



Medtronic

GASTROINTESTINAL

Accessories Catalogue



A Good Diagnosis is Half the Cure

Dear Customer,

Welcome to the Gastrointestinal Accessory Catalogue from Medtronic Functional Diagnostics.

This Catalogue forms part of our overall marketing strategy in providing you easy access to information about our services and products.

Medtronic Functional Diagnostics Gastrointestinal Business

The Gastrointestinal business of Medtronic Functional Diagnostics provides diagnostic solutions for gastrointestinal disorders. It is our goal to offer you, the healthcare providers, effective and accurate diagnostic tools in order to assist you in selecting the most appropriate treatment for your patients. Our aim is to be a one-stop shop where you can find all you need to perform a diagnostic procedure, from accessories and equipment through to training and support.

The Gastrointestinal Accessories Range

In line with our business strategy of providing a complete solution, we offer a broad range of accessories. Our selection of accessories includes catheters, electrodes, pumps and cables. It fulfils your requirements for performing procedures such as 24 hour pH testing, esophageal manometry, anorectal manometry, simple EMG, electrogastrography and more.

A good diagnosis is half the cure. Our selection process follows stringent quality standards because we understand the importance of an accurate diagnosis for a successful treatment. Our selection criteria are based on patient comfort, reliability of recordings and product quality. Our designs are simple and intuitive, aiming to maximise user friendliness. It is not a coincidence that many of our solutions are best in class.

We hope that with our comprehensive product range we can provide you with all the necessary tools needed to conduct the appropriate diagnostic tests for your patients.

If you have any questions please feel free to contact us at one of the sites listed on the back of this catalogue.

Medtronic Functional Diagnostics

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Features of pH Catheters and Accessories

Consistent and reliable recordings of the pH value in the esophagus depend on the material, construction and quality of the pH catheters used. All our pH catheters are developed and manufactured by Medtronic Functional Diagnostics. In-house development and manufacturing mean that we can closely monitor the quality level, stay flexible and continuously work on improvements. Our range of pH catheters includes disposable as well as reusable catheters. We also offer pediatric catheters and catheters with LES Locators to meet the requirements of your specific patient and choice of procedure.

At Medtronic Functional Diagnostics we know that the well-being of the patient during the procedure is important. Our pH catheters have been developed accordingly, with frosted tubing to secure easy intubation and relieve discomfort for the patient during procedures.

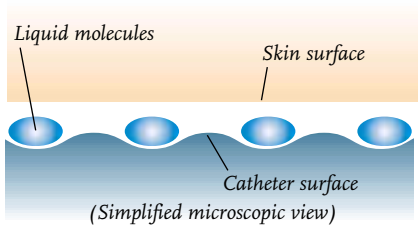
Medtronic Functional Diagnostics offers the possibility to design special configurations to meet your sensor location requirements. Contact your local representative for any special requests you may have but please allow extra lead-time for such configurations.

pH Accessories

Zinetics 24 Single-use pH Catheters

Continuous development of the Zinetics 24 Single-use pH Catheters has significantly improved the design characteristics of the catheters. The Zinetics 24 Catheters consistently provide accurate and reliable results. The catheters are efficient and economical, eliminate the risk of cross-contamination and allow greater patient relaxation during procedures.

- The Single-use attribute eliminates the cost and time of cleaning and disinfection.
- Internal reference provides enhanced user convenience whilst allowing more reliable tracings and fewer set-up steps.
- Frosted tubing: the catheter body is firm at room temperature for easy intubation, but is soft at body temperature for patient comfort.



*Frosted tubing:
Moisture pockets on the catheter surface trap liquid molecules to increase wettability and facilitate intubation.*

Zinetics 24

Part#	Sensor(s)	20 cm	15 cm	10 cm	5 cm	0 cm	Sensor Spacing	
9012P2031	1	[Catheter with 1 sensor at 0 cm]					1	None
9012P1001	2	[Catheter with 2 sensors at 5 cm and 0 cm]				2	5 cm	
9012P1011	2	[Catheter with 2 sensors at 10 cm and 0 cm]			2	10 cm		
9012P1021	2	[Catheter with 2 sensors at 15 cm and 0 cm]		2	15 cm			
9012P4001	2	[Catheter with 2 sensors at 18 cm and 0 cm]	2	18 cm				
9012P1031	2	[Catheter with 2 sensors at 21 cm and 0 cm]	2	21 cm				
9012P1081*	1	[Catheter with 1 sensor at 0 cm, labeled PEDIATRIC]					1	None

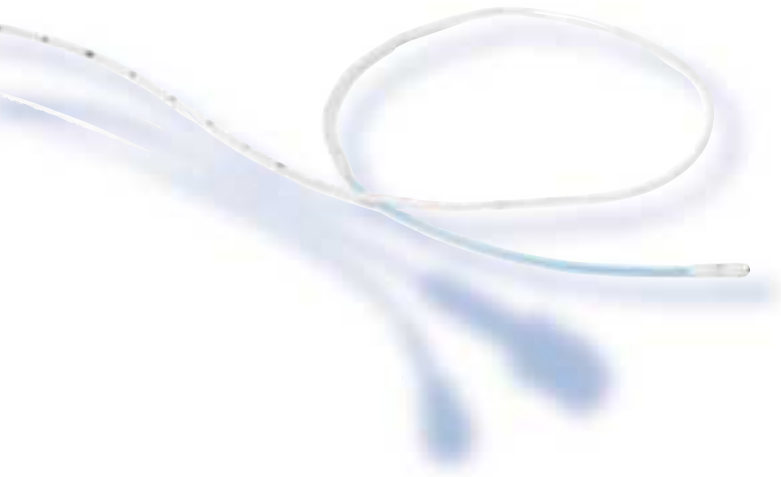
* Minimum discomfort due to soft-body, smooth surface and small (1.5mm) diameter.

Zinetics 24 with LES locator

9012P2041	1	[Catheter with 1 sensor at 0 cm and 1 LES PORT at 5 cm]					1	None
9012P1041	2	[Catheter with 2 sensors at 5 cm and 0 cm, and 1 LES PORT at 5 cm]				2	5 cm	
9012P1051	2	[Catheter with 2 sensors at 10 cm and 0 cm, and 1 LES PORT at 10 cm]			2	10 cm		
9012P1061	2	[Catheter with 2 sensors at 15 cm and 0 cm, and 1 LES PORT at 15 cm]		2	15 cm			
9012P1071	2	[Catheter with 2 sensors at 21 cm and 0 cm, and 1 LES PORT at 21 cm]	2	21 cm				

Note: Special order configurations are also available. Please allow at least five weeks for delivery.

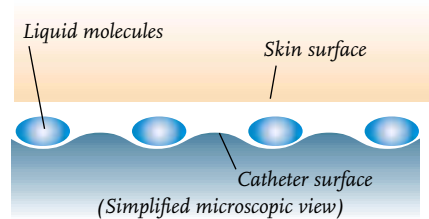
Zinetics 24M Multi-use pH Catheters with Internal Reference



Our range of Zinetics 24M Catheters has been extended and now includes a variety of catheters with Perfusion Port for easy identification of the LES (lower esophageal sphincter). The Zinetics 24M Catheters are reusable and come in many different configurations.

- Internal reference provides enhanced user convenience whilst allowing more reliable tracings and fewer set-up steps.
- Clear and durable markings and numbers for accurate and easy catheter placement.
- Frosted tubing: the catheter body is firm at room temperature for easy intubation, but soft at body temperature for patient comfort.

Frosted tubing: Moisture pockets on the catheter surface trap liquid molecules to increase wettability and facilitate intubation.



Zinetics 24M

Part#	Sensor(s)	20 cm	15 cm	10 cm	5 cm	0 cm	Sensor Spacing
9012P5041	1					1	None
9012P5051	2				2	1	5 cm
9012P5061	2			2		1	10 cm
9012P5071	2		2			1	15 cm
9012P5081	2	2				1	18 cm
9012P5091	2	2				1	21 cm

Zinetics 24M with LES locator

9012P5101	1				LES PORT	1	None
9012P5111	2			LES PORT	2	1	5 cm
9012P5121	2		LES PORT	2		1	10 cm
9012P5131	2	LES PORT	2			1	15 cm

Note: Special order configurations are also available. Please allow at least five weeks for delivery.

pH Accessories

Zinetics 24ME Multi-use pH Catheters with External Reference

The Zinetics 24ME Catheter is designed using established technology used reliably over the last ten years. A cost-effective solution with the following benefits:

- Clear and durable markings and numbers for accurate and easy catheter placement.
- Durable connector for improved security and reliability.
- Zinetics antimony sensors.



Working with pH catheters with external reference

In procedures where the Zinetics 24ME is applied the fixation of the external reference electrode to the skin is secured by using Adhesive Rings. The Adhesive Ring avoids the reference from falling off or lifting from the skin. The Hellige Electrode Gel creates stable contact to the skin.

Zinetics 24ME

Part#	Sensor(s)	20 cm	15 cm	10 cm	5 cm	0 cm	Sensor Spacing
9012P2051	1					1	None
9012P2061	1		PEDIATRIC			1	None
9012P2081	2				2	1	5 cm
9012P2091	2				2	1	7 cm
9012P2101	2			2		1	10 cm
9012P2111	2		2			1	15 cm
9012P5001	2	2				1	18 cm
9012P5011	2	2				1	21 cm

Note: Special order configurations are also available. Please allow at least five weeks for delivery.

Other pH Accessories

In our range of accessories we have included additional products that will assist you in performing reliable and accurate pH studies.



pH Accessories

pHix Strips easily fix the catheter on the nose and are made of microporous tape allowing the skin to breathe. They come in three different sizes to suit the patient.

The proper Gel and Adhesive Rings are essential in preparing the reference electrode when working with pH catheters with an external reference.

pH Catheter Accessories

Item no.	Description	Qty
9012D1011	Hellige Electrode gel, 100 g	1
9012D1021	Adhesive Rings, small	500
9012D1031	pHix Strips, Adult	50
9012D1041	pHix Strips, Pediatric	50
9012D1051	pHix Strips, Infant	50

Buffer Solution

Buffer solution is needed to calibrate your pH catheters. Our buffer solutions are available in bottles and in single-use sticks. The latter are disposable, easy to use and eliminate the risk of buffer contamination.



Buffer Solution

Item no.	Description	Qty
9012D1461	Disposable Buffer Sticks, pH 1.07 and pH 7.01	10
9012D1061	Synectics Buffer Solution, pH 7.01, 500 ml	6
9012D1071	Synectics Buffer Solution, pH 7.01, 500 ml	1
9012D1081	Synectics Buffer Solution, pH 1.07, 500 ml	6
9012D1091	Synectics Buffer Solution, pH 1.07, 500 ml	1
9012D1101	pH Calibration Stand with two Sealable Buffer Tubes	1

pH Accessories

LES Identification Accessories

For accurate location of the LES we have developed pH catheters with a pressure measuring function. To utilise the LES Locator function an LES identification accessory kit is needed; the components of which can be seen below. Each item may be purchased separately or together in a complete kit.



LES Identification Kits

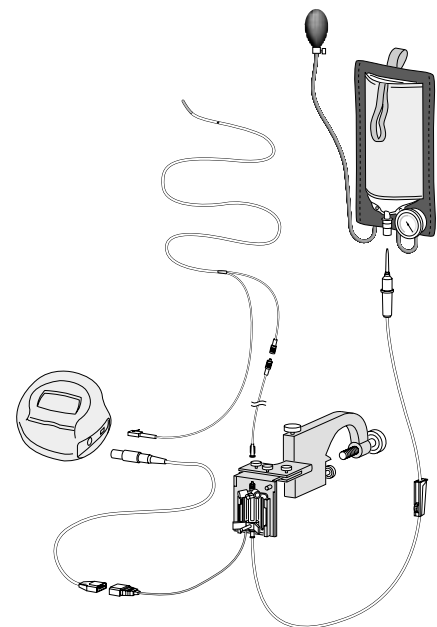
Complete kits to be used for manometric identification of the LES.

Item no.	Description	Qty
9012D0201	LES Identification Manometry Kit for Digitrapper pH	1
G98-0110	LES Identification Manometry Kit, Digitrapper Mk III/MD	1

LES Identification Accessories

Item no.	Description	Qty
9012K1001	PVB Pressure Transducer, Built-in Capillary	1
9028P0151	Pressure Cuff	1
9012K1011	Single Transducer Holder	1
9012D1121	Micro Drip Set	1
9012D1141	Extension Tubing for pH Catheters with LES Locator	1
9012D1131	PVB Combi Holder	1
G63-1111	T-Connector	1
9043G1201	PVB Transducer Cable for Digitrapper pH, 100 cm	1
G98-3162	PVB Transducer Cable for Digitrapper Mk III	1

To set up the system use a Pressure Cuff to apply pressure to a water bag with a Micro Drip Set attached. The water flow runs through the Pressure Transducer that is attached to the catheter with an extension tubing and to the recording device. The system requires a catheter with a built-in LES locator. This system setup reads the pressure change when the catheter is pulled through the LES, accurately locating its position. The entire setup can be seen in the illustration.



Features of Manometry Accessories

In our range of Manometry Accessories you will find equipment for water perfused manometry as well as for solid state manometry. We have the catheters, perfusion systems and other accessories required to set up a complete manometry system.

Our Zinetics Water Perfused Catheters are developed and manufactured in-house. Our knowledge and experience with Water Perfused Catheters help us to keep our focus on producing equipment that will give you a reliable and accurate patient diagnosis.

Medtronic Functional Diagnostics offers the possibility to design special configurations to meet your requirements for port location on water perfused manometry catheters and barostat catheters and sensor type and location on solid state catheters. Contact your local representative for any special requests but allow extra lead time for such configurations.



Manometry Accessories

Water Perfused Manometry Accessories

We have water perfused manometric catheters for esophageal, anorectal and vector volume examinations. All our Zinetics Water Perfused Catheters are made using clear, medical grade PVC tubing to ensure a high quality level.

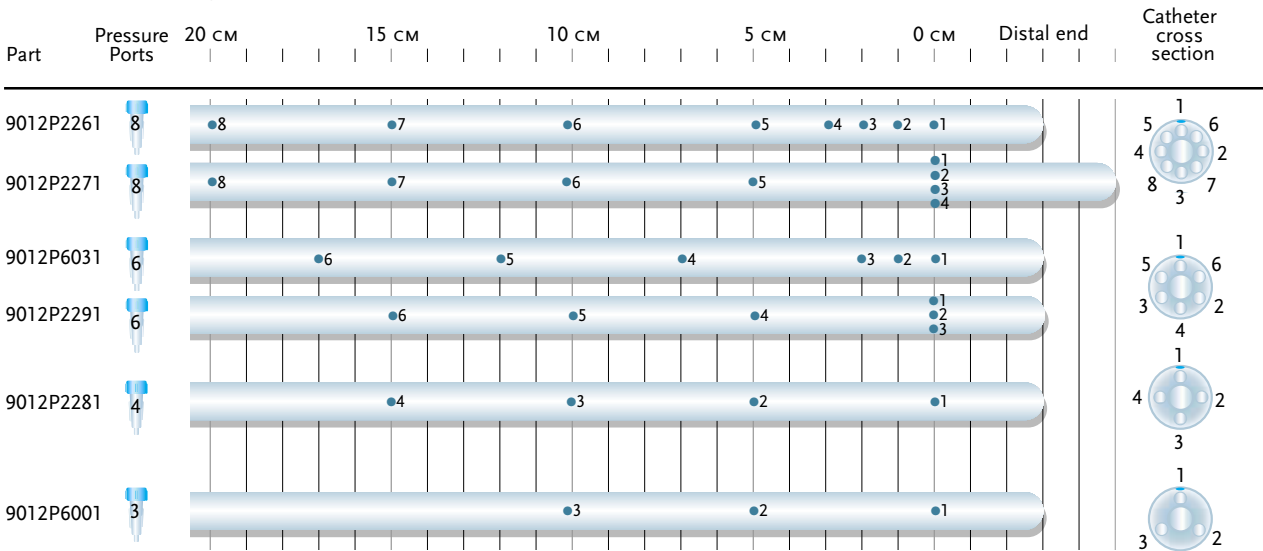
Zinetics Esophageal Water Perfused Catheters

For pressure measurement in the esophagus you will find a number of standard catheter configurations for adult and pediatric procedures. Our catheters have the following features and benefits:

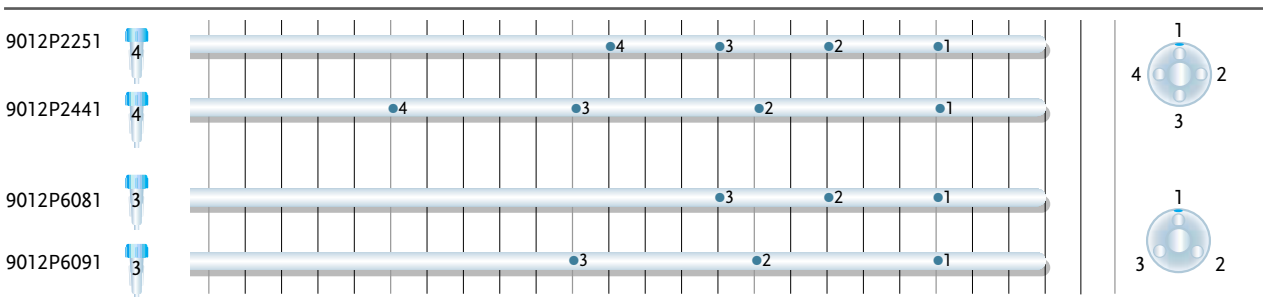
- A firm catheter body for easy intubation
- Wide range of standard and special configurations
- High quality Luer Locks for durability



Adult Esophageal



Pediatric Esophageal



Zinetics EMC Esophageal Manometry

Outside Diameter:	4,5 mm	Total Length:	140 cm
Inside Diameter:	Pressure Lumens: 0,8 mm	Working Length:	90 cm
	Center Lumen: 1,8 mm		

Zinetics PMC Pediatric Esophageal Catheters

Outside Diameter:	3,5 mm	Total Length:	140 cm
Inside Diameter:	0,8 mm	Working Length:	90 cm

Manometry Accessories

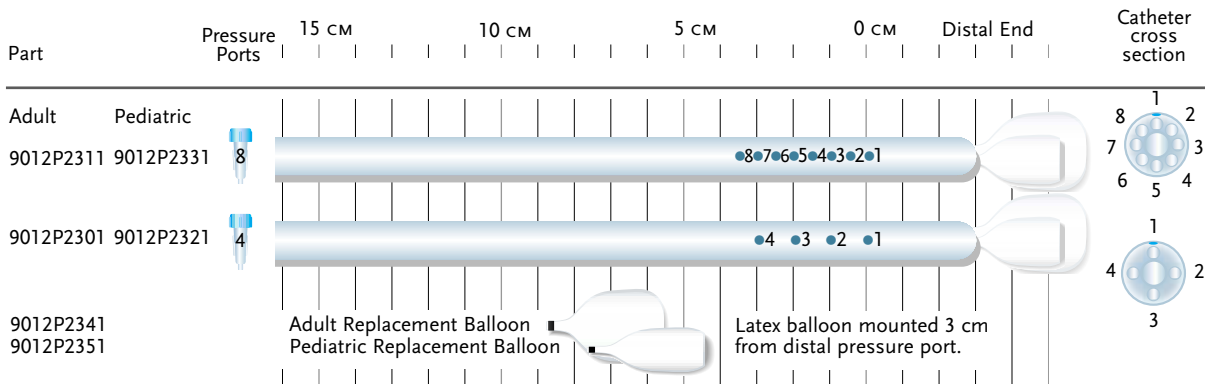


Zinetics Anorectal Water Perfused Catheters

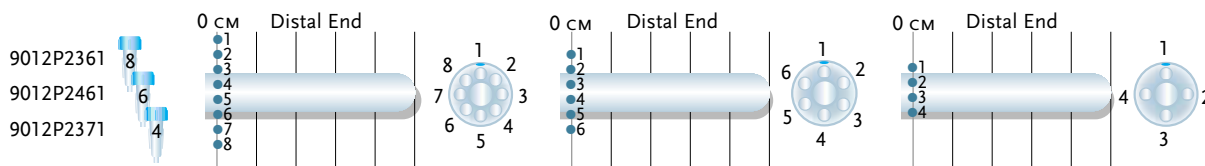
For anorectal studies we have catheters for both adult and pediatric patients. The catheters come with disposable balloons that can easily be replaced for new procedures. Our products have the following benefits and features:

- Numbered pressure channels for easy identification and attachment of transducers
- A firm catheter body for easier intubation
- Blue radiopaque line for easy identification of lumen #1

Anorectal



Vector Volume



Zinetics AMC Anorectal Catheters with balloon

Outside Diameter:	4,5 mm	Total Length:	140 cm
Inside Diameter:	Pressure Lumens: 0,8 mm	Working Length:	90 cm
	Inflation/Deflation Lumen: 1,8 mm		

Balloon: *Contains natural latex rubber which may cause allergic reactions.*

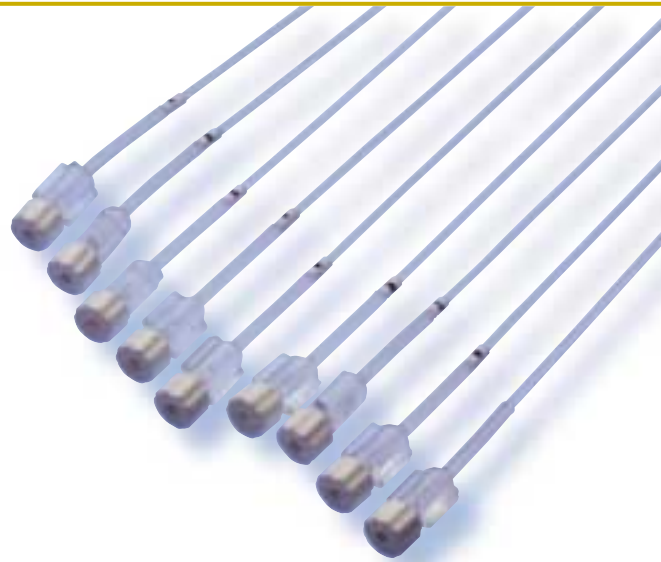
Zinetics VMC Vector Volume Catheters

Outside Diameter:	4,5 mm	Total Length:	140 cm
Inside Diameter:	Pressure Lumens: 0,8 mm	Working Length:	90 cm
	Center Lumen: 1,8 mm		

Manometry Accessories

Sleeve Catheters

Water perfused Sleeve Catheters have the significant benefit of measuring pressure over a length of the catheter, not just at one specific point. This is particularly advantageous when measuring lower esophageal sphincter pressure as the LES moves with respiration and swallowing.



Sleeve Catheters

Item no.	Description	Qty
9012P2501	Dentsleeve Esophagheal LES Sleeve Catheter, 8 ch	1
9012P2541	Dentsleeve Pediatric Esophagheal LES Sleeve Catheter, 7 ch	1
9012P2521	Dentsleeve Adult Antropyloroduodenal Pyloric Sleeve Catheter, 8 ch	1
9012P2531	Dentsleeve Adult Antropyloroduodenal Catheter, 8 ch	1
9012P2551	Dentsleeve Adult Small Intestine Catheter, 8 ch	1



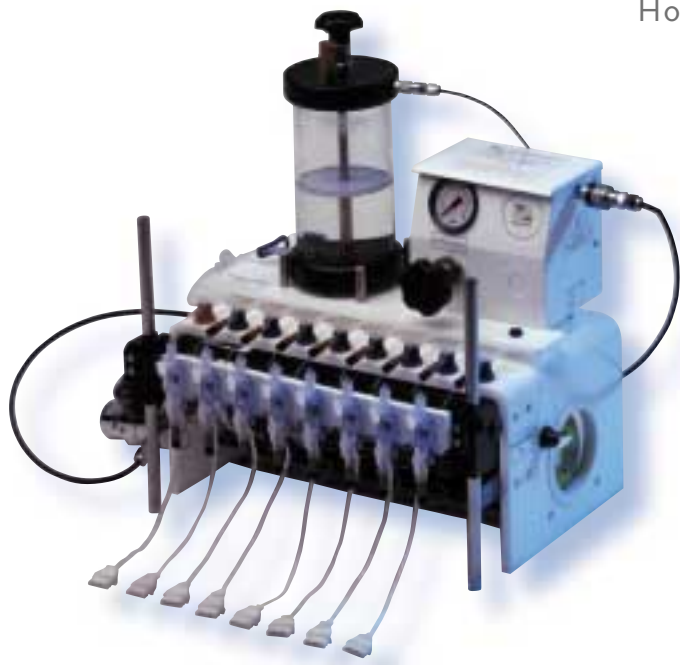
Dentsleeve Pumps

The Dentsleeve Pump is a gas pump designed to meet a variety of needs within water perfused manometry. It features autoclavable manifolds, easily cleaned parts and simple to change resistory capillaries to ensure the flow rate you need. See next page for the horisontal pump and resistors.

Vertical Deck Pump

Item no.	Description	Qty
9043B2211	Dentsleeve Vertical Deck Pump, 8 ch	1

Horizontal Pump Systems for Polygraf ID and PC Polygraf HR



Pump Systems

Item no.	Description	Qty
9043H0181	Dentsleeve Pump Perfusion System for Polygraf ID including the following:	1
	8 ch Dentsleeve Gas Perfusion Pump	1
	PVB Pressure Transducer	8
	8 ch PVB Transducer Cable	1

Item no.	Description	Qty
9043H0171	Dentsleeve Pump Perfusion System for PC Polygraf HR including the following:	1
	8 ch Dentsleeve Gas Perfusion Pump	1
	PVB Pressure Transducer	8
	PVB Transducer Cable	8

Pumps

Item no.	Description	Qty
9043H0101	8 ch Dentsleeve Gas Perfusion Pump	1
9043H0111	16 ch Dentsleeve Manometric Infusion Pump	1

Resistory Capillaries

The Resistors for the Dentsleeve Pump are simple to change and allow you to choose the flow rate you need.

Resistory Capillaries

Item no.	Description	Qty
9012D1201	Dentsleeve R-1 Resistor, flow rate 0.01 ml/min	1
9012D1211	Dentsleeve R-2 Resistor, flow rate 0.02 ml/min	1
9012D1221	Dentsleeve R-4 Resistor, flow rate 0.04 ml/min	1
9012D1231	Dentsleeve R-8 Resistor, flow rate 0.08 ml/min	1
9012D1241	Dentsleeve R-10 Resistor, flow rate 0.10 ml/min	1
9012D1251	Dentsleeve R-15 Resistor, flow rate 0.15 ml/min	1
9012D1261	Dentsleeve R-20 Resistor, flow rate 0.20 ml/min	1
9012D1271	Dentsleeve R-30 Resistor, flow rate 0.30 ml/min	1
9012D1281	Dentsleeve R-45 Resistor, flow rate 0.45 ml/min	1
9012D1291	Dentsleeve R-60 Resistor, flow rate 0.60 ml/min	1

Manometry Accessories



Mui Pump Systems for Polygraf ID and PC Polygraf HR

The Mui Pump is an electrically powered pump for water perfused manometry and does not require a gas-bottle. The Mui Pump is a practical and effective tool for your water perfused studies and can be purchased with a complete set-up of Pressure Transducers and Cables.

Mui Systems

Item no.	Description	Qty
9043H0311	Mui Scientific Pump Perfusion System for Polygraf ID including the following:	1
	8 ch Mui Scientific Electrical Infusion Pump	1
	PVB Pressure Transducer	8
	8 ch PVB Transducer Cable	1
	Single Transducer Holder	8

Item no.	Description	Qty
9043H0301	Mui Scientific Pump Perfusion System for PC Polygraf HR including the following:	1
	8 ch Mui Scientific Electrical Infusion Pump	1
	PVB Pressure Transducer	8
	PVB Transducer Cable	8
	Single Transducer Holder	8

Mui Pump

Item no.	Description	Qty
9043H0121	8 ch Mui Scientific Electrical Infusion Pump	1

Manometry Studies with Pump Systems

The pump perfusion systems ensure accurate and reliable results:

The pump system supplies a high driving pressure allowing the system to accurately measure high esophageal pressure wave peaks.

The pump system ensures a constant water flow and stable driving pressure during the entire procedure.

Low Cost Perfusion System

The low Cost Perfusion System is an option for measuring pressure using water perfusion. The system does not include a gas or electrical pump and is a cost-effective solution. However, for recordings with more than 4 channels we recommend a Perfusion Pump to obtain a high level of accuracy.

The Low Cost Perfusion System consists of the following:

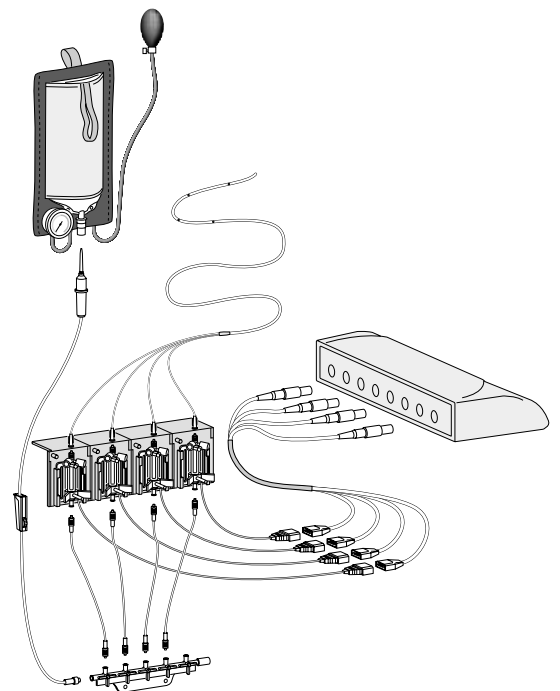
- Pressure Cuff
- Micro Drip set
- PVB Transducers
- Manifold Support Plate
- Transducer Cable
- Gender Changer
- Transducer Holder
- Calibration Sticker



PVB Perfusion Systems

Item no.	Description	Qty
9043H0151	Low Cost Perfusion System Kit, 4 ch for Polygraf ID	1
9043H0141	Low Cost Perfusion System Kit, 6 ch for Polygraf ID	1
9043H0131	Low Cost Perfusion System Kit, 8 ch for Polygraf ID	1
G98-3070	Low Cost Perfusion System Kit, 4 ch for Polygraf HR	1
G98-3080	Low Cost Perfusion System Kit, 6 ch for Polygraf HR	1
G98-3090	Low Cost Perfusion System Kit, 8 ch for Polygraf HR	1

To set up the system use a Pressure Cuff to apply pressure to a water bag with a Micro Drip Set attached. The water flows through the Manifold Support Plate, which diverts the flow of water to the Pressure Transducers that are connected via the Gender Changers. The Pressure Transducers are attached to the catheter and the recording device.



Manometry Accessories

Perfusion Accessories

Below is the range of accessories for your water perfusion setup. With this range you can buy the single items that you need for your system. The complete kits to get you started with water perfusion manometry can be seen on pages 14-16.

Choose the appropriate Pressure Transducer for your water perfusion system:

Transducers with Built-in Capillary for the Low Cost Perfusion System.

Transducers with no Capillary for both the Mui Pump and Dentsleeve Pump.



Perfusion Accessories

Item no.	Description	Qty
9012K1001	PVB Pressure Transducer, Built-in Capillary	1
9012K1021	PVB Pressure Transducer, No Capillary	1
9028P0151	Pressure Cuff	1
9012K1011	Single Transducer Holder	1
9012D1121	Micro Drip Set	1
9012D1171	Manifold Support Plate, 5 ch	1
9012D1181	Manifold Support Plate, 3 ch	1
9012D1191	Gender Changer	1
9012K1061	Wingless Pressure Transducer	1
9012D2102	Calibration Sticker	1

Cables

Item no.	Description	Qty
9012C1031	4 ch PVB Transducer Cable for Polygraf ID, 80 cm	1
9012C1041	6 ch PVB Transducer Cable for Polygraf ID, 80 cm	1
9012C1051	8 ch PVB Transducer Cable for Polygraf ID, 80 cm	1
9012C1021	8 ch PVB Transducer Cable for Polygraf ID, 250 cm	1
G98-3564	4 ch PVB Transducer Cable for Polygraf HR, 100 cm	1
G98-3262	PVB Transducer Cable for Polygraf HR, 100 cm	1
G98-3062	PVB Transducer Cable for Polygraf HR, 250 cm	1

Useful hints when performing water perfused manometry:

It is a good idea before starting each study to run the perfusion pump for approximately 10 minutes in order to flush the system through.

Air bubbles in the system can be removed by gently tapping the transducer or catheter close to the bubble.

Remember to keep the water source free from particles as they might clog the system and affect the pressure reading.

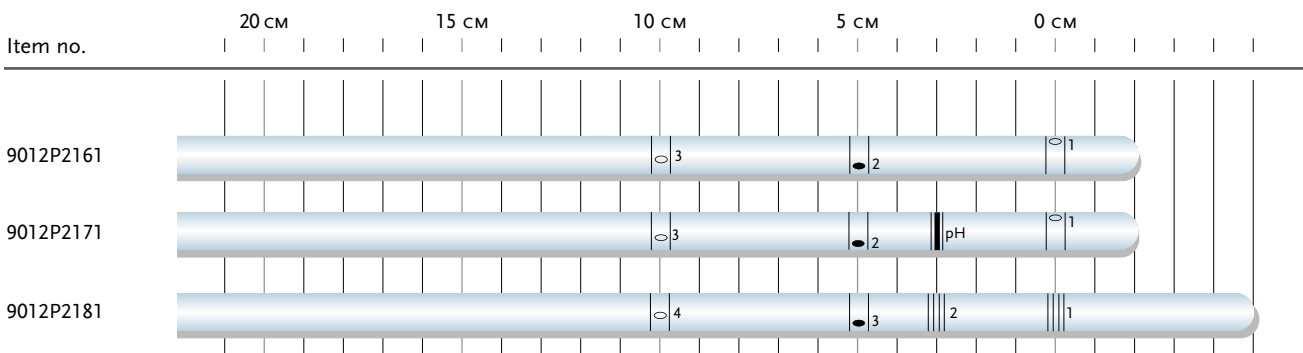
Solid State Manometry Accessories

Konigsberg Catheters are solid state/micro tip catheters for pressure measurement. They require no water perfusion setup and are therefore easy to use and give reliable, accurate results. The catheters are available in a variety of configurations and come with attached probe adapters. It is possible to have solid state catheters custom made according to your specific requirements.



Konigsberg Esophageal Solid State Catheters

Item no.	Name	Channels	Spacing	Diameter	Neck down	Total Length
9012P2161	Konigsberg Solid State Catheter	3 pressure	5 cm	4.00 mm	3.25	150 cm
9012P2171	Konigsberg Solid State Catheter	3 pressure 1 pH	5 cm	4.00 mm	3.25	185 cm
9012P2181	Konigsberg Solid State Catheter – Castell type	4 pressure	3,2,5 cm	4.65 mm	3.25	200 cm



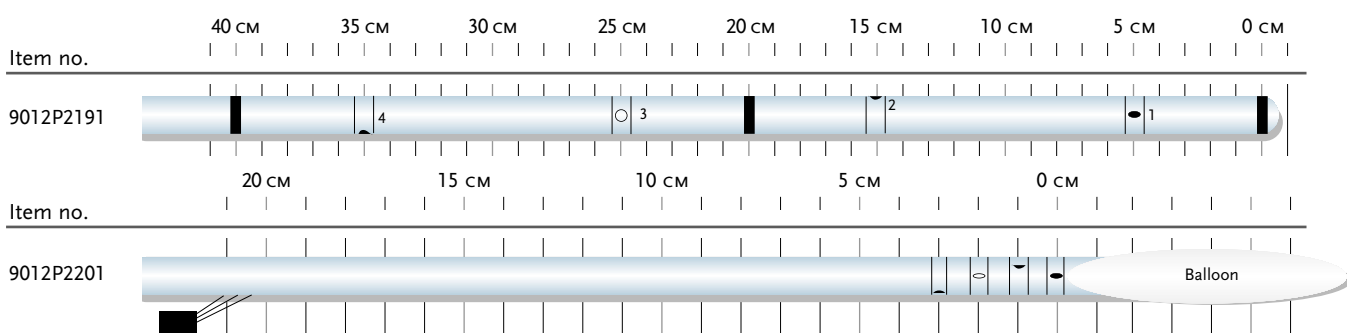
Solid State Configuration Guide

Directional Pressure Sensor (visible from diagram view)	Directional Pressure Sensor (not visible from diagram view)	pH Sensor	Circumferential Pressure Sensor	Grasping Collar	Infusion Channel
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Manometry Accessories

Konigsberg Small Bowel and Anorectal Solid State Catheters

Item no.	Name	Channels	Spacing	Diameter	Neck down	Total Length
9012P2191	Konigsberg Small Bowel Solid State catheter	4 pressure	10 cm	4.65 mm	3.25 mm	250 cm
9012P2201	Konigsberg Anorectal Solid State Catheter	4 pressure	1 cm	7.9 mm	3.25 mm	140 cm



Solid State Configuration Guide

	Directional Pressure Sensor (visible from diagram view)		Directional Pressure Sensor (not visible from diagram view)		pH Sensor		Circumferential Pressure Sensor		Grasping Collar		Infusion Channel
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Solid State Accessories

For calibration of your solid state catheter a Pressure Chamber Calibrator is needed. The calibrator is an airtight cylinder to which you apply pressure using a manometer. This allows simultaneous calibration of all channels, with no water column required.

To complete your system, choose the cable that matches your device.



Calibration Accessories

Item no.	Description	Length
9012D2011	Pressure Chamber Calibrator for Catheters with diameter of 4.00-4.65 mm	25 cm
9012D2021	Pressure Chamber Calibrator for Catheters with diameter of 7.9 mm (anorectal)	25 cm
9012D2031	Pressure Chamber Calibrator for Catheters with diameter of 4.00-4.65 mm	60 cm

Cables

Item no.	Description	Qty
9012C1061	3 ch Solid State Catheter Adapter Cable for Polygraf ID	1
9012C1071	4 ch Solid State Catheter Adapter Cable for Polygraf ID	1
G92-4333	3 ch Solid State Catheter Accessory Cable for Polygraf HR	1
G92-4313	3 ch + 1 pH Solid State Accessory Cable for Polygraf HR	1
G92-4444	4 ch Solid State Accessory Cable for Polygraf HR	1

EMG Accessories

Our range of EMG electrodes has been extended to include various disposable and reusable electrodes. By keeping a wide selection of functional diagnostic electrodes for EMG studies we trust that you will find the appropriate electrodes for your specific study and patient.

Our electrodes are:

- Specifically designed for pelvic floor diagnostics
- Practical and innovative

- Disposable - eliminating the risk of cross-contamination
- Designed for enhanced patient comfort through practical solutions

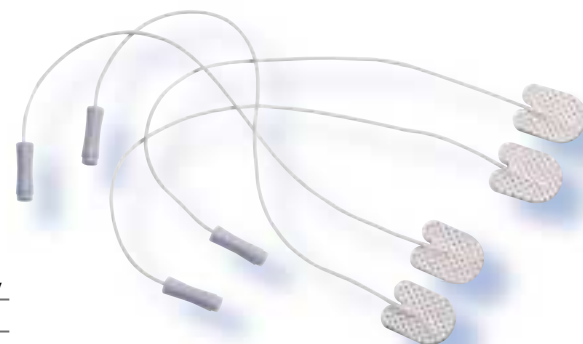


EMG Accessories

Surface Electrodes

We offer small and large pre-gelled Surface Electrodes designed specifically for EMG-recordings. They can be used as both active and reference electrodes. The large electrode can also be used as a ground electrode. The small electrode is especially suited for pediatrics.

- The electrodes are made with pre-gelled adhesives that are gentle on the skin yet keep the electrode firmly in place.

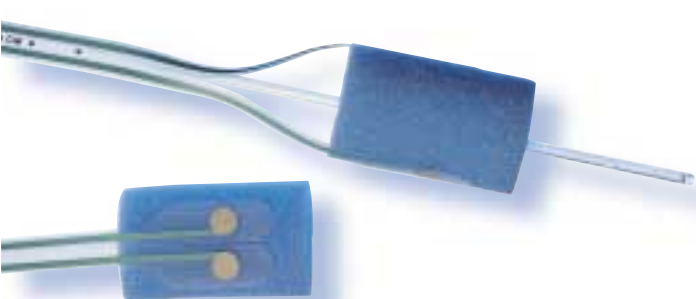


Item no.	Description	Size	Qty
9021S0231	Single-Use Pre-gelled Surface Electrode	Large	12
9013S0221	Single-Use Pre-gelled Surface Electrode	Small	12
9012C1161	EMG Cable for Surface Electrodes and Polygraf ID		1

Sponge Electrodes

Our new Anal Sphincter and Vaginal Sponge electrodes have a patient-friendly design and offer several benefits:

- The sponge keeps the electrode firmly in place to eliminate movement artifacts.
- The slit in the sponge facilitates measurement of EMG and pressure simultaneously.



Item no.	Description	Qty
9013L4811	Single-Use Anal Sphincter Sponge Electrode	25
9021L0203	Single-Use Vaginal Sponge Electrode	25
9012C1451	EMG Cable for Sponge Electrodes and Polygraf ID	1

Anal Plug Electrodes

The Anal Plug Electrodes allow you to measure the EMG signal of the anal sphincter muscle and come in two different sizes.

- The Anal Plug Electrodes feature a convenient pathway for inserting a rectal pressure catheter.



Item no.	Description	Size
9013K0782	Multi-Use Anal Plug Electrode	Large
9013K0792	Multi-Use Anal Plug Electrode	Small
9012C1201	EMG Cable for Plug Electrode and Polygraf ID	

Ground Cables and Sensors

Item no.	Description	Qty
9021S0221	Grounding Strap Electrode	1
9013C0741	Ground Electrode Cable for Disposable Surface Electrodes	1