



SKINTACT® ESU

NEUTRAL ELECTRODES & ACESSORIES FOR ELECTROSURGERY

Raising the Standards

Maximising the full potential of advanced electrosurgical units in the market today, not only requires the surgeon's skills but also a reliable range of active and passive accessories. These accessories should offer safety and comfort without compromise to both patient and clinician.

Leonhard Lang's range of SKINTACT® Cool Contact Electrosurgical Neutral Electrodes and Pencils provide the highest degree of safety.



SKINTACT® Cool Contact Electrosurgical Neutral Electrodes are manufactured using Lang's unique C-Line technology resulting in low skin contact impedance which ensures the electrode stays as cool as possible during use.

In addition, C-Line prevents gel delamination and shrinkage. This is achieved by curing the hydrogel on line unlike many conventional manufacturers who produce or buy their hydrogel in rolls first and then manufacture the product.

C-Line combines the manufacture of the hydrogel and the neutral electrode all in one, significantly reducing cost which is why our electrodes are very competitively priced.

SKINTACT® Cool Contact

Electrosurgical Neutral Electrodes

- » Soft hydrogel is kind to skin and creates a better interface between patient and neutral electrode facilitating a more efficient electrical contact.
- » Low skin contact impedance ensures the neutral electrode stays as cool as possible during use.
- » An enhanced adhesive border provides extra security should the neutral electrode be pulled inadvertently or come into contact with prepping solutions.
- » SKINTACT® Neutral Electrodes are available with and without pre-attached cable.



Split Electrosurgical Neutral Electrodes for Adults



RS25

RS27

Code	Qty./Pouch	Size	Conductive Area	Weight Limit	with 3m Cable*
RS25	1	adult	118 cm ²	> 15 kg (33 lbs)	RS25A30
RS27	1	adult	120 cm ²	> 15 kg (33 lbs)	RS27A30
RS25 /5	5	adult	118 cm ²	> 15 kg (33 lbs)	
RS27 /5	5	adult	120 cm ²	> 15 kg (33 lbs)	

Electrosurgical Neutral Electrodes for Children and Neonates



RS06

RS26

RS03

RS23

Code	Type	Size	Conductive Area	Weight Limit	with 3m Cable*
RS06	unsplit	paediatric	76 cm ²	5 - 15 kg (11 - 33 lbs)	RS06B30
RS26	split	paediatric	66 cm ²	5 - 15 kg (11 - 33 lbs)	RS26A30
RS03	unsplit	neonatal	38 cm ²	0,45 - 4,99 kg (1 - 11 lbs)	RS03B30
RS23	split	neonatal	34 cm ²	0,45 - 4,99 kg (1 - 11 lbs)	RS23A30

Power & Current Information:

- » **RS06 & RS26:** maximum 120 Watt
- » **RS03 & RS23:** determine Watt maximum for each mode of operation as stipulated in IFU of ESU device manufacturer (maximum current output at 350 mA)

Packaging Standard

for all SKINTACT® Neutral Electrodes for Children and Neonates
1 / pouch • 50 / box

Split Universal Neutral Electrodes with Fabric or Foam Backing



WR21



RO21

Code	Qty./Pouch	Backing	Conductive Area	Weight Limit	with 3m Cable*
WR21	1	fabric	90 cm ²	> 5 kg (11 lbs)	WR21A30
RO21	1	foam	107 cm ²	> 5 kg (11 lbs)	RO21A30
WR21 /5	5	fabric	90 cm ²	> 5 kg (11 lbs)	
RO21 /5	5	foam	107 cm ²	> 5 kg (11 lbs)	

*On request we also offer Neutral Electrodes for specific types with 5m cable.

Unsplit Neutral Electrodes for Adults



RS05



WR01

Code	Qty./Pouch	Size	Conductive Area	Weight Limit	with 3m Cable
RS05	1	adult	134 cm ²	> 15 kg (33 lbs)	
WR01	1	universal	102 cm ²	> 5 kg (11 lbs)	WR01B30
RS05 /5	5	adult	134 cm ²	> 15 kg (33 lbs)	
WR01 /5	5	universal	102 cm ²	> 5 kg (11 lbs)	

All SKINTACT® Cool Contact Electrosurgical Neutral Electrodes fully comply with all applicable clauses of EN 60601-2-2.

Product limitation for unsplit adult and universal neutral electrodes:

According to IEC 60601-2-2:2017, only split neutral electrodes must be used for conventional procedures on adult patients (weighing more than 15 kg).

Packaging Standard

for all SKINTACT® Adult and Universal Neutral Electrodes
1 or 5 / pouch • 50 / box







SKINTACT® Cool Contact

Pencils & Tip Cleaner

Key Features:

- » Single use eliminates risk of cross infection
- » Sterile, easy to open packaging
- » More cost effective than cleaning reusable versions

Symbol Picture	Code	Features
	HCP-01	Sterile Fingerswitch Pencil, cable length 3 m, standard blade Connector: 3 Pins at 4 mm each Quantity per box: 50 pcs
	HCP-02	Sterile Fingerswitch Pencil, cable length 3 m, standard blade Connector: 1 Pin at 5 mm Quantity per box: 50 pcs.
	HCP-05	Sterile Fingerswitch Pencil, cable length 5 m, standard blade Connector: 3 Pins at 4 mm each Quantity per box: 50 pcs.
	TC 1001	Sterile Tip Cleaner Quantity per box: 100 pcs.




SKINTACT® Cool Contact

Reusable Cables

SKINTACT® Cool Contact Reusable Neutral Electrode Cable with embossed lot number for easy tracking.



Reusable Cabels

Symbol Picture	Code	Connector	Cable
	NEK300A NEK500A	REM™ (Valleylab™)	3m 5m
	NEK300H NEK500H	6,3 mm jack (Erbe)	3m 5m
	NEK300D NEK500D	6,3 mm jack (Standard)	3m 5m

QUICK OVERVIEW

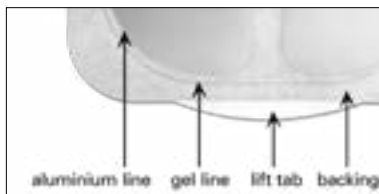
The **round leading edge geometry** of Universal Neutral Electrodes disperses current more efficiently thus maintaining a cooler interface between patient and neutral electrode.

Non adhesive lift tab facilitates removal from protective cover and patient after procedure with minimal skin trauma.

Shelf Life:

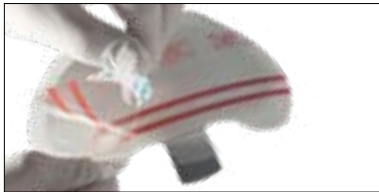
typically 36 months

for neonatal neutral electrodes 24 months



Overlapping Gel:

This unique technology minimises the risk of burns because of elimination of aluminium edge exposure.



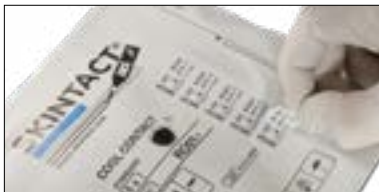
Quick'n'Easy:

Where applicable shoulder tab enables theatre staff to easily lift the neutral electrode off its protective liner without damaging gel or creasing aluminium.



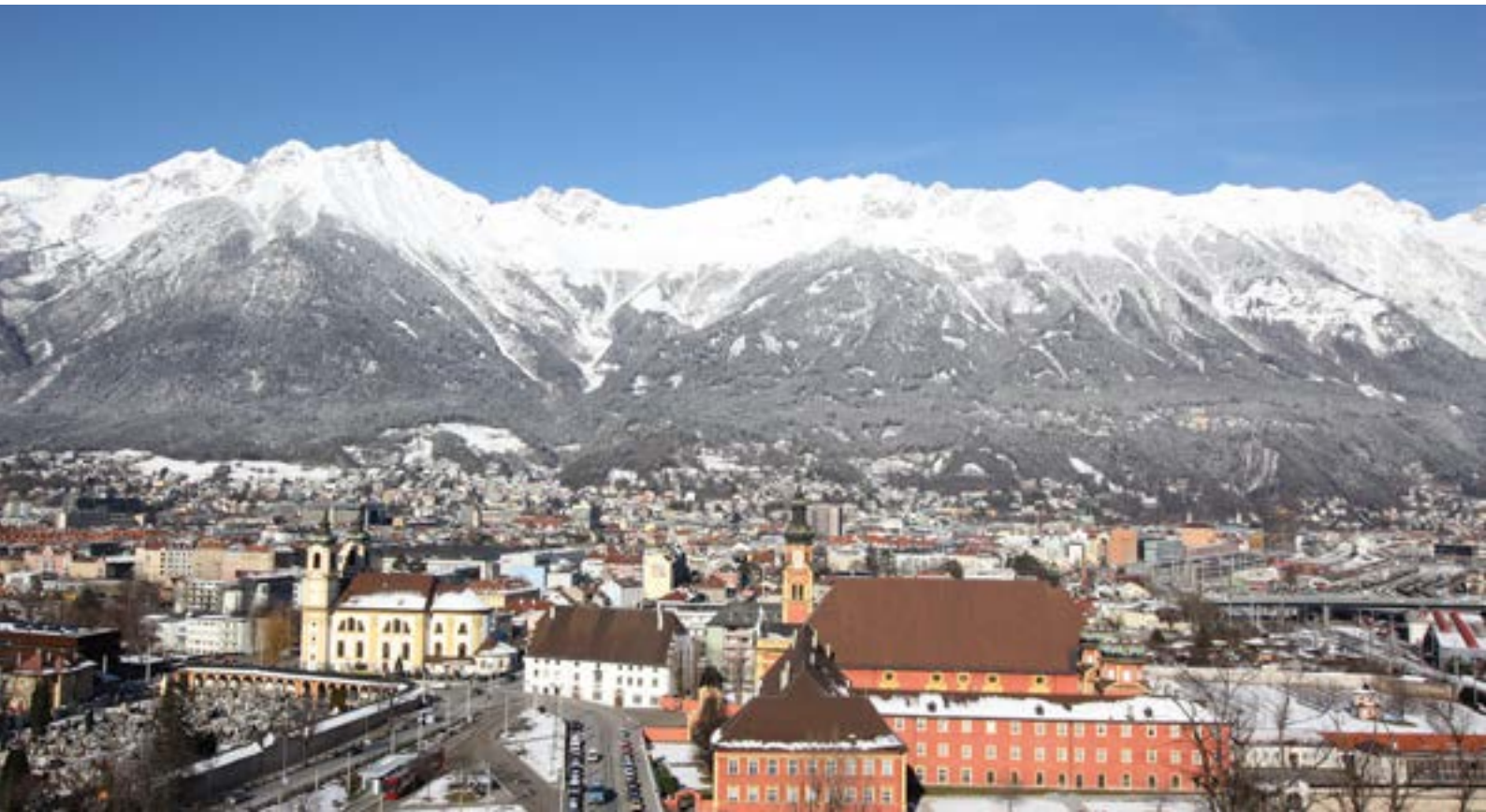
Waterproof Backing Materials:

Flexible low profile foam used in RS and RO series and low profile fabric backing for WR series are impermeable to liquids and provide excellent security.



Easy Tracking:

Duplex labels on each pouch facilitate documentation workflow.



LEONHARD LANG

From our global headquarters nestled in the Austrian Alps we are building on more than a century of quality-focused production and service. At the same time, we are meeting tomorrow's challenges with often patented advances in product design, kept at the cutting edge by technology and user-driven research and development.

We develop, manufacture and globally distribute electrode systems and accessories for ECG, electrosurgery, defibrillation, and stimulation as well as gels.

To justify your trust our quality management system is certified according to ISO 13485. We also operate an environmental management system certified to ISO 14001.



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