



SKINTACT® ESU

NEUTRAL ELECTRODES & ACCESSORIES FOR ELECTROSURGERY

Raising the Standards

Maximising the full potential of advanced electro-surgical 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 Electro-surgical Neutral Electrodes and Pencils provide the highest degree of safety.



SKINTACT® Cool Contact Electro-surgical 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.



Electrosurgical Neutral Electrodes for Adults



RS05

RS25

RS27

Code	Type	Size	Conductive Area	Weight Limit	with 3m Cable*
RS05	unsplit	adult	134 cm ²	> 15 kg (33 lbs)	RS05B30
RS25	split	adult	118 cm ²	> 15 kg (33 lbs)	RS25A30
RS27	split	adult	120 cm ²	> 15 kg (33 lbs)	RS27A30

Packaging Standard

for all SKINTACT® Neutral Electrodes for Adults
1 or 5 / pouch • 50 / box

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

Universal Neutral Electrodes with Fabric or Foam Backing



WR01



WR21



RO01



RO21

Code	Type	Backing	Conductive Area	Weight Limit	with 3m Cable*
WR01	unsplit	fabric	102 cm ²	> 5 kg (11 lbs)	WR01B30
WR21	split	fabric	90 cm ²	> 5 kg (11 lbs)	WR21A30
RO01	unsplit	foam	118 cm ²	> 5 kg (11 lbs)	RO01B30
RO21	split	foam	107 cm ²	> 5 kg (11 lbs)	RO21A30

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

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

Packaging Standard

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

SKINTACT® Cool Contact Pencils & Tip Cleaner

Key Features:

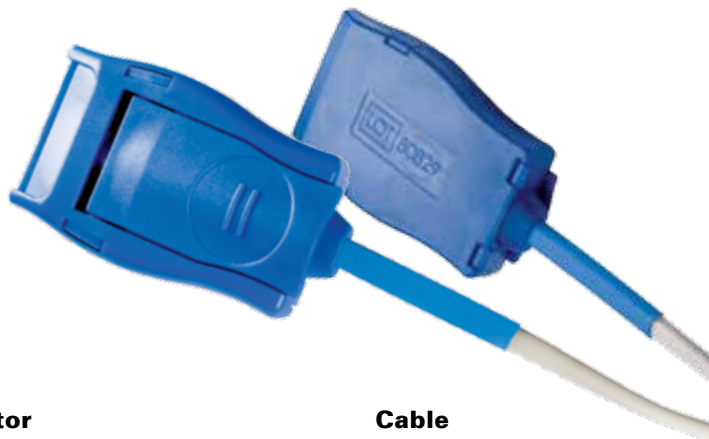
- » Single use eliminates risk of cross infection
- » Sterile, easy to open packaging
- » More cost effective than cleaning reusable versions

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 and Adaptors



SKINTACT® Cool Contact Reusable Dispersive Cable with embossed lot number for easy tracking (types REM™ and NON-REM™)



Reusable Cabels

Symbol Picture	Code	Connector	Cable
	NEK300A NEK500A	REM™ (Valleylab™)	3m 5m
	NEK300B NEK500B	Non-REM™ (Valleylab™)	3m 5m
	NEK300H NEK500H	6,3 mm jack (Erbe)	3m 5m
	NEK300D NEK500D	6,3 mm jack (Standard)	3m 5m
	NEK500E	4 mm Pin	5m
	NEK300G	2 Pin adjustable (Eschmann)	3m

Adaptors

Symbol Picture	Order Code	Description
	NEKA-AD	Adaptor A/B-D (Standard)
	NEKA-AH	Adaptor A-H (Erbe)

QUICK OVERVIEW

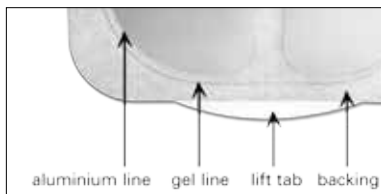
The **round leading edge geometry** of Universal Neutral Electrodes disperses current more efficiently thus maintaining a cooler interface between patient and neutral electrode.

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

Shelf Life:

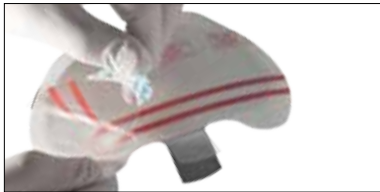
typically 36 months

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 and fixations.

To justify your trust our quality management system is certified according to ISO 9001 and ISO 13485 and for some product lines to Annex II of the European Medical Device Directive. We also operate an environmental management system certified to ISO 14001.



Leonhard Lang GmbH

Archenweg 56
6020 Innsbruck, Austria
www.LeonhardLang.at

Tel. +43-512-33 42 57, Fax 39 22 10
medical@leonhardlang.at

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