

Medical cables ECG electrodes SpO2 sensors



Product catalogue 2025

Welcome to the world of electromedicine!

SORIMEX



About us

Decades of Expertise in ECG Electrodes and Medical Cables

For over 35 years, we have been a trusted manufacturer of ECG electrodes and medical cables, as well as a supplier of other medical accessories. Our products, based on modern technology and extensive engineering experience, are used in diagnostics, treatment, and various medical procedures.

Custom Solutions for Medical Device Manufacturers

We are ready to meet the needs of medical device manufacturers and distributors, offering both standard products and customized solutions tailored to individual requirements. Our production capabilities allow for quick and precise fulfillment of orders.

Quality Assurance and OEM Customization

Quality and comprehensive support are our top priorities throughout every stage of cooperation—from concept and design to the final product. We also offer product customization under OEM agreements to meet specific customer expectations.

Looking for custom ECG electrodes or medical cables tailored to your device? Contact us for personalized solutions at export@sorimex.eu.

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ECG ELECTRODES



ECG ELECTRODES



Resting tests

EK-S 22 PSG



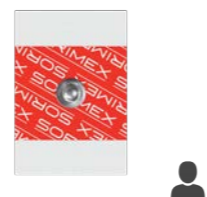
46 x 22.5 mm
solid gel
polyethylene foam

EK-S 30 PSG



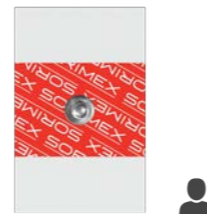
ø 30 mm
solid gel
polyethylene foam

EK-S 44 PSG



44 x 30 mm
solid gel
polyethylene foam

EK-S 56 P



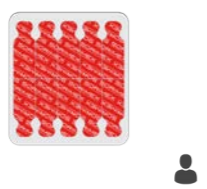
55 x 35 mm
liquid gel
polyethylene foam

EK-T 3423SG TAB
X-RAY, MRI



34 x 23 mm
hydrogel
PET paper

EK-T 3413SG TAB
X-RAY, MRI



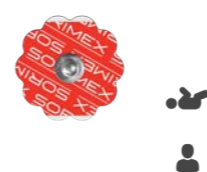
34 x 13 mm
hydrogel
PET paper

TAB electrodes are dedicated mostly for short term resting ECG procedures. They are easy for application and comfortable to wear. TAB electrode is the best choice for medical transport. Using disposable electrodes reduces the risk of cross-contamination.

Catalogue number	Dimensions	Gel	Base material	Patient group
EK-S 22 PSG	46 x 22.5 mm	solid gel	polyethylene foam	neonates pediatric
EK-S 30 PSG	ø 30 mm	solid gel	polyethylene foam	neonates pediatric
EK-S 44 PSG	44 x 30 mm	solid gel	polyethylene foam	adults
EK-S 56 P	55 x 35 mm	liquid gel	polyethylene foam	adults
EK-T 3423SG TAB	34 x 23 mm	hydrogel	PET paper	adults
EK-T 3413SG TAB	34 x 13 mm	hydrogel	PET paper	pediatric

Short-term monitoring

EK-S 25 PSG



ø 25.7 mm
solid gel
polyethylene foam

EK-S 30 PSG RTG
X-RAY



ø 30 mm
solid gel
polyethylene foam

EK-S 45 PSG RTG
X-RAY



45 x 42 mm
solid gel
polyethylene foam

EK-S 45 PSG



45 x 42 mm
solid gel
polyethylene foam

EK-S 55 P



ø 55 mm
liquid gel
polyethylene foam

The circular shape of the ECG electrodes provides a larger contact area with the skin, improving the quality and accuracy of the ECG signal while increasing patient comfort. Thanks to the use of carbon snap, the EK-S 30 PSG RTG and EK-S 45 PSG RTG ECG electrodes are invisible in X-rays, allowing radiological examinations to be conducted without removing the electrodes.

Catalogue number	Dimensions	Gel	Base material	Patient group
EK-S 25 PSG	ø 25.7 mm	solid gel	polyethylene foam	neonates pediatric
EK-S 30 PSG RTG	ø 30 mm	solid gel	polyethylene foam	neonates pediatric
EK-S 45 PSG RTG	45 x 42 mm	solid gel	polyethylene foam	adults
EK-S 45 PSG	45 x 42 mm	solid gel	polyethylene foam	adults
EK-S 55 P	ø 55 mm	liquid gel	polyethylene foam	adults

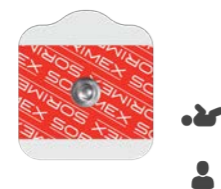
Long-term monitoring

EK-S 36 P



38 x 36 mm
liquid gel
polyethylene foam

EK-S 40 PSG



40 x 36 mm
solid gel
polyethylene foam

EK-S 42 PSG



42 x 36 mm
solid gel
polyethylene foam

EK-S 50 PSG



ø 50 mm
solid gel
polyethylene foam

EK-S 50 P



ø 50 mm
liquid gel
polyethylene foam

EK-S 55 PSG



ø 55 mm
solid gel
polyethylene foam

The round shape of the ECG electrodes provides a larger contact area with the skin, which improves the quality and accuracy of the ECG signal and enhances patient comfort.

Catalogue number	Dimensions	Gel	Base material	Patient group
EK-S 36 P	38 x 36 mm	liquid gel	polyethylene foam	neonates pediatric
EK-S 40 PSG	40 x 36 mm	solid gel	polyethylene foam	neonates pediatric
EK-S 42 PSG	42 x 36 mm	solid gel	polyethylene foam	neonates pediatric
EK-S 50 PSG	ø 50 mm	solid gel	polyethylene foam	adults
EK-S 50 P	ø 50 mm	liquid gel	polyethylene foam	adults
EK-S 55 PSG	ø 55 mm	solid gel	polyethylene foam	adults

Long-term monitoring

EK-S 61 PSG



55 x 53 mm
solid gel
polyethylene foam

EK-S 61 P



55 x 53 mm
liquid gel
polyethylene foam

EK-1/23 WpHG/2j-L50



23 x 23 mm
hydrogel
perforated
non-woven fabric

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



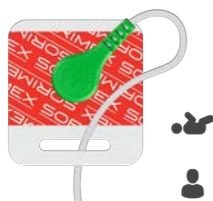
23 x 23 mm
hydrogel
perforated
non-woven fabric

Pre-wired neonatal electrodes with a specialized hydrogel are invaluable in incubators enabling multiple repositioning during patient care. They remain invisible in X-rays, facilitating radiological examinations without electrode removal. Compatible with DIN 1.5 mm socketed ECG cables such as EK-1/23.

Catalogue number	Dimensions	Gel	Base material	Patient group
EK-S 61 PSG	55 x 53 mm	solid gel	polyethylene foam	adults
EK-S 61 P	55 x 53 mm	liquid gel	polyethylene foam	adults
EK-1/23 WpHG/2j-L50	23 x 23 mm	hydrogel	perforated non-woven fabric	neonates
EK-1/23 WpHG/2j-L50 RTG	23 x 23 mm	hydrogel	perforated non-woven fabric	neonates

Holter monitoring

EK-S 39 PSG



39 x 36 mm
solid gel
polyethylene foam

EK-S 50 NWSG



ø 50 mm
solid gel
perforated
non-woven fabric

EK-S 60 PSG



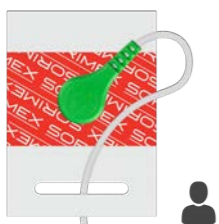
55 x 40 mm
solid gel
polyethylene foam

EK-S 60 P



55 x 40 mm
liquid gel
polyethylene foam

EK-S 60 P T



55 x 40 mm
liquid gel
polyethylene foam

The unique cutout in the ECG electrodes allows for the attachment of the electrode and connecting wires in a durable and patient-friendly manner, ensuring stability and continuous transmission of the ECG signal.

Thanks to the gentle fabric, the EK-S 50 NWSG electrode fits perfectly to the body's curves and allows the skin to breathe freely throughout the entire examination. It is designed for individuals who are particularly active, experience excessive sweating, or are overweight.

Catalogue number	Dimensions	Gel	Base material	Patient group
EK-S 39 PSG	39 x 36 mm	solid gel	polyethylene foam	neonates pediatric
EK-S 50 NWSG	ø 50 mm	solid gel	perforated non-woven fabric	adults
EK-S 60 PSG	55 x 40 mm	solid gel	polyethylene foam	adults
EK-S 60 P	55 x 40 mm	liquid gel	polyethylene foam	adults
EK-S 60 P T	55 x 40 mm	liquid gel	polyethylene foam	adults

Stress testing

EK-S 35 PSG ST



50 x 35 mm
solid gel
polyethylene foam

EK-S 48 PSG



57 x 34 mm
solid gel
polyethylene foam

EK-S 55 P



ø 55 mm
liquid gel
polyethylene foam

EK-S 60 PSG XC



55 x 40 mm
solid gel
polyethylene foam

The circular shape of the ECG electrodes provides a larger contact area with the skin, improving the quality and accuracy of the ECG signal while increasing patient comfort. Thanks to the use of carbon snap, the EK-S 30 PSG RTG and EK-S 45 PSG RTG ECG electrodes are invisible in X-rays, allowing radiological examinations to be conducted without removing the electrodes.

Catalogue number	Dimensions	Gel	Base material	Patient group
EK-S 35 PSG ST	50 x 35 mm	solid gel	polyethylene foam	neonates pediatric
EK-S 48 PSG	57 x 34 mm	solid gel	polyethylene foam	adults
EK-S 55 P	ø 55 mm	liquid gel	polyethylene foam	adults
EK-S 60 PSG XC	55 x 40 mm	solid gel	polyethylene foam	adults



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EK-T 3423SG TAB <i>X-ray, MRI</i> 34 x 23 mm hydrogel PET paper 100 pcs / 1000 pcs	EK-T 3413SG TAB <i>X-ray, MRI</i> 34 x 13 mm hydrogel PET paper 100 pcs / 1000 pcs	EK-S 22 PSG 46 x 22.5 mm solid gel polyethylene foam 50 pcs / 2250 pcs	EK-S 25 PSG ø 25.7 mm solid gel polyethylene foam 50 pcs / 2500 pcs	EK-S 30 PSG RTG <i>X-ray</i> ø 30 mm solid gel polyethylene foam 50 pcs / 2000 pcs	EK-S 30 PSG ø 30 mm solid gel polyethylene foam 50 pcs / 2000 pcs
EK-S 35 PSG ST 50 x 35 mm solid gel polyethylene foam 50 pcs / 1500 pcs	EK-S 36 P ø 36 mm liquid gel polyethylene foam 50 pcs / 2000 pcs	EK-S 39 PSG 39 x 36 mm solid gel polyethylene foam 50 pcs / 1500 pcs	EK-S 40 PSG 40 x 36 mm solid gel polyethylene foam 50 pcs / 1500 pcs	EK-S 42 PSG 42 x 36 mm solid gel polyethylene foam 50 pcs / 2000 pcs	EK-S 44 PSG 40 x 30 mm solid gel polyethylene foam 50 pcs / 2000 pcs
EK-S 45 PSG RTG <i>X-ray</i> 45 x 42 mm solid gel polyethylene foam 50 pcs / 1500 pcs	EK-S 45 PSG 45 x 42 mm solid gel polyethylene foam 50 pcs / 1500 pcs	EK-S 48 PSG 57 x 34 mm solid gel polyethylene foam 50 pcs / 1500 pcs	EK-S 50 PSG ø 50 mm solid gel polyethylene foam 50 pcs / 1500 pcs	EK-S 50 NWSG ø 50 mm solid gel non-woven fabric 50 pcs / 2500 pcs	EK-S 50 P ø 50 mm liquid gel polyethylene foam 50 pcs / 1500 pcs
EK-S 55 PSG ø 55 mm solid gel polyethylene foam 50 pcs / 1500 pcs	EK-S 55 P ø 55 mm liquid gel polyethylene foam 30 pcs / 1200 pcs	EK-S 56 P 55 x 35 mm liquid gel polyethylene foam 50 pcs / 1500 pcs	EK-S 60 PSG XC 55 x 40 mm solid gel polyethylene foam 50 pcs / 2000 pcs	EK-S 60 PSG 55 x 40 mm solid gel polyethylene foam 50 pcs / 2000 pcs	EK-S 60 P 55 x 40 mm liquid gel polyethylene foam 50 pcs / 1500 pcs
EK-S 60 P T 55 x 40 mm liquid gel polyethylene foam 50 pcs / 2000 pcs	EK-S 61 PSG 55 x 53 mm solid gel polyethylene foam 50 pcs / 1500 pcs	EK-S 61 P 55 x 53 mm liquid gel polyethylene foam 50 pcs / 1500 pcs	EK-1/23 WpHG/2j-L50 23 x 23 mm hydrogel non-woven fabric cable length: 50 cm 3 pcs / 150 pcs	EK-1/23 WpHG/2j-L50 RTG <i>X-ray</i> 23 x 23 mm hydrogel non-woven fabric cable length: 50 cm 3 pcs / 150 pcs	

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REF	Dimensions	Base material	Gel	Patient group	Number of electrodes			Cases per EUR-pallet	
					strip	pouch	case	land transport	air transport
EK-T 3423 TAB	34 x 23 mm	Paper/PET	hydrogel	adults	10 pcs	100 pcs	1000 pcs	-	-
EK-T 3413 TAB	34 x 13 mm	Paper/PET	hydrogel	pediatric	10 pcs	100 pcs	1000 pcs	-	-
EK-S 22 PSG	46 x 22.5 mm	polyethylene foam	solid gel	neonates, pediatric	5 pcs	50 pcs	2250 pcs	56 pcs	48 pcs
EK-S 25 PSG	ø 25.7 mm	polyethylene foam	solid gel	neonates, pediatric	5 pcs	50 pcs	2500 pcs	56 pcs	48 pcs
EK-S 30 PSG RTG	ø 30 mm	polyethylene foam	solid gel	neonates, pediatric	5 pcs	50 pcs	2000 pcs	72 pcs	56 pcs
EK-S 30 PSG	ø 30 mm	polyethylene foam	solid gel	neonates, pediatric	5 pcs	50 pcs	2000 pcs	75 pcs	56 pcs
EK-S 35 PSG ST	50 x 35 mm	polyethylene foam	solid gel	pediatric	10 pcs	50 pcs	1500 pcs	72 pcs	56 pcs
EK-S 36 P	ø 36 mm	polyethylene foam	liquid gel	pediatric	5 pcs	50 pcs	2000 pcs	72 pcs	56 pcs
EK-S 39 PSG	39 x 36 mm	polyethylene foam	solid gel	pediatric	5 pcs	50 pcs	1500 pcs	72 pcs	56 pcs
EK-S 40 PSG	40 x 36 mm	polyethylene foam	solid gel	pediatric	5 pcs	50 pcs	1500 pcs	72 pcs	56 pcs
EK-S 42 PSG	42 x 36 mm	polyethylene foam	solid gel	pediatric	5 pcs	50 pcs	2000 pcs	72 pcs	56 pcs
EK-S 44 PSG	40 x 30 mm	polyethylene foam	solid gel	pediatric	5 pcs	50 pcs	2000 pcs	72 pcs	56 pcs
EK-S 45 PSG RTG	45 x 42 mm	polyethylene foam	solid gel	pediatric, adults	5 pcs	50 pcs	2000 pcs	56 pcs	48 pcs
EK-S 45 PSG	45 x 42 mm	polyethylene foam	solid gel	pediatric, adults	5 pcs	50 pcs	2000 pcs	56 pcs	48 pcs
EK-S 48 PSG	57 x 34 mm	polyethylene foam	solid gel	adults	4 pcs	50 pcs	1500 pcs	56 pcs	48 pcs
EK-S 50 PSG	ø 50 mm	polyethylene foam	solid gel	adults	10 pcs	50 pcs	1500 pcs	56 pcs	48 pcs
EK-S 50 NWSG	ø 50 mm	non-woven fabric	solid gel	adults	5 pcs	50 pcs	2500 pcs	56 pcs	48 pcs
EK-S 50 P	ø 50 mm	polyethylene foam	liquid gel	adults	single cut	50 pcs	2500 pcs	56 pcs	48 pcs
EK-S 55 PSG	ø 55 mm	polyethylene foam	liquid gel	adults	4 pcs	50 pcs	1500 pcs	56 pcs	48 pcs
EK-S 55 P	ø 55 mm	polyethylene foam	liquid gel	adults	3 pcs	50 pcs	1250 pcs	56 pcs	48 pcs
EK-S 56 P	55 x 35 mm	polyethylene foam	liquid gel	adults	3 pcs	50 pcs	1200 pcs	56 pcs	48 pcs
EK-S 60 PSG XC	55 x 40 mm	polyethylene foam	solid gel	adults	5 pcs	50 pcs	1500 pcs	56 pcs	48 pcs
EK-S 60 PSG	55 x 40 mm	polyethylene foam	solid gel	adults	10 pcs	50 pcs	2000 pcs	56 pcs	48 pcs
EK-S 60 P	55 x 40 mm	polyethylene foam	liquid gel	adults	10 pcs	50 pcs	2000 pcs	56 pcs	48 pcs
EK-S 60 P T	55 x 40 mm	polyethylene foam	liquid gel	adults	5 pcs	50 pcs	1500 pcs	56 pcs	48 pcs
EK-S 61 PSG	55 x 53 mm	polyethylene foam	solid gel	adults	3 pcs	50 pcs	1500 pcs	56 pcs	48 pcs
EK-S 61 P	55 x 53 mm	polyethylene foam	liquid gel	adults	3 pcs	50 pcs	1000 pcs	72 pcs	56 pcs
EK-1/23 WpHG/2j-L50	23 x 23 mm	non-woven fabric	hydrogel	neonates	-	3 pcs	150 pcs	-	-
EK-1/23 WpHG/2j-L50 RTG	23 x 23 mm	non-woven fabric	hydrogel	neonates	-	3 pcs	150 pcs	-	-



MEDICAL CABLES

Your Reliable Partner in Medical Cable and Leadwire Production

Our medical cables are essential for transmitting signals between patients and medical devices, playing a crucial role in diagnostics and monitoring. High quality and precision engineering ensure reliable performance in various applications.

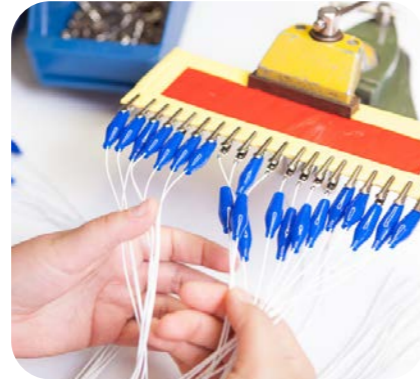
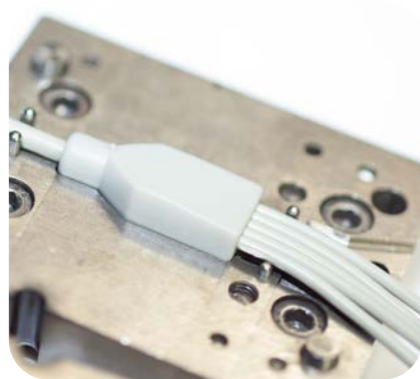
We offer a wide range of medical cable solutions:

- cables for ECG, EEG, EMG and monitoring systems
- leadwires compatible with various switching systems
- wide range of patient-side connectors
- extensive compatibility with most medical devices
- customizable cable printing
- sterilization available for use in operating rooms
- and much more...

- 100.000+** Annual production capacity for cables & wires
- >1000** Active generic and project cable SKUs in the order
- 330** Active SKUs for custom-made cables in our offering
- 75** Satisfied clients for custom-made cables
- 20** Ongoing projects for manufacturers under development and production
- 15** Fully equipped cable processing workstations
- 3** High-efficiency injection molding machines

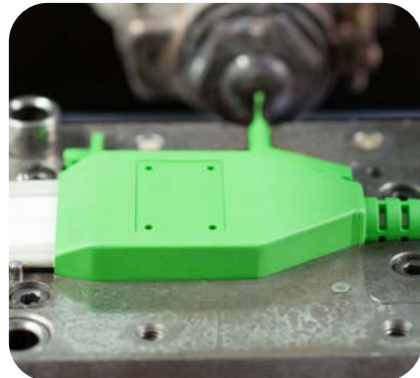
SORIMEX

Customized cables and leadwires for medical devices



35 years of experience
High trained staff

EU based
Advising approach



Trusted partner for big manufacturers
ISO 13845 certified

Agility and flexibility



SORIMEX





SpO2 measurement

Discover our
SpO2 measurement

SpO2 sensors measure blood oxygen saturation and heart rate, perfect for use during oxygen therapy, anesthesia, and emergency care. Available in disposable and reusable versions, they offer non-invasive, reliable monitoring for all patient types, from newborns to seniors.

Key features:

- Compatible with major brands like Nellcor, Philips, Mindray, GE, and more
- Variety of connectors: finger clips, ear clips, soft sensors, and others
- Extension cables and adapters for secure, comfortable attachment

Choose precision and comfort with our tailored SpO2 solutions.



- 1** Finger clips, ear clips, soft sensors, and universal sensors – designed to meet specific requirements and provide versatility in various medical applications
- 2** The wide range of connectors used allows the sensor to be compatible with most monitors available on the market
- 3** A 1m or 3m cable, with the option to extend using a wide range of extension cables

Patient-end connector types



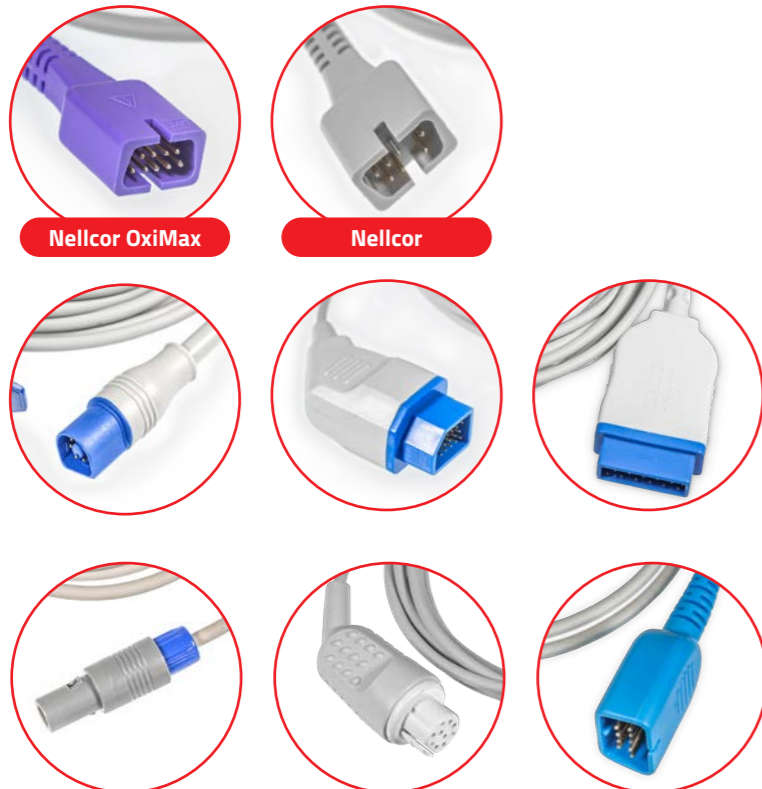
Reusable SpO2sensors

- finger clip
- ear clip
- soft
- multi-site

Disposable SpO2 sensors

- adhesive foam
- adhesive textile
- non-adhesive sponge

Compatibility



- Nellcor
- Nellcor OxiMax
- Philips
- BCI
- Biolight
- Masimo
- Mindray
- Nihon Kohden
- Nonin
- Novamatrix
- Contec
- Dräger / Siemens
- GE Datex Ohmeda
- GE OxyTip+
- GE TruSat

Notes



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