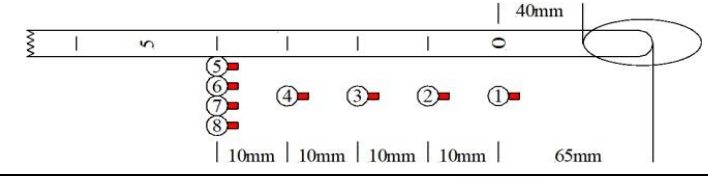
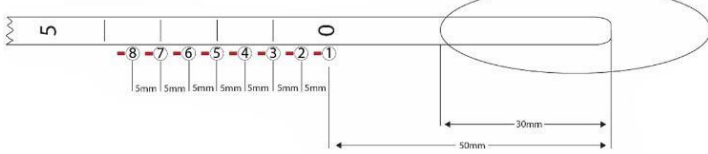
8 CHANNEL OESOPHAGEAL MANOMETRY CATHETERS			
CODE	O.D (mm)	LENGTH (cm)	PERFUSION PORT CONFIGURATION (mm)
500023002	2.3	1000	
500039001	3.9	1000	
500039015	3.9	1000	
500039023	3.9	1000	
500039029	3.9	1000	



4 CHANNEL ANORECTAL MANOMETRY CATHETERS			
CODE	O.D (mm)	LENGTH (cm)	PERFUSION PORT CONFIGURATION (mm)
500049031	4.9	1000	
500049019	4.9	1000	
500049038	4.9	1000	
500049063	4.9	1000	
500039031	3.9	1000	
500049052	4.9	1000	

4 CHANNEL ANORECTAL MANOMETRY CATHETERS			
CODE	O.D (mm)	LENGTH (cm)	PERFUSION PORT CONFIGURATION (mm)
500039059	3.9	1000	
500049037	4.9	1000	
500032012* *Paediatric	3.2	1000	



8 CHANNEL ANORECTAL MANOMETRY CATHETERS			
CODE	O.D (mm)	LENGTH (cm)	PERFUSION PORT CONFIGURATION (mm)
500049035	4.9	1000	
500049036	4.9	1000	
500039056	3.9	1000	
500039034	3.9	1000	
500039033	3.9	1000	
500039048	3.9	1000	

8 CHANNEL ANORECTAL MANOMETRY CATHETERS			
CODE	O.D (mm)	LENGTH (cm)	PERFUSION PORT CONFIGURATION (mm)
500039054	3.9	1000	
500039055	3.9	1000	
500049060	4.9	1000	



ORACOL

Saliva Collection Device

The ORACOL is a simple yet effective device for the collection of oral fluid.

Designed to be used in a similar way to a toothbrush, saliva is collected by rubbing the sponge swab firmly along the gumline.

These oral swab devices are universally recognised as a favoured method to collect data for a range of different pathogens, including, but not limited to:

- RNA/DNA testing
- HIV / AIDS
- Ebola
- Hepatitis A and B
- Measles Mumps and Rubella
- COVID19 Antibody Testing

The ORACOL devices are CE marked and supplied sterile in batches of 500, complete with an illustrated users guide.

Product Code:
S10

Qty per pack:
500

Sample Volume:
100-200µL*

Benefits of using our ORACOL Saliva Collection Device:

Simple & Easy to use

Professional medical personnel not required to take the sample

Non invasive

Cost effective

Yield's highest quality of saliva (Vyse et al. 2001)



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*dependent on an individual's salivary flow rate



ORACOL+

Saliva Collection Device

The ORACOL+ device is a simple yet effective device for the collection of saliva. Developed from the well-received original ORACOL device, the new device offers several advantages.

The device is user friendly making the acquisition of saliva via the foam swab a simple process. Once the saliva has been taken, it is secure within the container.

A microtube is incorporated within the device so that the saliva is centrifuged directly into the final container.

These oral swab devices are universally recognised as a favoured method to collect data for a range of different pathogens, including, but not limited to:

- RNA/DNA testing
- HIV / AIDS
- Ebola
- Hepatitis A and B
- Measles Mumps and Rubella
- COVID19 Antibody Testing

The ORACOL+ devices are CE marked and supplied sterile in batches of 500, complete with an illustrated users guide.



Product Code:
S14

Qty per pack:
500

Sample Volume:
100-200µL*

Benefits of using our ORACOL+ Saliva Collection Device:

Simple & Easy to use

Professional medical personnel not required to take the sample

Non invasive

Cost effective

Reduced risk of aerosol contamination

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*dependent on an individual's salivary flow rate

