



Offer catalogue

ECG Electrodes

SORIMEX

Trusted Polish Manufacturer of ECG Electrodes and Custom Cables

With over 35 years of experience, SORIMEX is a Polish company specializing in high-quality disposable ECG electrodes, custom cables, and accessories.

- In-house production in the EU**
Full control over quality and delivery times
- Certified quality (ISO 13485, CE, MDR)**
Consistent safety and regulatory compliance
- Export experience**
Active in 50+ international markets
- Modern R&D and production center**
Advanced technology and innovation
- OEM/Private label capabilities**
Flexible cooperation with global partners
- Eco-responsibility**
Green energy use and certified environmental practices



We empower professionals and care for patients

- Effective participation and success in tenders worldwide**
- No corporate bureaucracy**
- Short lead times & low MOQ**
- 100% availability of popular ECG electrode models**
- Reasonable prices thanks to investments in technology**

Made in the EU. Trusted Worldwide

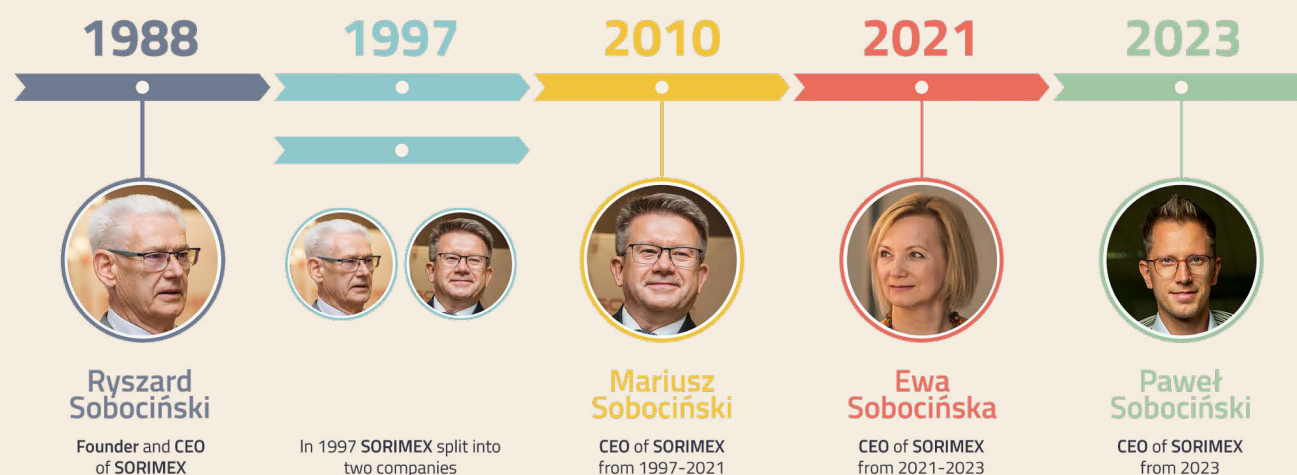
Our mission

As experts and partners, we deliver safe, high-quality solutions and medical products that support the protection of human health and life.

Paweł Sobociński
CEO of SORIMEX

Family Heritage

Founded in 1988, SORIMEX is a family-owned company based in Toruń, Poland. Its name combines the names of its founders, **Ryszard** and **Mariusz Sobociński**, reflecting a legacy of continuity and shared vision. Today, the company is led by the founder's grandson, **Paweł Sobociński**, continuing the tradition of trusted family leadership.



SORIMEX exports medical products to over 50 countries worldwide - from Germany, France, and Italy to Peru, Thailand, Egypt, Vietnam, Israel, Ukraine, and the Gulf countries.

Our products are present in both public healthcare systems and private clinics and distribution networks.

We understand the realities of international cooperation and provide support at every stage - from documentation to logistics.



35 Years of Eco-Friendly Medical Production

We proudly hold a Green Certificate, confirming that 100% of our electricity is sourced from renewable energy, including solar and wind.





Key Features of Our ECG Electrodes - Everything You Need to Know

Wide range of shapes and sizes

Choose from multiple designs to match the patient type and clinical application

Secure connection

Stainless steel or carbon snaps ensure stable connection with leadwires.

Base material

Durable foam or non-woven backing supports comfort and stability throughout the procedure

Excellent adhesion

Medical-grade, hypoallergenic acrylic adhesive ensures secure placement and skin safety.

Conductive gel

Each electrode contains an electro-conductive gel to guarantee clear, artifact-free signal transmission.

Ag/AgCl sensor

Silver/silver chloride sensors deliver reliable performance across all medical ECG applications.

Match the Gel to Your Needs - Each Option Offers Specific Benefits



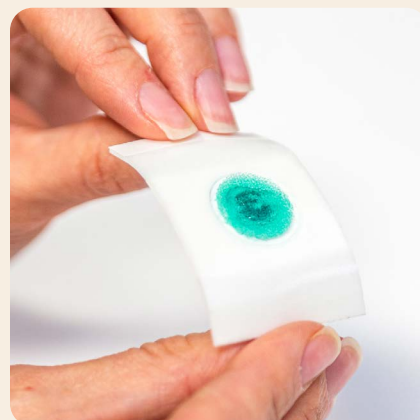
Solid gel

Solid gel provides strong adhesion and long-lasting performance. It maintains its consistency over time, resists drying out, and does not leave residue on the patient's skin.



Liquid gel

Formulated primarily with water, liquid gel minimizes skin impedance and ensures high-quality signal transmission. Due to its liquid consistency, it requires a support layer, such as a sponge, to stay in place.



An ideal choice for longer procedures or when secure placement is critical.



Perfect for diagnostic tests that demand maximum conductivity.

Hydrogel

Hydrogel combines conductivity with natural adhesion. It covers the entire electrode surface and ensures superior electrical contact. While its conductivity is excellent, the adhesive may be less durable compared to solid gel.



Best suited for short-term applications.

Different Materials - One Solution: Comfort and Performance in Every Situation

Polyethylene foam

Formulated primarily with water, liquid gel **minimizes skin impedance** and **ensures high-quality signal transmission**.

Due to its liquid consistency, it requires a support layer, such as a sponge, to stay in place.



Non-woven fabric

Perforated nonwoven backing improves breathability, making it **ideal for sensitive skin**.

It is thinner and more flexible than foam, ensuring a gentle fit - especially for pediatric and elderly patients.



Recommended for diagnostic tests that demand maximum conductivity.



Best suited for short- to medium-term monitoring, including holter.

PET paper

PET backing is ultra-thin, dimensionally stable, and water-resistant. Its smooth surface makes it **ideal for short-duration tests** and procedures where low profile and rigidity are required. Particularly valued in resting and/or emergency diagnostics.

All SORIMEX ECG EK-S Electrodes, including those with a stainless steel, are MRI Compatible

This allows seamless patient transfers between imaging and monitoring without the need for reapplication - **saving time, reducing stress, and improving workflow**.
Please refer to the Instructions for Use for specific MRI guidelines.

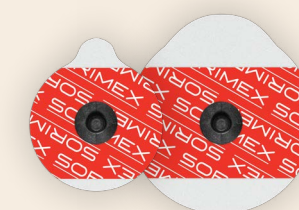


Made of degreased stainless steel, our snaps guarantee secure leadwire connection and high signal stability.



X-Ray Compatible Electrodes

For radiological procedures, we offer snaps made from ABS filled with 40% carbon fiber. These snaps are **invisible under X-ray**, making them suitable for procedures where monitoring and imaging overlap.



Carbon Snap



Resting tests

A resting ECG may be a short test — but it's a vital one. Even if the procedure seems simple, electrode choice matters. That's why we offer a **wide range of options**: from cost-effective designs to solutions for challenging skin conditions or pediatric use. The use of disposable electrodes minimizes the risk of cross-infection.

EK-T 3423SG TAB



34 x 23 mm



When skin gets in the way - choose more contact

- ✓ Designed for patients with dry or resistant skin
- ✓ Large surface with liquid gel for **excellent signal conduction**
- ✓ **Quick and easy application** - even in challenging cases
- ✓ Reliability and comfort in every clinical situation

Also check out the children's version **EK-T 3413SG TAB**

EK-S 30 PSG



ø 30 mm



Tailored for little patients

- ✓ Smaller, round shape that gently fits a child's body for maximum comfort
- ✓ Easy and precise application thanks to the additional tab - reliable signal quality guaranteed

EK-S 44 PSG



44 x 30 mm



Simplicity that performs

- ✓ Classic shapes for standard resting ECG procedures
- ✓ Cost-effective solution - ideal for high-volume usage
- ✓ **Easy and quick to use** - streamlines clinical workflow
- ✓ Perfect for high-throughput environments where **efficiency and speed** are essential

Also check out the children's version **EK-S 22 PSG**



Short-term monitoring

Short-term monitoring requires more than resting ECG - the electrode must stay in place as patients move between hospital rooms or wards. That's why our electrodes are designed for **durability and comfort**. Good quality and proper designed packaging ensures hygienic storage between uses.

EK-S 45 PSG



45 x 42 mm



Our most trusted all-rounder

- ✓ The **most frequently chosen electrode** in the SORIMEX range - proven and reliable
- ✓ **Universal shape and optimal size** - suitable for various patients and applications
- ✓ Great choice for monitoring and diagnostic procedures



RTG Series - Radiolucent Monitoring

EK-S 30 PSG RTG



ø 30 mm



EK-S 45 PSG RTG



45 x 42 mm



Designed for monitoring - ready for imaging

- ✓ Radiolucent version of our bestsellers - no interference in X-ray imaging
- ✓ Smaller format with carbon snap - no electrode shadowing on images
- ✓ Ideal for short diagnostic procedures in radiology environments
- ✓ Combines the comfort and versatility of the EK-S 45 PSG with the added benefit of radiolucency



EK-S 56 P



55 x 35 mm



When skin gets in the way - choose more contact

- ✓ Ideal for patients with dry or resistant skin
- ✓ Large size and liquid gel ensure **excellent signal conduction**
- ✓ **Quick and effective application** - even in challenging cases



EK-S 55 P



ø 55 mm



When you need more surface - and more certainty

- ✓ Larger diameter and liquid gel - **improved adhesion and signal stability**
- ✓ Reliable choice when stronger contact and longer wear time are needed



Check the full electrode portfolio on page 11



Long-term monitoring

For conditions requiring continuous cardiac observation, electrode performance is critical. These electrodes are designed to remain effective over time - **maintaining skin integrity, preventing irritation, and resisting moisture**. Their robust construction and continuous liners help preserve shape and function, even under challenging conditions.

EK-S 40 PSG

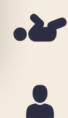


40 x 36 mm

Long wear. Low irritation

- ✓ Smooth, rounded edges - minimize the risk of skin irritation
- ✓ **Ideal for sensitive skin** and extended monitoring durations

Also check out **EK-S 42 PSG** and **EK-S 36 P** with liquid gel



EK-S 61 PSG



55 x 53 mm

EK-S 55 PSG



ø 55 mm

Designed to manage moisture

- ✓ Perfect for long-term monitoring - resistant to body heat and sweat
- ✓ **Hydrophobic polyethylene foam** - channels moisture outward
- ✓ **Long-lasting adhesion** and **reliable signal quality**, even in demanding conditions

Also check out **EK-S 50 PSG** and **EK-S 50 P** - both in ø 50 mm size

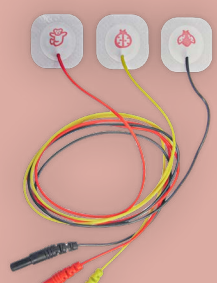


For the most demanding conditions

- ✓ **Large adhesive surface** and **reinforced cable exit** - ideal for high-movement environments or special clinical needs

Also check out **EK-S 61 P** with liquid gel

EK-1/23 WpHG/2j-L50 RTG



23 x 23 mm

Hypoallergenic and soft

- ✓ Effective even in high-humidity environments - ideal for incubators and neonatal intensive care (NICU)
- ✓ **X-ray transparent** - no interference during diagnostic imaging
- ✓ Same gentle, skin-safe design as the standard version
- ✓ Safe for skin. Clear in imaging

Also check out non-radiolucent version **EK-1/23 WpHG/2j-L50**



Holter monitoring

A Holter test monitors the heart over 24 hours or more - while the patient goes about everyday life. Electrodes must stay secure, feel comfortable, and remove cleanly without skin irritation. Each model in this range is built for that balance: **durability, comfort, and skin-friendliness**.

EK-S 60 P T



55 x 40 mm

Stable. Comfortable. Organized

- ✓ Excellent adhesion - ideal for extended wear monitoring
- ✓ Special cable notch - improves wire management and patient comfort
- ✓ Built-in skin abradar - streamlines prep for optimal signal quality, no extra tools needed

Also check out **EK-S 60 PSG** with solid gel and **EK-S 60 P** with liquid gel



EK-S 50 NWSG



ø 50 mm

Sensitive skin? Choose breathable care

- ✓ Non-woven, perforated design - **more flexible** than traditional foam
- ✓ **Breathable structure** - reduces moisture build-up
- ✓ Ideal for sensitive, reactive, or fragile skin
- ✓ Low-profile shape - **enhances wearing comfort**, especially during extended use



EK-S 39 PSG



39 x 36 mm

Made for smaller chests, not smaller expectations

- ✓ Designed for Holter diagnostics in pediatric patients
- ✓ Gentle adhesion - **safe for sensitive skin**
- ✓ Compact size - ensures comfort without compromising signal quality
- ✓ Perfect balance of comfort and reliability



Check the full electrode portfolio on page 11



>70%

of hospitals in our domestic market use our electrodes

Stress testing

A cardiac stress test challenges both the patient and the equipment. These procedures are supervised by a physician and track ECG changes under physical exertion. Electrodes must maintain **perfect skin contact** throughout - despite sweat, motion, and increased heart rate - often for up to 90 minutes.

EK-S 60 PSG XC



Strong, steady, sweat-resistant

- ✓ Designed for high performance – large adhesive surface ensures stability even under intense conditions
- ✓ Hydrophobic foam – effectively repels moisture and sweat
- ✓ Reliable signal capture during high-intensity testing
- ✓ Comfortable to wear and easy to remove – no compromises

Also check out **EK-S 55 P** with liquid gel



EK-S 35 PSG ST



EK-S 48 PSG



Form meets function

- ✓ Unique shape – adapts to body contours and movement
- ✓ Maintains reliable contact during twisting, motion, and sweating
- ✓ Easy to apply, secure to wear, gentle to remove
- ✓ Ideal for monitoring in high-activity conditions



See how our ECG electrodes are made



EK-T 3423SG TAB



34 x 23 mm
hydrogel
PET paper
100 pcs / 1000 pcs
Resting tests

EK-T 3413SG TAB



34 x 13 mm
hydrogel
PET paper
100 pcs / 1000 pcs
Resting tests

EK-S 22 PSG



46 x 22.5 mm
solid gel
polyethylene foam
50 pcs / 2250 pcs
Resting tests

EK-S 25 PSG



ø 25.7 mm
solid gel
polyethylene foam
50 pcs / 2500 pcs
Resting tests

EK-S 30 PSG RTG



ø 30 mm
solid gel
polyethylene foam
50 pcs / 2000 pcs
Short-term monitoring

EK-S 30 PSG



ø 30 mm
solid gel
polyethylene foam
50 pcs / 2000 pcs
Resting tests

EK-S 35 PSG ST



50 x 35 mm
solid gel
polyethylene foam
50 pcs / 1500 pcs
Stress testing

EK-S 36 P



ø 36 mm
liquid gel
polyethylene foam
50 pcs / 2000 pcs
Long-term monitoring

EK-S 39 PSG



39 x 36 mm
solid gel
polyethylene foam
50 pcs / 1500 pcs
Holter monitoring

EK-S 40 PSG



40 x 36 mm
solid gel
polyethylene foam
50 pcs / 1500 pcs
Long-term monitoring

EK-S 42 PSG



42 x 36 mm
solid gel
polyethylene foam
50 pcs / 2000 pcs
Long-term monitoring

EK-S 44 PSG



40 x 30 mm
solid gel
polyethylene foam
50 pcs / 2000 pcs
Resting tests

EK-S 45 PSG RTG



45 x 42 mm
solid gel
polyethylene foam
50 pcs / 1500 pcs
Short-term monitoring

EK-S 45 PSG



45 x 42 mm
solid gel
polyethylene foam
50 pcs / 1500 pcs
Short-term monitoring

EK-S 48 PSG



57 x 34 mm
solid gel
polyethylene foam
50 pcs / 1500 pcs
Stress testing

EK-S 50 PSG



ø 50 mm
solid gel
polyethylene foam
50 pcs / 1500 pcs
Long-term monitoring

EK-S 50 NWSG



ø 50 mm
solid gel
non-woven fabric
50 pcs / 2500 pcs
Holter monitoring

EK-S 50 P



ø 50 mm
liquid gel
polyethylene foam
50 pcs / 1500 pcs
Long-term monitoring

EK-S 55 PSG



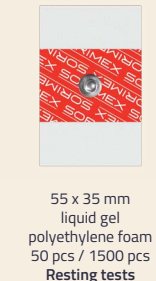
ø 55 mm
solid gel
polyethylene foam
50 pcs / 1500 pcs
Long-term monitoring

EK-S 55 P



ø 55 mm
liquid gel
polyethylene foam
30 pcs / 1200 pcs
Stress testing

EK-S 56 P



55 x 35 mm
liquid gel
polyethylene foam
50 pcs / 1500 pcs
Resting tests

EK-S 60 PSG XC



55 x 40 mm
solid gel
polyethylene foam
50 pcs / 2000 pcs
Stress testing

EK-S 60 PSG



55 x 40 mm
solid gel
polyethylene foam
50 pcs / 2000 pcs
Holter monitoring

EK-S 60 P



55 x 40 mm
liquid gel
polyethylene foam
50 pcs / 1500 pcs
Holter monitoring

EK-S 60 P T



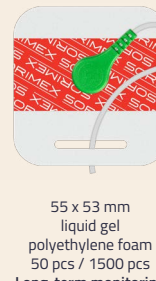
55 x 40 mm
liquid gel
polyethylene foam
50 pcs / 2000 pcs
Holter monitoring

EK-S 61 PSG



55 x 53 mm
solid gel
polyethylene foam
50 pcs / 1500 pcs
Long-term monitoring

EK-S 61 P



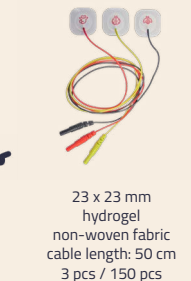
55 x 53 mm
liquid gel
polyethylene foam
50 pcs / 1500 pcs
Long-term monitoring

EK-1/23 WpHG/2j-L50



23 x 23 mm
hydrogel
non-woven fabric
cable length: 50 cm
3 pcs / 150 pcs
Long-term monitoring

EK-1/23 WpHG/2j-L50 RTG



23 x 23 mm
hydrogel
non-woven fabric
cable length: 50 cm
3 pcs / 150 pcs
Long-term monitoring

REF	Index	Dimensions	Number of electrodes			Boxes per EUR-pallet		Dimensions of boxes	Weight	
			strip	pouch	box	land transport*	air transport		box	EUR-pallet
EK-T 3423 TAB	T.ELE.TAB000.001	34 x 23 mm	10 pcs	100 pcs	1000 pcs	64	-	540 x 190 x 210 mm	5 kg	343 kg
EK-T 3413 TAB	T.ELE.TAB000.002	34 x 13 mm	10 pcs	100 pcs	1000 pcs	64	-	540 x 190 x 210 mm	5 kg	343 kg
EK-S 22 PSG	W.ELE.JSP022.001	46 x 22.5 mm	5 pcs	50 pcs	2250 pcs	64	48	390 x 290 x 230 mm	3 kg	214 kg
EK-S 25 PSG	W.ELE.JSP025.002	ø 25.7 mm	5 pcs	50 pcs	2500 pcs	64	48	390 x 290 x 230 mm	3.49 kg	245.36 kg
EK-S 30 PSG RTG	W.ELE.JSPR30.005	ø 30 mm	5 pcs	50 pcs	2000 pcs	64	56	390 x 290 x 230 mm	2.87 kg	205.68 kg
EK-S 30 PSG	W.ELE.JSP030.003	ø 30 mm	5 pcs	50 pcs	2000 pcs	64	56	390 x 290 x 230 mm	2.85 kg	204.4 kg
EK-S 35 PSG ST	W.ELE.JSP035.007D	50 x 35 mm	10 pcs	50 pcs	1500 pcs	72	56	390 x 290 x 180 mm	2.59 kg	208.48 kg
EK-S 36 P	W.ELE.JCP036.008	ø 36 mm	5 pcs	50 pcs	1500 pcs	72	56	390 x 290 x 180 mm	2.11 kg	173.92 kg
EK-S 39 PSG	W.ELE.JSP039.037	39 x 36 mm	5 pcs	50 pcs	1500 pcs	64	56	390 x 290 x 180 mm	2.55 kg	185.2 kg
EK-S 40 PSG	W.ELE.JSP040.010	40 x 36 mm	5 pcs	50 pcs	1500 pcs	64	56	390 x 290 x 180 mm	2.54 kg	184.56 kg
EK-S 42 PSG	W.ELE.JSP042.011	42 x 36 mm	5 pcs	50 pcs	2000 pcs	64	48	390 x 290 x 230 mm	3.32 kg	234.48 kg
EK-S 44 PSG	W.ELE.JSP044.012	44 x 30 mm	5 pcs	50 pcs	2000 pcs	64	48	390 x 290 x 230 mm	2.95 kg	210.8 kg
EK-S 45 PSG RTG	W.ELE.JSPR45.014	45 x 42 mm	4 pcs	50 pcs	1500 pcs	64	48	390 x 290 x 230 mm	2.76 kg	198.64 kg
EK-S 45 PSG	W.ELE.JSP045.013D	45 x 42 mm	10 pcs	50 pcs	1500 pcs	64	48	390 x 290 x 230 mm	2.28 kg	167.92 kg
EK-S 48 PSG	W.ELE.JSP048.045	57 x 34 mm	5 pcs	50 pcs	1500 pcs	64	48	390 x 290 x 230 mm	2.78 kg	199.92 kg
EK-S 50 PSG	W.ELE.JSP050.017	ø 50 mm	8 pcs	50 pcs	1500 pcs	64	48	390 x 290 x 230 mm	2.77 kg	199.28 kg
EK-S 50 NWSG	W.ELE.JSW050.020	ø 50 mm	single cut	50 pcs	2500 pcs	64	48	390 x 290 x 230 mm	3.79 kg	264.56 kg
EK-S 50 P	W.ELE.JCP050.015	ø 50 mm	4 pcs	50 pcs	1500 pcs	64	48	390 x 290 x 230 mm	2.72 kg	196.08 kg
EK-S 55 PSG	W.ELE.JSP055.023	ø 55 mm	3 pcs	50 pcs	1250 pcs	64	48	390 x 290 x 230 mm	2.99 kg	213.36 kg
EK-S 55 P	W.ELE.JCP055.022	ø 55 mm	3 pcs	30 pcs	1200 pcs	64	48	390 x 290 x 230 mm	2.66 kg	192.24 kg
EK-S 56 P	W.ELE.JCP056.024	55 x 35 mm	5 pcs	50 pcs	1500 pcs	64	48	390 x 290 x 230 mm	2.33 kg	171.12 kg
EK-S 60 PSG XC	W.ELE.JSP060.030D	55 x 40 mm	10 pcs	50 pcs	2000 pcs	64	48	390 x 290 x 230 mm	3.85 kg	268.4 kg
EK-S 60 PSG	W.ELE.JSP060.029D	55 x 40 mm	10 pcs	50 pcs	2000 pcs	64	48	390 x 290 x 230 mm	3.78 kg	263.92 kg
EK-S 60 P	W.ELE.JCP060.026	55 x 40 mm	5 pcs	50 pcs	1500 pcs	64	48	390 x 290 x 230 mm	2.5 kg	182 kg
EK-S 60 P T	W.ELE.JCP060.028	55 x 40 mm	5 pcs	50 pcs	1500 pcs	64	48	390 x 290 x 230 mm	2.62 kg	189.68 kg
EK-S 61 PSG	W.ELE.JSP061.033	55 x 53 mm	3 pcs	50 pcs	1500 pcs	64	48	390 x 290 x 230 mm	3.52 kg	247.28 kg
EK-S 61 P	W.ELE.JCP061.032	55 x 53 mm	3 pcs	50 pcs	1500 pcs	48	56	390 x 290 x 180 mm	3.1 kg	170.8 kg
EK-1/23 WpHG/2j-L50	T.ELE.JHW023.001	23 x 23 mm	-	3 pcs	150 pcs	10	-	800 x 530 x 320 mm	18.5 kg	208 kg
EK-1/23 WpHG/2j-L50 RTG	T.ELE.JHWR23.001	23 x 23 mm	-	3 pcs	150 pcs	10	-	800 x 530 x 320 mm	18.5 kg	208 kg

* The standard pallet height is 2 meters. However, different courier companies use varying maximum pallet heights, ranging from 1.6 to 2.2 meters.

Coming soon!

New variants of non-woven fabric ECG electrodes

With the most demanding users in mind – patients with sensitive, reactive, or delicate skin – we are expanding our ECG electrode family with new, single-use non-woven models from the NWSG series.

New variants, even greater possibilities:

- EK-S 38 NWSG – round with tab, 38 × 36 mm
- EK-S 40 NWSG – round, ø 40 mm
- EK-S 60 NWSG – round, ø 60 mm

This is more than just a size update – it’s a practical response to the real needs of healthcare professionals.



More than ECG electrodes

Complete diagnostic solutions

At SORIMEX, we specialize not only in disposable ECG electrodes – we also offer a comprehensive range of diagnostic accessories trusted by hospitals and clinics worldwide.

Our portfolio includes:

- ✓ **Custom cables & wires** – Tailor-made solutions for precision, durability, and integration across industries. We specialize in ECG cables, while also supporting a wide range of other applications
- ✓ **Defibrillation electrodes** – Reliable and fast to apply, ensuring effective energy transfer in emergency settings
- ✓ **Recording paper** – High-precision thermal papers for ECG and CTG devices. Compatible with major brands
- ✓ **Medical gels** – High-conductivity gels for ECG, and ultrasound. Skin-friendly, easy to clean
- ✓ **SpO₂ sensors** – Reusable and disposable sensors, compatible with a wide range of pulse oximeters and patient monitors

Whatever your diagnostic setup – we’re here to complete it with products that combine precision, reliability, and patient safety.



Looking for a trusted partner in diagnostics?
Explore our full product range at www.sorimex.eu or contact us to request a full catalogue.

Contact us!



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