Unomedical
FOR PEOPLE WHO CARE

Unilect™

Safe and reliable ECG electrodes for all clinical applications

Unilect™ – reliable ECG electrodes that meet all your needs

ECG electrodes – 20 years' experience from Unomedical

With Unomedical as your electrode supplier, you gain a partner with more than 20 years' global experience in the field. We know what we're talking about when it comes to electrodes – and that gives you the assurance of maximum safety and reliability.

You also gain a partner who can supply numerous other disposable hospital items of high quality. Our broad family of products provides solutions for general nursing care, intensive care and the operating theatre / anaesthesia. This versatility makes Unomedical not just a sensible choice as your supplier of electrodes but also a rational source of other disposable devices for hospital use.

Unilect™ – clear signals

Unilect™ packaging material is designed to make product identification quick and simple. The products' properties have been enhanced, so every electrode is carefully tailored to meet your clinical needs, resulting in a family of electrodes which is now one of the most extensive and most reliable on the market.

The Unilect™ family has a number of variants in many different kinds of material, each of which meets the clinical requirements of your department and the comfort of your patients. In short, the Unilect™ family offers you an electrode perfectly suited to each of your needs, at the same time as making the choice simple and understandable (see product overview on pages 14-15). Unilect™ products are tested according to the ANSI/AAMI EC 12:2000 standard.

We at Unomedical work continually on making sure we can provide you with the best and most conscientiously designed products available. Our new product, Biotabs™ 0615M, is one result of our commitment to innovation – your clinical requirements harmonise beautifully with our design of the new product.

■ The packaging material is in a new and attractive design, labelled with information that makes it easy to identify the product.

Unilect™ is a family of user-friendly and reliable ECG electrodes that meets all the clinical requirements of every hospital department.

■ Anaesthesia / OR Department

Water repellent electrodes that adhere quickly and securely providing clear and accurate ECG signals.

■ Intensive Care and Coronary Care Departments

Electrodes in semi-transparent porous materials that adhere securely and provide high patient comfort.

■ Neonatal Department

Easy-to-handle electrodes with skin-friendly porous materials and good adhesive properties.

■ Stress and Holter Recordings

Skin-friendly and comfortable electrodes that give a high-quality signal throughout the test.

■ 12-lead ECG

Electrodes that are easy to apply and give quick precise signals – a great advantage when time per patient is limited.

Unilect™

Is reliable data the patients lifeline?

As an anaesthetics practitioner you will certainly want to use trouble-free electrodes. You know better than anybody that an electrode must remain securely attached throughout an entire operation and that the signals it gives must be clear and stable. Well, you can rely on Unilect™ electrodes.

Unilect™ electrodes for Anaesthesia / OR Department

- **Tried and tested, with reliable adhesive properties**
  The strong adhesive properties of the electrodes minimise the risk of problems during the operation and recovery phase. That gives greater safety and reduced need for changing electrodes.

- **Water repellent**
  The electrodes are repellent to water and body fluids – a great advantage during an operation.

- **Available in just the variant you need**
  Unilect™ is a broad family of products that meets your every need. The product family includes special electrodes for children, for patients with acrylic adhesive allergy and for patients who need to be scanned or X-rayed.

■ Unilect™ is available in many variants to meet all your needs. For example, there are electrodes specifically for children and electrodes highly suitable for MRI and X-ray examination.

Unilect™
Electrodes for Anaesthesia / OR Department

Product	Ref. No.	Gel	Material	Connector	Dimensions (mm)	MRI/X-ray
	6110M	Bio-adhesive gel	Foam	Snap	38x38	●
	4570M	Wet gel	Foam	Snap	Ø38	●
	4500M	Wet gel	Foam	Snap	Ø50	●
	4500M-H	Wet gel	Foam	Snap	Ø50	
	4535M	Wet gel	Foam	Snap	32x45	
	1010M	Solid gel	Foam	Snap	38x43	
	1015M	Solid gel	Foam	Snap	35x43	
	0505M	Solid gel	Foam	Snap	37x32	

Product Data Sheets are available on request from your local Unomedical Sales Representative.

Unilect™
Electrodes for Anaesthesia / OR Department

Do you ask enough of the electrodes you use?

As a member of the nursing staff in an Intensive Care or Coronary Care Department, great demands are placed on you every day. You should make great demands of the equipment you use in your daily work. So insist on electrodes that minimise skin irritation as well as meeting all your clinical demands.

Unilect™ electrodes for Intensive Care and Coronary Care Departments

- **Give greater safety and higher patient comfort**
  Porous transparent materials are gentle on patients' skin and allow you to observe the skin and intervene in good time if you find symptoms of skin irritation. The cleartape material is water repellent, which means that you can easily wash the patient and minimise risk of infection. The electrodes' thin profile ensures they don't get caught on the patient's clothing.

- **Stay attached for long periods**
  The adhesive properties are suited to clinical conditions, which means the electrodes stay attached for long periods at the same time as being gentle on the skin.

- **Are highly suitable for MRI and X-ray procedures**
  Long-term patients often undergo a plethora of different examinations. So it can be a great advantage if electrodes are transparent to electro-magnetic waves, reducing work load and frequent electrode changes that can result in the patient's skin being compromised, thereby increasing the risk of infection.

■ The materials used have been developed to be gentle on the patient's skin.

Unilect™
Electrodes for Intensive Care and Coronary Care Departments

Product	Ref. No.	Gel	Material	Connector	Dimensions (mm)	MRI/X-ray
	4440M	Wet gel	Cloth	Snap	Ø55	●
	1014M	Solid gel	Cleartape	Snap	38x43	●
	40713	Bio-adhesive gel	Cloth	Snap	19x38	●
	4060M	Wet gel	Microtape	Snap	Ø55	
	4620M	Wet gel	Microtape	Snap	Ø38	

Product Data Sheets are available on request from your local Unomedical Sales Representative.

Unilect™
Electrodes for Intensive Care and Coronary Care Departments

Unilect™

Do you also want to administer the gentlest of care to a new-born baby?

The new-born patient needs all your professional skill and care – as well as lots of undisturbed rest. By choosing Unilect™ electrodes, you are helping to give the best possible care.

Unilect™ electrodes for the new-born

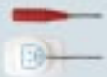
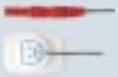
- **Are suited to their special needs and conditions**
  The special bio-adhesive gel ensures good adhesive properties that are suited to the humidity of an incubator – so electrodes don't need changing so frequently.
  The electrodes and cables are so soft that they cause no irritation, which means the baby is not unnecessarily disturbed - and neither is your work routine.

- **Do not affect adversely scanning and X-ray examinations**
  Radio-transparent electrodes such as Unilect™ have the practical advantage that they produce no shadows on MRI scans and X-rays.

- **Are easy to use**
  The electrodes are packed in bags of three, exactly the number you need for each patient. They are easy to unpack and apply and the gel does not stick to clothes and bed linen.

■ The electrodes have been specially developed to be gentle on the skin of new-born babies and to be easy to use.

Unilect™
Electrodes for Neonatal Department

Product	Ref. No.	Gel	Material	Connector	Cable length (mm)	Dimensions (mm)	MRI/X-ray
	40550	Bio-adhesive gel	Cloth	4mm	60	22x27	●
	40554	Bio-adhesive gel	Cloth	1.5mm DIN	60	22x22	●
	40555	Bio-adhesive gel	Cloth	1.5mm DIN	60	22x27	●
	40556	Bio-adhesive gel	Cloth	4mm	60	22x22	●
	40801	Bio-adhesive gel	Cloth	4mm	10	19x26	●

Product Data Sheets are available on request from your local Unomedical Sales Representative.

Unilect™
Electrodes for Neonatal Department

Unilect™

Are you fed up with applying electrodes to match the direction of the cables?

There's not much time in your working day for each patient, so it is important that an ECG examination proceeds with no delays. That means electrodes must be easy to apply, remain securely attached during the procedure and give a good signal quickly.

Unilect™ wet gel electrodes

- **Give a stable signal quickly**
  Unilect™ wet gel ensures a quick signal of good quality. The electrodes' construction minimises motion artefact that can cause interference with the ECG recording.
- **Are easy to work with**
  The electrodes come in practical procedure packs of five per sheet, which corresponds to two sheets per patient. The connector can rotate to follow the cable direction, thereby eliminating kinks in the cable.
- **Have a thoroughly tested and reliable adhesive**
  The special adhesive ensures that the electrode remains securely attached during the ECG recording – it is also very gentle on the patient's skin.

Biotabs™ solid gel electrodes

- **Stay securely attached during the procedure**
  Biotabs™ sticky solid gel ensures that the electrode remains securely attached at the same time as being gentle on the patient's skin.
- **Are easy to work with**
  Biotabs™ electrodes are quick and simple to use, with ten electrodes per sheet. The Unilect™ electrode clip is designed to be simple and easy to use.
- **Meets all your needs**
  There is a family of Biotabs™ electrodes to meet all your needs. Biotabs™ 0615M is an innovative product with greater resistance to tugs and pulls than traditional tabs.

■ The new Biotabs™ 0615M design is innovative and time-saving.
The electrodes adhere securely and are easy to apply.

Unilect™
Electrodes for Diagnostic 12-lead EGG

Product	Ref. No.	Gel	Material	Connector	Dimensions (mm)	MRI/X-ray
	4540M	Wet gel	Foam	4mm slot	32x45	●
	4530M	Wet gel	Foam	3mm slot	32x45	●
	0915M	Solid gel	Foam	Tab	32x34	●
	0615M	Solid gel	Graphite	Tab	26x37	●
	0715M	Solid gel	Graphite	Tab	26x34	●
	0415M	Solid gel	Graphite	Tab	23x34	●
	0315M	Solid gel	Graphite	Tab	21x35	●
	0215M	Solid gel	Graphite	Tab	13x34	●
	0334M	-	-	Snap clip	-	

Product Data Sheets are available on request from
your local Unomedical Sales Representative.

Unilect™
Electrodes for Diagnostic 12-lead EGG

Do your electrodes pass the test?

No matter whether you are recording a patient's ECG in a stress test, a Holter recording or an event procedure, the electrodes must be able to pass the test. They must be skin-friendly, remain securely attached and the signal must be of good quality so the test doesn't need repeating. The patient trusts you - and you must be able to trust your electrodes.

Unilect™ electrodes for stress, Holter and event tests

- **Are comfortable and gentle on the patient**
  Unilect™ Holter and event electrodes are designed to be skin-friendly and comfortable for the patient. The electrode is made of porous material and has a thin profile to minimise the risk of snagging on clothes and bed linen.

- **Give clear signals**
  Unilect™ electrodes for ambulatory and stress tests are coated with wet gel to give ECG recordings of high quality. Electrodes for event recordings are coated with a sticky solid gel to minimise the risk of skin irritation, even after several days' use.

- **Remain securely attached throughout the test**
  The excellent adhesive properties ensure that the electrodes don't fall off, resulting in a good and stable signal.

■ Holter and event electrodes have been developed to be skin-friendly and comfortable, and the adhesive properties have been adapted to meet the demands of these recordings.

Unilect™
Electrodes for Diagnostic Stress and Holter Recordings

Product	Ref. No.	Gel	Material	Connector	Dimensions (mm)
	4560M	Wet gel	Foam	Snap	38x60
	4040M	Wet gel	Cloth	Snap	Ø60
	0668M	Solid gel	Microtape	Snap	55x78
*	2121M	-	-	-	19x28

* Unilect™ abrasive pad for skin preparation

Product Data Sheets are available on request from your local Unomedical Sales Representative.

Unilect™
Electrodes for Diagnostic Stress and Holter Recordings

Unilect™ Product Overview

ECG electrodes and their clinical application areas

Product	Category	Ref. no.	Gel	Material	Connector	Dimensions (mm)	Packaging (pouch/box/carton)	Anaesthesia	Emergency	Intensive Care	Coronary Care	Diagnostics	MRI/X-ray	Card. Cath. Lab	Cardiotopography	Adult	Paediatric	Neonate
Anaesthesia / OR Department																		
	P	6110M	Bio-adhesive gel	Foam	Snap	38x38	3/300/3000	●	●	●	●		●	●	●	●	●	
	P	4570M	Wet gel	Foam	Snap	Ø38	30/300/3000	●	●				●	●			●	
	P	4500M	Wet gel	Foam	Snap	Ø50	30/300/3000	●	●				●	●	●	●		
	Q	4500M-H	Wet gel	Foam	Snap	Ø50	60/300/3000	●	●					●	●	●		
	Q	4535M	Wet gel	Foam	Snap	32x45	60/300/3000	●						●	●	●	●	
	Q	1010M	Solid gel	Foam	Snap	38x43	60/300/3000	●	●					●	●	●		
	Q	1015M	Solid gel	Foam	Snap	35x43	60/300/3000	●	●					●	●	●		
	Q	0505M	Solid gel	Foam	Snap	37x32	60/300/3000	●	●					●			●	
Intensive Care / Coronary Care Departments																		
	P	4440M	Wet gel	Cloth	Snap	Ø55	30/300/3000			●	●		●			●		
	P	1014M	Solid gel	Cleartape	Snap	38x43	30/300/3000			●	●		●		●	●		
	P	40713	Bio-adhesive gel	Cloth	Snap	19x38	3/300/3000			●	●	●	●				●	
	Q	4060M	Wet gel	Microtape	Snap	Ø55	60/300/3000			●	●					●		
	Q	4620M	Wet gel	Microtape	Snap	Ø38	60/300/3000			●	●						●	

Unilect™ ECG electrodes are divided into two categories:

P : Premium

Q : Quality

All electrodes within the Unilect™ family are quality products, however Unilect™ Premium electrodes have additional clinical advantages.

Product	Category	Ref. no.	Gel	Material	Connector	Dimensions (mm)	Packaging (pouch/box/carton)	Anaesthesia	Emergency	Intensive Care	Coronary Care	Diagnostics	MRI/X-ray	Card. Cath. Lab	Cardiotopography	Adult	Paediatric	Neonate
Neonatal Department																		
	P	40550	Bio-adhesive gel	Cloth	4mm*	22x27	3/300/3000			●			●					●
	P	40554	Bio-adhesive gel	Cloth	1.5mm* DIN	22x22	3/300/3000			●			●					●
	P	40555	Bio-adhesive gel	Cloth	1.5mm* DIN	22x27	3/300/3000			●			●					●
	P	40556	Bio-adhesive gel	Cloth	4mm*	22x22	3/300/3000			●			●					●
	P	40801	Bio-adhesive gel	Cloth	4mm**	19x26	10/300/3000					●	●					●
Diagnostic 12-lead ECG																		
	P	4540M	Wet gel	Foam	4mm slot	32x45	60/300/2400		●			●	●	●		●	●	
	P	4530M	Wet gel	Foam	3mm slot	32x45	60/300/2400		●			●	●	●		●	●	
	P	0915M	Solid gel	Foam	Tab	32x34	100/1000/4000		●			●	●	●		●		
	P	0615M	Solid gel	Graphite	Tab	26x37	100/500/5000		●			●	●	●		●	●	
	Q	0715M	Solid gel	Graphite	Tab	26x34	100/500/5000					●	●	●		●		
	Q	0415M	Solid gel	Graphite	Tab	23x34	100/500/5000					●	●	●		●	●	
	Q	0315M	Solid gel	Graphite	Tab	21x35	100/500/5000					●	●	●		●	●	
	Q	0215M	Solid gel	Graphite	Tab	13x34	100/500/5000					●	●				●	
		0334M	-	-	Snap clip	-	10					●		●		●	●	
Diagnostic Stress and Holter Recordings																		
		4560M	Wet gel	Foam	Snap	38x60	60/300/3000					●				●		
		4040M	Wet gel	Cloth	Snap	Ø60	60/300/3000					●				●		
		0668M	Solid gel	Microtape	Snap	55x78	30/300/3000					●				●		
		2121M	-	-	-	19x28	500					●				●	●	

* Cable length: 60 cm, ** Cable length: 10 cm

Unilect™

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"We will be a leading supplier of high quality medical devices to improve treatment and care of patients and safe use by healthcare professionals worldwide."

Unomedical's mission

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All Unomedical products are CE-marked according to Directive 93/42/EEC concerning medical devices.

With reservation for misprint and alterations in product specifications.

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