

# **PRODUCT INFORMATION**

intermittent pneumatic compression alternating pressure systems foam and hybrid systems for decubitus prophylaxis and -therapy

www.slk-gmbh.de



# #workgreen

guiding principle on sustainability

SLK Medical Technology GmbH uses over 80 % self-produced green electricity from pure solar energy for production, chemothermal processing, service and remaining energy requirements. This solar energy is provided thanks to a 150 kWh solar power system. All work processes are optimized for maximum efficiency to use solar energy. Thus, the company is already making a significant contribution to the energy transition and climate protection.

The entire company has already been switched to green electricity since 2019. SLK is now consistently taking the next step and, using regenerative solar energy, is introducing the conversion of the Vehicle fleet to hybrid and e-mobility. Ten e-vehicles are currently available. The charging capacity has been expanded from two to seven e-charging stations with fourteen charging points.

# 80% GREEN POWER from pure SUN ENERGY

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#### The name SLK stands for quality "Made in Germany".

Service and customer satisfaction are our top priorities.



#### Who We Are

SLK is a German important developer and manufacturer of medical products and rehabilitation appliances. Our portfolio includes a large range of products for compression therapy, medical aids against decubitus, patients hoists and equipment for bariatric patients.

### Our Goal

Developing our products, we attach great importance to balancing therapeutic efficacy, user friendliness and economic efficiency. Especially with regards to medical devices a fast delivery and extensive service are important factors, crucial for therapeutic success. Therefore, our devices are standardly shipped on the day of the purchase order. In special cases our nationwide field service supports retail partners on the spot and with the patient.

### **Product Range**

For years our product range has been perfected in cooperation with physicians, nursing staff and retail partners and was tailored to the patient's needs. The results are therapeutically highly effective positionand compression systems as well as patient hoists suitable for hospitals, care facilities and Homecare. The systems feature high quality and extra durable materials.

Please do not hesitate to contact us if you have questions about our products.

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### Intermittent Pneumatic **Compression**



### Intermittent Pneumatic Compression

The use of Intermittent Pneumatic Compression (IPC) is an essential component of today's treatment of lymphatic and circulatory disorders. An electronically controlled blower ventilates the chambers of the garments which encompass the limbs or other swollen body parts. The pressure and the duration of therapy can be exactly adjusted to the patients needs and indications. Due to the convincing treatment success, the Varilymph 12 Pro sets new standards in the field of Apparative Decongestive Therapy.



# RILYMPH 12 PRO JR OWN DEVELOPMENT"

# #workgreen

### **Intermittent Pneumatic Compression**

### indications

- lymphatic edema
- lipedema
- venous edema
- mixed forms edema
- ulcus cruris
- post-thrombothic syndrome
- post-traumatic / postoperative edema
- sensory disturbance caused by hemiplegia
- thromboembolic prophylaxis
- diabetic foot defect

(as part of a complex treatment concept)

peripheral arterial closure disease

(as part of a complex treatment concept)

#### contra-indications

- decompensated cardiac insufficiency
- erysipelas
- occlusive processes in the sector of lymphatic drainage
- extensive thrombophlebitis, thrombosis
  - or suspected thrombosis
- pulmonary edema
- recent myocardial infarct
- severe unstabilised hypertension

#### relative contra-indications

- extended, open soft-part-trauma of extremities
- severe neuropathy of the extremities
- blistering dermatoses

### operating principle

#### Intermittent Pneumatic Compression

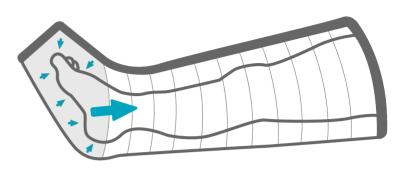
At the beginning of the therapy the 12 empty chambers of the garment will be successively filled with air (shown with the blue marking).

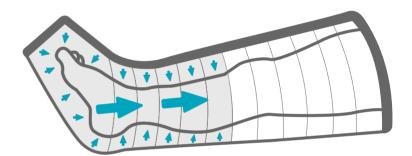
The duration of inflation depends, besides the selected time, on the anatomy of the patient. During the therapy the chambers are filled one after another.

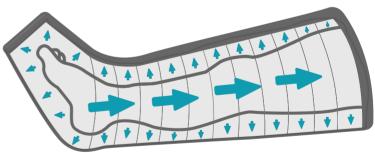
This process transports tissue fluid in proximal direction (blue arrow) to reduce the edema.

The pressure, which should be set by the attending doctor, can be adjusted exactly to patient needs and the present indication.

When all chambers are inflated the garment will begin to deflate regarding the time which is set for the therapy. After a short break the cycle will start again.







# effective & gentle

### **Treatment Garments**

### the right way to use treatment garments

For the success of every compression therapy, the use of appropriate treatment garments is crucial.

#### the right garment

- must be adjusted to the leg and arm circumference
- must be sufficiently long
- for lymphedema and lipedema treatment (including the complete leg respectively above the iliac crest) the pelvis must be completly covered.

For a perfect fit, the garments are individually customizable. Garments: compression trousers, leg garments, arm-shoulder garments, compression jackets can be adjusted with expanders.

#### compression trouser

with adjustable part for the feet

normal	article-ID 4031
short	article-ID 4029

with flexible foot part / waist size: 140 cm (55")

#### expander for compression trouser

normal	article-ID 4034
short	article-ID 4040
foot part	article-ID 4038



#### leg garment

normal	article-ID 4030
short	article-ID 4037
wide	article-ID 4035

#### expander for leg garment

normal	article-ID 4033
short	article-ID 4039



### **Treatment Garments**

#### arm-shoulder garment

normal article-ID 4043

#### compression jacket universal

universal size

article-ID 3083

#### half compression jacket universal

halfjacket right	article-ID 3086				
halfjacket left	article-ID 3087				

• matching closure part is included!

#### closure part for half compression jacket

closure part for halfjacket right	article-ID 3088		
closure part for halfjacket left	article-ID 3089		

#### strap connector for half compression jacket

compression jacket (complete)

article-ID 3085

#### expander for compression jacket

arm	article-ID 4070
back	article-ID 4071







# SLK Varilymph 12 Pro®

digital intermittent compression therapy



#### details

- 12-chamber line-powered digital compression therapy device
- large multi-information-display
- easy to use: self-explaining handling
- high-performance compressor for quick inflation
- extra easy handling through plugs that can't be interchanged for all tube connections
- quick and safe deflation
- large garment range
- ventilated expanders available

#### scope of delivery

- SLK Varilymph 12 Pro<sup>®</sup> compression therapy device
- power cable
- hard-wearing connecting hose

#### medical aid number: 17.99.01.1018 article-ID 4000

### technical specifications / measurements

- pressure range from 0,59 to 3,15 inHg, (15 to 80 mmHg)
- therapy duration from 15 to 60 min.
- deflation from 10 to 120 sec.
- inflation from 20 to 120 sec.
- dimensions control unit:
  6.7" x 7.9" x 7.9", (17 x 20 x 20 cm)
- max. pressure: 80 mmHg
- max. power consumption: 20 Watt
- control unit: 230 V / 50 Hz
- weight: 4.4 lbs (2,0 kg)

### **SLK IPC 3**

3-chamber compression therapy device





connectors



IPC 3 leg garments (short/normal) Extension kit on request!

#### details

- for intermittent compression therapy
- SLK 3-chamber leg garments
- high-performance compressor for quick inflation
- automatically low pressure
- extra easy handling through plugs that can't be interchanged for all tube connections

### technical specifications / measures

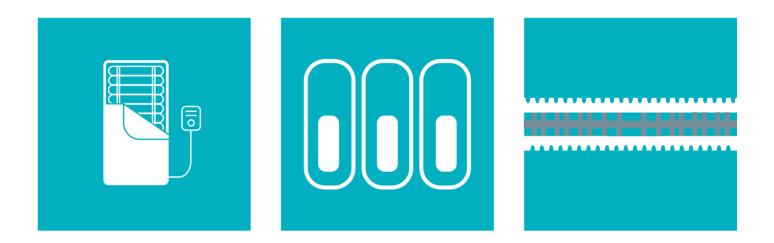
- pressure range from (20 to 60 mmHg)
- therapy duration from 15 to 60 min.
- cycle breaks: 20 bis 45 sec.
- each cycle started is completed completely
- dimensions: 6.5" x 11.4" x 5", (16,5 x 29 x 12,5 cm)
- max. pressure: 60 mmHg
- max. power consumption: 15 Watt
- control unit: 230 V / 50 Hz
- weight: 4.0 lbs (1,8 kg)

#### scope of delivery

- SLK IPC 3 control unit including cover cap
- 1 x instruction manual

## "MADE IN GERMANY" INTERMITTENT PNEUMATIC COMPRESSION

### alternating pressure systems medical foam and hybrid systems **for decubitus prophylaxis and therapy**



### DIGITAL alternating pressure systems

digital control unit



#### details digital control unit

- simple adjustment of the patients weight with the arrow keys (19 settings)
- autofirm function which fills all cells to their maximum with automatic reset to previous mode after 20 minutes
- static function which fills all cells evenly for soft or hard bedding
- seating function to avoid sinking of the patient during upper body elevation
- keylock function which actives automatically after 5 minutes
- acoustic and visible alarm in case of pressure and power failure

### technical specifications

SLK II

further informations on page **20** 

- SLK III
  further informations on page 21
- SLK IV
  further informations on page 22
- SLK IV XXL

further informations on page **27** 

- SLK Pain & Therapy
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- SLK KiddyCare
  further informations on page 24

# **SLK ECO 1+2**

alternating pressure system for decubitus prophylaxis and therapy



SLK Care-Tex<sup>™</sup> cover

#### details

- patient weight: 30 140 kg (66 308 lbs)
- according to EPUAP decubitus stage: 1 to 2
- at low to medium risk
- mattress overlay system
- 17 modular air cells made of high-quality nylon / PVC with 5 laser-perforated ventilation cells
- secure connection of air supply hose and control unit by connectors
- separately exchangeable cells
- integrated static- and alternating pressure mode
- acoustic and visible alarm in case of pressure and power failure
- SLK Care-Tex<sup>TM</sup> cover is breathable to reduce friction and shear forces
- resistant to damage caused by disinfectants
- liquid repellent cover
- cover is washable up to 60 °C
- quick deflation through CPR-function in case of cardiopulmonary resuscitation
- optional: SLK Frame in standard size (see p. 30)

#### scope of delivery

■ Eco 1+2 mattress incl. control unit and SLK Care-Tex<sup>™</sup> cover

#### medical aid number: 11.29.04.1018 article-ID 1781 (90 x 200 cm / 35.4" x 78.7")

#### technical specifications / dimensions

- dimensions control unit: 15 x 30 x 9 cm (H x W x D) (6" x 11.8" x 3.5")
- for bed size: 90 x 200 cm (35.4" x 78.7")
- height: 14 cm (5.5")
- max. power input: 10 W
- control unit: 230 V / 50 Hz
- total weight: 5,7 kg (12.5 lbs)

### **SLK ECO 3+4**

alternating pressure system for decubitus prophylaxis and therapy



#### details

- patient weight: 30 170 kg (66 375 lbs)
- according to EPUAP decubitus stage: 1 to 4
- low to high risk
- mattress replacement system, also usable as an overlay system
- 17 modular air cells made of high-quality nylon / PVC with 9 laser-perforated ventilation cells improves skin climate
- integrated static- and alternating pressure mode
- acoustic and visible alarm in case of pressure and power failure
- secure connection of air supply hose and control unit by connectors
- SLK Soft Care-Tex<sup>™</sup> cover is breathable to reduce friction and shear forces
- resistant to damage caused by disinfectants
- liquid repellent cover
- cover is washable up to 60 °C
- quick deflation through CPR-function in case of cardiopulmonary resuscitation
- optional: SLK Frame in standard size (see p. 30)

#### scope of delivery

- SLK Eco 3+4 mattress incl. control unit and SLK Soft-Care-Tex<sup>™</sup> cover
- incl. foam pocket

#### medical aid number: requested! article-ID 1782 (90 x 200 cm / 35.4" x 78.7")

### technical specifications / dimensions

- dimensions control unit: 15 x 30 x 9 cm (H x W x D) (6" x 11.8" x 3.5")
- for bed size: 90 x 200 cm (35.4" x 78.7")
- height: 14 cm (5.5")
  (without foam)
  19 cm (7.4") (with foam)
- max. power input: 10 W
- control unit: 230 V / 50 Hz
- total weight: 5,7 kg (12.5 lbs)

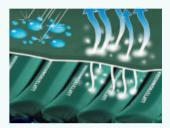
### **SLK I**<sup>®</sup>

alternating pressure system for decubitus prophylaxis and therapy





nylon ventilation air cells



SLK Soft-Care-Tex™ cover

#### details

- patient weight: 40 130 kg (88 285 lbs)
- according to EPUAP decubitus stage: 1 to 2
- low to medium risk
- large-cell mattress overlay system
- 17 modular air cells made of high-quality nylon / PVC with 9 laser-perforated ventilation cells
- integrated static and alternating pressure mode
- visual alarm in case of low pressure
- secure connection of air supply hose and control unit by connectors
- SLK Soft Care-Tex<sup>TM</sup> cover is breathable to reduce friction and shear forces
- resistant to damage caused by disinfectants
- quick deflation through CPR-function in case of cardiopulmonary resuscitation
- optional: SLK Frame in standard size (see p. 30)

#### technical specifications / dimensions

- dimensions control unit: 16,5 x 29 x 12,5 cm (H x W x D) (6.4" x 11.4" x 5")
- for bed size: 90 x 200 cm (35.4" x 78.7")
- height: 14 cm (5.5")
- max. power input: 10 W
- control unit: 230 V / 50 Hz
- total weight: 6 kg (13 lbs)

#### scope of delivery

■ SLK I<sup>®</sup> mattress incl. control unit and SLK Soft-Care-Tex<sup>™</sup> cover

#### medical aid number: 11.29.04.1005 article-ID 1603 (90 x 200 cm / 35.4" x 78.7")

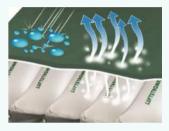
### SLK II®

alternating pressure system for decubitus prophylaxis and therapy





polyurethane ventilation air cells



SLK Soft-Care-Tex™ cover

#### details

- patient weight: 40 135 kg (88 300 lbs)
- according to EPUAP decubitus stage: 1 to 3
- low to high risk
- large-cell mattress overlay system
- 17 modular air cells made of high-quality polyurethane with 9 laser-perforated ventilation cells
- integrated static and alternating pressure mode
- Micro-Chip-Control (MCS) for cell pressure monitoring
- visual alarm in case of low pressure
- secure connection of air supply hose and control unit by connectors
- SLK Soft Care-Tex<sup>™</sup> cover is breathable to reduce friction and shear forces
- resistant to damage caused by disinfectants
- quick deflation through CPR-function in case of cardiopulmonary resuscitation
- optional: SLK Frame in standard size (see p. 30)
- with optional digital control unit (see p. 16)

#### scope of delivery

■ SLK II<sup>®</sup> mattress incl. control unit and SLK Soft-Care-Tex<sup>™</sup> cover

#### technical specifications / dimensions

- dimensions control unit: 25 x 30 x 13 cm (H x W x D) (9.8" x 11.8" x 5")
- for bed size: 90 x 200 cm (35.4" x 78.7"), 90 x 220 cm (35.4" x 86.6")
- height: 14 cm (5.5")
- max. power input: 20 W
- control unit: 230 V / 50 Hz
- total weight: 8 kg (17 lbs)

medical aid number: 11.29.04.1007

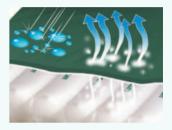
# SLK III®

### alternating pressure system for decubitus prophylaxis and therapy





Cell-in-Cell-system



SLK Soft-Care-Tex™ cover

#### details

- patient weight: 40 195 kg (88 430 lbs)
- according to EPUAP decubitus stage: 1 to 3
- low to high risk
- high-cell mattress replacement system
- 20 modular air cells made of high-quality polyurethane with 9 laser-perforated ventilation cells
- Cell-in-Cell-system
- integrated static and alternating pressure mode
- Micro-Chip-Control (MCS) for cell pressure monitoring
- visual alarm in case of low pressure
- secure connection of air supply hose and control unit by connectors
- SLK Soft Care-Tex<sup>™</sup> cover is breathable to reduce friction and shear forces
- resistant to damage caused by disinfectants
- quick deflation through CPR-function in case of cardiopulmonary resuscitation
- with optional digital control unit (see p. 16)

#### scope of delivery

- SLK III<sup>®</sup> mattress incl. control unit and SLK Soft-Care-Tex<sup>™</sup> cover
- zippable transport bag with carrying straps made from durable nylon

#### technical specifications / dimensions

- dimensions control unit: 25 x 30 x 13 cm (H x W x D) (9.8" x 11.8" x 5")
- for bed size: 90 x 200 cm (35.4" x 78.7"), 90 x 220 cm (35.4" x 86.6")
- height: 21 cm (8.3")
- max. power input: 20 W
- control unit: 230 V / 50 Hz
- total weight: 15 kg (33 lbs)

he colors shown here may differ from the original colors!

#### medical aid number: 11.29.08.1009

article-ID 1702 (90 x 200 cm / 35.4" x 78.7"), 1706 (90 x 220 cm / 35.4" x 86.6")

# SLK IV<sup>®</sup> pulsation system for decubitus prophylaxis and therapy





Cell-in-Cell-system



integrated pillow bag (special compartment for additional cells)

technical specifications /

dimensions control unit:

■ for bed size: 90 x 200 cm

(9.8" x 11.8" x 5")

(35.4" x 86.6")

■ height: 26 cm (10.2")

■ max. power input: 20 W

■ control unit: 230 V / 50 Hz

■ total weight: 18 kg (39 lbs)

25 x 30 x 13 cm (H x W x D)

(35.4" x 78.7"), 90 x 220 cm

dimensions

#### details

- patient weight: 40 250 kg (88 550 lbs)
- according to EPUAP decubitus stage: 1 to 4
- low to high risk
- high-cell mattress replacement system
- 20 modular air cells made of high-quality polyurethane with 9 laser-perforated ventilation cells
- Cell-in-Cell-system
- integrated static and alternating pressure mode
- Sensor-Chip-Control (SCS) for automatic pressure adjustment
- visual alarm in case of low pressure
- secure connection of air supply hose and control unit by connectors
- SLK Soft Care-Tex<sup>™</sup> cover is breathable to reduce friction and shear forces
- resistant to damage caused by disinfectants
- quick deflation through CPR-function in case of cardiopulmonary resuscitation
- with optional digital control unit (see p. 16)

#### scope of delivery

- SLK IV<sup>®</sup> mattress incl. control unit and SLK Soft-Care-Tex<sup>™</sup> cover
- zippable transport bag with carrying straps made from durable nylon
- two special positioning cushions are included which allow an optimal adjustment to the patient's bedding needs

#### medical aid number: 11.29.08.3004

article-ID 1703 (90 x 200 cm / 35.4" x 78.7"), 1751 (90 x 220 cm / 35.4" x 86.6")

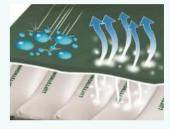
# SLK Pain&Therapy®

pulsation system for decubitus and pain therapy





polyurethane ventilation air cells



SLK Soft-Care-Tex™ cover

#### details

- patient weight: 30 135 kg (66 285 lbs)
- according to EPUAP decubitus stage: 1 to 4
- low to high risk
- large-cell mattress replacement system, also usable as an overlay system
- 17 modular air cells made of high-quality polyurethane with 9 laser-perforated ventilation cells
- integrated static and alternating pressure mode
- Sensor-Chip-Control (SCS) for automatic pressure adjustment
- visual alarm in case of low pressure
- secure connection of air supply hose and control unit by connectors
- SLK Soft Care-Tex<sup>™</sup> cover is breathable to reduce friction and shear forces
- resistant to damage caused by disinfectants
- quick deflation through CPR-function in case of cardiopulmonary resuscitation
- optional: SLK Frame in standard size (see p. 30)
- with optional digital control unit (see p. 16)

#### scope of delivery

Foam pad sealed in foil

- SLK Pain&Therapy<sup>®</sup> mattress incl. control unit and SLK Soft-Care-Tex<sup>™</sup> cover
- zippable transport bag with carrying straps made from durable nylon

### technical specifications / dimensions

- dimensions control unit: 25 x 30 x 13 cm (H x W x D) (9.8" x 11.8" x 5")
- for bed size: 90 x 200 cm (35.4" x 78.7"), 90 x 220 cm (35.4" x 86.6")
- height: 14 cm (5.5") (without foam)
- 19 cm (7.4") (with foam)
- max. power input: 20 W
- control unit: 230 V / 50 Hz
- total weight: 16 kg (35 lbs)

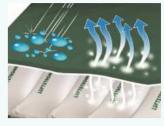
medical aid number: 11.29.08.3005 article-ID 1704 (90 x 200 cm / 35.4" x 78.7"), 1779 (90 x 220 cm / 35.4" x 86.6")

he colors shown here may differ from the original colors!

# SLK KiddyCare Digital®

pulsation system for children for decubitus and pain therapy





SLK Soft-Care-Tex™ cover



Cell-on-Cell-system

#### details

- patient weight: 3 75 kg (6 165 lbs)
- according to EPUAP decubitus stage: 1 to 4
- low to high risk
- mattress replacement system for children
- 36 modular air cells made of high-quality polyurethane with 8 laser-perforated ventilation cells
- Cell-on-Cell-system
- integrated static and pulsation mode
- Sensor-Chip-Control (SCS) for automatic pressure adjustment
- visual alarm in case of low pressure
- autofirm function which fills all cells to their maximum with automatic set back to previous mode after 20 minutes
- keylock function which actives automatically after 5 minutes
- seating function to avoid sinking of the patient during upper body elevation
- secure connection of air supply hose and control unit by connectors
- SLK Soft Care-Tex<sup>™</sup> cover is breathable to reduce friction and shear forces
- resistant to damage caused by disinfectants
- optional: SLK Frame in special sizes (see p. 30)

#### scope of delivery

- SLK KiddyCare Digital<sup>®</sup> mattress incl. control unit and SLK Soft-Care-Tex<sup>™</sup> cover
- zippable transport bag with carrying straps made from durable nylon

medical aid number: 11.11.04.2096 article-ID 1705 (70 x 140 cm / 27.6" x 55")

#### technical specifications / dimensions

- dimensions control unit: 25 x 30 x 13 cm (H x W x D) (9.8" x 11.8" x 5")
- for bed size: 70 x 140 cm (27.6" x 55")
- height: 17 cm (6.7")
- max. power input: 20 W
- control unit: 230 V / 50 Hz
- total weight: 10 kg (22 lbs)

# Sedens 500

alternating pressure seat cushion for decubitus prophylaxis and therapy





foam frame/air cells



Bi-stretch-cover

#### details

- max. patient weight: 120 kg (265 lbs)
- according to EPUAP decubitus stage: 1 to 4
- battery-powered alternating pressure seat cuschion with viscoelastic reinforced edge
- rechargeable lithium-ion battery, which is available at full load allows an operating time of 12 hours
- selectable alternating pressure intervals
- static mode for soft positioning
- visible and acoustic alarm for more safety
- transport bag allows easy fixation to seat or wheelchair
- for patients who are primearly in a sitting position
- Flame retardant cover, tested EN 597-1 & EN 597-2

### technical specifications / dimensions

- dimensions control unit: 12,5 x 25 x 5,7 cm (H x W x D) (5" x 9.8" x 2.2")
- for seat cushion size:
  10 x 43 x 43 cm (H x W x D)
  (3.9" x 17" x 17")
- battery: 6 V Ni-MH / 2000 mAh
- total weight: 2,0 kg (4,4 lbs)

#### scope of delivery

- Sedens 500 seat cushion incl. nylon-polyurethane-coated Bi-stretch-cover
- one programmable control unit incl. battery
- transport bag for the control unit
- one battery charger

# #workgreen

#### article-ID 2231 (43 x 43 cm)

### summary

### of the anti-decubitus systems

	SLK ECO 1+2	SLK I	SLK II	SLK III	SLK IV	SLK Pain&Therapy K	SLK (iddyCare Digital	SLK IV XXL
up to decubitus stage (EPUAP)	2	2	3	3	4	4	4	4
decubitus risk	low / moderate	low / moderate	moderate / elevated	moderate / elevated	high	high	high	high
patients weight	30-140 kg	40-130 kg	40-135 kg	40-195 kg	40-250 kg	30-135 kg	3-75 kg	80-400 kg
static function	+	+	+	+	+	+	+	+
pulsation	-	-	-	-	+	+	+	+
Cell-in-Cell-system	-	-	-	+	+	-	-	+*1
special positioning cushions	-	-	-	-	+	-	-	+
SLK Soft-Care-Tex™ cover	-	+	+	+	+	+	+	+*2
transport bag	-	-	-	+	+	+	+	+
mattress overlay system	+	+	+	-	-	-/+ <sup>*3</sup>	-	-
mattress replacement system	-	-	-	+	+	-/+*3	+	+
CPR fuction	+	+	+	+	+	+	+	+
Sensor-Chip-Control (SCS®)	-	-	-	-	+	+	+	+
Micro-Chip-Control (MCS)	-	-	+	+	-	-	-	-
VDE ground bond test point	-	+	+	+	+	+	+	+
EPR main cable	-	+	+	+	+	+	+	+
medical aid number	11.29.04.1018	11.29.04.1005	11.29.04.1007	11.29.08.1009	11.29.08.3004	11.29.08.3005	11.11.04.2096	

\* I SLK IV XXL 90 wide: Cell-in-Cell-system / 120 wide: Cell-on-Cell-system

- \* 2 SLK IV XXL 90 wide: SLK Soft-Care-Tex<sup>™</sup> cover / 120 wide: SLK polyurethane-coated Bi-stretch-cover
- \* 3 The SLK Pain&Therapy is supplied as a mattress replacement system as standard, but can also be used as a support system by removing the foam core.

# **SLK IV XXL**

pulsation system especially for bariatric care for decubitus and pain therapy





Cell-in-Cell-system



anti-slip pad

#### details

- patient weight: 80 400 kg (176 880 lbs)
- according to EPUAP decubitus stage: 1 to 4
- low to high risk
- mattress replacement system for decubitus prophylaxis and -therapy
- 20 modular air cells made of high-quality polyurethane with 9 laser-perforated ventilation cells
- Cell-in-Cell-system
- integrated static and pulsation mode
- Sensor-Chip-Control (SCS) for automatic pressure adjustment
- integrated static and pulsation mode
- visual alarm in case of low pressure
- secure connection of air supply hose and control unit by connectors
- SLK Soft Care-Tex<sup>™</sup> cover is breathable to reduce friction and shear forces
- resistant to damage caused by disinfectants
- quick deflation through CPR-function in case of cardiopulmonary resuscitation
- anti-slip pads
- optional: SLK Frame in standard size (see p. 30)
- with optional digital control unit (see p. 16)

#### scope of delivery

- SLK IV XXL system incl. control unit and SLK Soft-Care-Tex<sup>™</sup> cover
- zippable transport bag with carrying straps made from durable nylon

#### technical specifications / dimensions

- dimensions control unit: 25 x 30 x 13 cm (H x W x D) (9.8" x 11.8" x 5")
- for bed size: 90 x 200 cm (35.4" x 78.7")
- height: 26 cm (10.2")
- max. power input: 20 W
- control unit: 230 V / 50 Hz
- total weight: 18 kg (39 lbs)

#### article-ID 1882 (90 x 200 cm / 35.4" x 78.7")

The colors shown here may differ from the original colors!

# **SLK IV XXL**

pulsation system especially for bariatric care for decubitus and pain therapy





9 airflow cells



anti-slip pad

#### details

- patient weight: 80 400 kg (176 880 lbs)
- according to EPUAP decubitus stage: 1 to 4
- low to high risk
- mattress replacement system for decubitus prophylaxis and -therapy
- 20 modular air cells made of high-quality polyurethane with 9 laser-perforated ventilation cells
- Cell-on-Cell-system
- Sensor-Chip-Control (SCS) for automatic pressure adjustment
- integrated static- and pulsation mode
- washable SLK polyurethane Bi-stretch-cover, liquid-repellent
- quick deflation through CPR-function in case of cardiopulmonary resuscitation
- anti-slip pads
- optional: SLK Frame in standard size (see p. 30)

### technical specifications / dimensions

- dimensions control unit:
  25 x 30 x 13 cm (H x W x D)
  (9.8" x 11.8" x 5")
- for bed size: 120 x 200 cm (47.2" x 78.7")
- height: 26 cm (10.2")
- max. power input: 20 W
- control unit: 230 V / 50 Hz
- total weight: 18 kg (39 lbs)

#### scope of delivery

- SLK IV XXL system incl. control unit and SLK polyurethane-coated Bi-stretch-cover
- zippable transport bag with carrying straps made from durable nylon

#### article-ID 2080 (120 x 200 cm / 47.2" x 78.7")

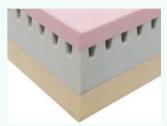
# SLK XXL Foam

high quality HR-foam system for obese patients





excellent microclimate through ventilation channels



optimal pressure relief by profile cuts

#### details

- max. patient weight: 300 kg (660 lbs)
- according to EPUAP decubitus stage: 1 to 3
- low to high risk
- 3-layer foam mattress for the supply of bariatric patients with special air channels for ventilation and pressure distribution
- reduction of the pressure at all endangered body zones
- optimal pressure distribution and unique sink-in behavior through special channel structures
- excellent skin microclima
- maximum comfort in every lying position due to visco-top foam
- washable SLK polyurethane Bi-stretch-cover, liquid-repellent
- cover fire resistant conform to CRIB 5 standard
- cover and foam tested according to OEKO-TEX standard 100, foam produced chlorofluorocarbon-free

#### technical specifications / dimensions

- for bed size:
- 90 x 200 cm (35.4" x 78.7"), 100 x 200 cm (39.3" x 78.7"), 120 x 200 cm (47.2" x 78.7") special dimensions available
- height: 22 cm (8.6")
- SLK polyurethane Bi-stretch-cover liquid-repellent, washable up to 60° (140 °F)
- foam: 3-layers-foam
- density: 50 kg / m³ (3.1 lbs)

#### scope of delivery

SLK XXL Foam incl. SLK polyurethane-coated Bi-stretch-cover with liquid-repellent zipper

The colors shown here may differ from the original colors!

### **SLK Frame**

foam frame for anti-decubitus mattress





or example: SLK frame used with the SLK IV XXL system

#### details

- especially for use in bariatric supply
- foam frame for alternating pressure systems
- frame base 5 cm (2") with side, head and foot parts made of foam
- quick adaptation to existing bed systems in all sizes
- replaces costly custom-made products
- washable SLK polyurethane Bi-stretch-cover, liquid-repellent
- cover fire resistant conform to CRIB 5 standard
- cover tested according to OEKO-TEX standard 100, foam produced chlorofluorocarbon-free

### technical specifications / dimensions

- standard inside dimension: 15 x 90 x 200 cm (6" x 35.4" x 78.7")
- standard outside dimension: 20 x 100 x 200 cm (7.9" x 39.3" x 78.7")
- special dimensions for most bed frames
- removable SLK polyurethane Bi-stretch-cover with zipper, washable up to 60° (140 °F)

#### scope of delivery

SLK Frame incl. SLK polyurethane-coated Bi-stretch-cover with liquid-repellent zipper

#### article-ID 10026 (100 x 200 cm / 39.3" x 78.7"), 10033 (special dimensions)

# **SLK GreenCare**

non-energetic hybrid system for decubitus prophylaxis and therapy



#### details

- patient weight: 20 195 kg (44 430 lbs)
- according to EPUAP decubitus stage: 1 to 4
- low to high risk
- decubitus prophylaxis and -therapy taking into account other influences
- automatic valve regulation (AVR)
- significant reduction of contact pressure
- flexibly adapts to the patients movement
- SLK Bi-stretch-cover is breathable to reduce friction and shear forces
- edge support zone makes mobilization easier and helps the patient to get in and out of the bed
- liquid-repellent cover
- individually removable polyurethane cells with integrated foam core
- easy to clean / disinfect
- no energy costs

#### scope of delivery

SLK GreenCare anti-decubitus-system incl. SLK polyurethane-coated Bi-stretch-cover with liquid-repellent zipper

#### medical aid number: 11.29.09.0004 article-ID 2016 (90 x 200 cm / 35.4" x 78.7")

### technical specifications / dimensions

- for bed size:
- 90 x 200 cm (35.4" x 78.7")
- ■height: 18 cm (7")
- SLK polyurethane-coated Bi-stretch-cover,
  - liquid-repellent,
  - washable up to 60° (140 °F)
- chemo thermally reprocessed
- total weight: 14 kg (30.8 lbs)

# **SLK BlueCare**

energetic hybrid system for decubitus prophylaxis and therapy





10 cells with integrated foam core



CPR-function

#### details

- patient weight: 20 180 kg (44 395 lbs)
- according to EPUAP decubitus stage: 1 to 4
- low to high risk
- decubitus prophylaxis and -therapy taking into account other influences
- pressure relief system 3 to 1 alternating pressure
- for use in pain management
- SLK Bi-stretch-cover is breathable to reduce friction and shear forces
- reinforced edges helps the caregiver to mobilize the patient on the edge of the bed
- liquid-repellent cover
- 10 individually removable polyurethane cells with integrated foam core
- easy to clean / disinfect

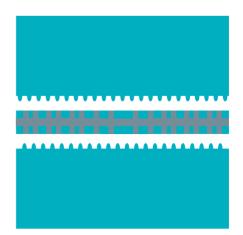
#### technical specifications / dimensions

- dimensions control unit: 16,5 x 29 x 12,5 cm (H x W x D) (6.4" x 11.4" x 5")
- for bed size: 90 x 200 cm (35.4" x 78.7")
- height:
  12 cm (4.7") unventilated
  18 cm (7") ventilated
- SLK nylon-polyurethane-coated Bi-stretch-cover, liquid-repellent, washable up to 60° (140 °F) chemo thermally reprocessed
- total weight: 11 kg (24.3 lbs)

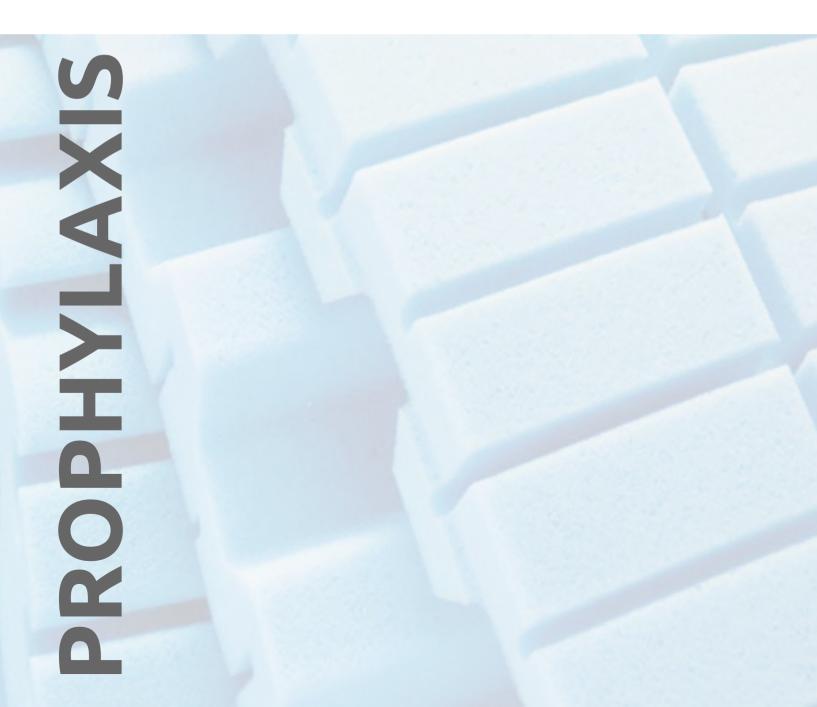
#### scope of delivery

 SLK BlueCare anti-decubitus-system incl. control unit and liquid-repellent SLK nylon-polyurethane-coated Bi-stretch-cover with liquid-repellent zipper

medical aid number: 11.29.09.2002 article-ID 2012 (90 x 200 cm / 35.4" x 78.7")



### medical foam systems for decubitus prophylaxis and therapy

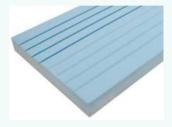


### SLK NeoCare Basic SLK NeoCare II

standard care-bed-mattress

prophylaxis and therapy system





SLK NeoCare II shear force-reducing cuts

#### details SLK NeoCare Basic

- max. patient weight: 120 kg (265 lbs)
- care-bed-mattress

high level of comfort trough high-quality polyurethane-foam

#### details SLK NeoCare II

- max. patient weight: 120 kg (265 lbs)
- according to EPUAP decubitus stage: 1
- at low risk
- ISO 10993-1 biocompatibility test: passed!
- DIN EN 597 Parts 1 and 2: Flame retardant test: passed!
- foam quality cover foam: open-pore cold foam
- 8 incisions in the longitudinal direction (friction and shear forces will be minimized and guaranteed a better ventilation)
- 7 years warranty on production defects

#### scope of delivery SLK NeoCare Basic

SLK NeoCare Basic standard care-bed-mattress

incl. SLK tricot-cover

34

#### scope of delivery SLK NeoCare II

SLK NeoCare II standard care-bed-mattress incl. SLK tricot-cover

#### technical specifications / dimensions SLK NeoCare Basic

- for bed size: 90 x 200 cm (35.4" x 78.7"), 100 x 200 cm (39.3" x 78.7"), further dimensions see pricelist
- height: 12 cm (4.7")
- cover: washable up to 60° (140 °F)
- density: 35 kg / m<sup>3</sup> (77 lbs / ft<sup>3</sup>)

#### SLK NeoCare II

- for bed size: 90 x 200 cm (35.4" x 78.7"), 100 x 200 cm (39.3" x 78.7"), further dimensions see pricelist
- upper layer: 2.5 kPa compression hardness
- undercoat: 2.5 kPa compression hardness
- height: 12 cm (4.7")
- cover: washable up to 60° (140 °F)
- density: 40 kg / m³ (2.5 lbs / ft³)

SLK NeoCare Basic article-ID 10061 (90 x 200 cm / 35.4" x 78.7"), 10066 (100 x 200 cm / 39.3" x 78.7") SLK NeoCare II article-ID 10076 (90 x 200 cm / 35.4" x 78.7"), 10077 (100 x 200 cm / 39.3" x 78.7")

### SLK FoamCare Comfort®

profiled HR-foam-mattress for decubitus prophylaxis and therapy





different hardness zones



pressure-relieving cube structure

#### SLK FoamCare Comfort® 120

- max. patient weight: 130 kg (285 lbs)
- according to EPUAP decubitus stage: 1 to 2
- low to medium risk

#### SLK FoamCare Comfort® 140

- max. patient weight: 160 kg (350 lbs)
- according to EPUAP decubitus stage: 1 to 2
- low to medium risk

#### details

- 5-zones HR-foam (high resilience foam) with contour cuts (head, shoulder, hip, leg and foot area)
- reduction of the pressure at all endangered body zones
- optimal pressure relief through different hardness zones
- maximum comfort in every lying position
- cover fire resistant conform to CRIB 5 standard
- cover and foam tested according to OEKO-TEX standard 100, foam produced chlorofluorocarbon-free

#### scope of delivery

SLK FoamCare Comfort® 120 / 140 anti-decubitus-foam-mattress incl. SLK polyurethane-coated Bi-stretch-cover

with liquid-repellent zipper

#### medical aid number: 11.29.05.1032

SLK FoamCare Comfort<sup>®</sup> 120 article-ID 10014 (90 x 200 cm / 35.4" x 78.7"), 10015 (100 x 200 cm / 39.3" x 78.7") SLK FoamCare Comfort<sup>®</sup> 140 article-ID 10058 (90 x 200 cm / 35.4" x 78.7"), 10065 (100 x 200 cm / 39.3" x 78.7") 35

#### technical specifications / dimensions

- for bed size:
  90 x 200 cm (35.4" x 78.7"),
  100 x 200 cm (39.3" x 78.7")
  further dimensions see pricelist
- height: 12 / 14 cm (4.7" / 5.5") further on request
- SLK Bi-stretch-cover, liquid-repellent, washable up to 60° (140 °F)
- foam: 5-zones
- density: 40 kg / m³ (2,5 lbs / ft³)

# SLK ProfiSoft Comfort®

3-layer comfort-mattress with special air channels for decubitus prophylaxis and therapy



With edge zone reinforcement, it remains stable and gives the patient safety when standing up and prevents unplanned unplanned slipping to the side while lying down.

#### details

- max. patient weight: 180 kg (395 lbs)
- according to EPUAP decubitus stage: 1 to 3
- low to high risk
- 3-layer comfort-mattress with special air channels for ventilation and pressure distribution
- reduction of the pressure at all endangered body zones
- optimal pressure distribution and unique sink-in behavior through special channel structures
- reinforced edges
- excellent skin microclima
- maximum comfort in every lying position
- cover fire resistant conform to CRIB 5 standard
- cover and foam tested according to OEKO-TEX standard 100, foam produced chlorofluorocarbon-free
- In addition: smart and economical set for the extension of our best selling anti-decubitus foam mattress
- extension set: (90 x 20 cm / 35.4" x 7.8")

#### technical specifications / dimensions

- for bed size:
  90 x 200 cm (35.4" x 78.7"),
  100 x 200 cm (39.3" x 78.7")
  further dimensions see pricelist
- height: 15 cm (6") further on request
- SLK Bi-stretch-cover, liquid-repellent, washable up to 60° (140 °F)
- foam: 3-layers-foam
- density: 45 / 50 / 35 kg / m<sup>3</sup> (2.8 / 3.1 / 2.2 lbs / f<sup>3</sup>)

#### scope of delivery

SLK ProfiSoft Comfort<sup>®</sup> 150 anti-decubitus-foam-mattress incl. SLK polyurethane-coated Bi-stretch-cover with liquid-repellent zipper

medical aid number: 11.29.05.1034

article-ID 10016 (90 x 200 cm / 35.4" x 78.7"), 10017 (100 x 200 cm / 39.3" x 78.7") extension set article-ID 10078 90 x 20 cm (35.4" x 7.8")

### SLK ViscoCare Comfort®

viscoelastic foam system for decubitus prophylaxis and therapy



#### details

- max. patient weight: 200 kg (440 lbs)
- according to EPUAP decubitus stage: 1 to 3
- low to high risk
- profiled, viscoelastic foam divided into a 3-zone system
- sink-in behavior with memory-effect
- reduction of the pressure at all endangered body zones
- optimal pressure relief through different hardness zones
- reinforced edges
- maximum comfort in every lying position
- cover fire resistant conform to CRIB 5 standard
- cover and foam tested according to OEKO-TEX standard 100, foam produced chlorofluorocarbon-free

### technical specifications / dimensions

- for bed size:
  90 x 200 cm (35.4" x 78.7"),
  100 x 200 cm (39.3" x 78.7"),
  further dimensions see pricelist
- height: 15 cm (6") further on request
- SLK Bi-stretch-cover, liquid-repellent, washable up to 60° (140 °F)
- foam: nub structure foam
- foam: density: 50 / 40 kg / m<sup>3</sup> (3.1 / 2.5 lbs / ft<sup>3</sup>)

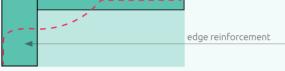
#### scope of delivery

SLK ViscoCare Comfort® 150 anti-decubitus-foam-mattress incl. SLK polyurethane-coated Bi-stretch-cover with liquid-repellent zipper

### **SLK Silver Sleep**

viscoelastic foam mattress with SLK Touch of Silver cover





With edge zone reinforcement, it remains stable and gives the patient safety when standing up and prevents unplanned unplanned slipping to the side while lying down.

#### details

- profiled, viscoelastic foam divided into a 3-zone system
- sink-in behavior with memory-effect
- reduction of the pressure at all endangered body zones
- maximum comfort in every lying position
- SLK Touch of Silver cover has an antimicrobial effect and is recommended for house dust allergy sufferers
- optimally suitable also for nursing beds

#### scope of delivery

SLK Silver Sleep comfort mattress, incl. SLK Touch of Silver cover

nub structure is effective against heat accumulation



SLK Touch of Silver cover

### technical specifications / dimensions

- for bed size:
  90 x 200 cm (35.4" x 78.7"),
  100 x 200 cm (39.3" x 78.7")
  further dimensions see pricelist
- height: 15 cm (6") further on request
- hardness: universal
- SLK Touch of Silver cover, washable up to 60° (140 °F)

The colors shown here may differ from the original colors

article-ID 10079 (90 x 200 cm / 35.4" x 78.7"), 10080 (100 x 200 cm / 39.3" x 78.7"), 10083 (90 x 220 cm/ 35.4" x 87"), 10084 (80 x 200 cm / 31" x 78.7"), 10085 (120 x 200 cm / 47" x 78.7"), 10086 (140 x 200 cm / 55" x 78.7") Special sizes have a delivery time of 6 to 8 weeks!

### **SLK Bi-Stretch-cover**

replacement cover for foam mattresses





liquid-repellent zipper

#### details

- breathable and liquid-repellent
- high-quality polyurethane-coated
- easy to clean / disinfect
- cover is breathable to reduce friction and shear forces

#### scope of delivery

 SLK polyurethane-coated Bi-stretch-cover with liquid-repellent zipper

#### technical specifications / dimensions

- for bed size: 90 x 200 x 12 cm / 35.4" x 78.7" x 4.7", 100 x 200x 12 cm / 39.3" x 78.7"x 4.7",
- 90 x 200 x 15 cm / 35.4" x 78.7" x 6", 100 x 200x 15 cm / 39.3" x 78.7"x 6"
- SLK Bi-stretch-cover, liquid-repellent, washable up to 60° (140 °F)

## **SLK Touch of Silver cover**

replacement cover for foam mattresses



skin friendly structure

ALSO AVAILABLE IN DIFFERENT SIZES

#### details

- SLK Touch of Silver cover has an antimicrobial effect and is recommended for house dust allergy sufferers
- double cover with processed silver cotton fibers
- extra high quality and strong cover
- protects against unwanted microorganisms
- optimal moisture and temperature regulating properties

### technical specifications / dimensions

■ for bed size: 90 x 200 x 12 cm / 35.4" x 78.7" x 4.7", 100 x 200x 12 cm / 39.3" x 78.7"x 4.7",

90 x 200 x 15 cm / 35.4" x 78.7" x 6", 100 x 200x 15 cm / 39.3" x 78.7" x 6"

■ cover washable up to 60° (140 °F)

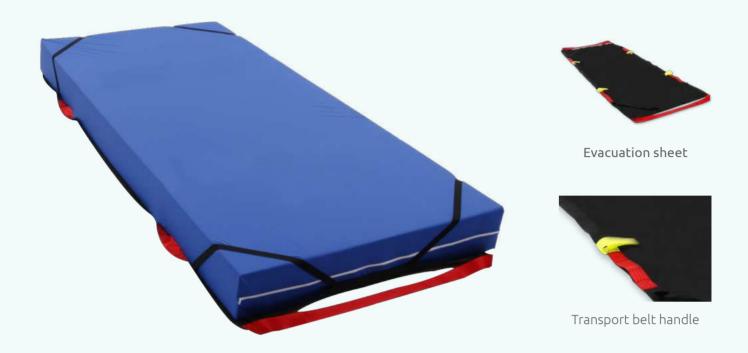
#### scope of delivery

SLK Touch of Silver cover



### **SLK Evacuation sheet**

evacuation cloth for emergency



#### details

- attachment to the mattress with the help of strong elastic bands
- safety belts for restraining patients
- 8 belt handles give necessary flexibility during transport
- back-friendly for the nursing staff
- results in a flexible combination of non-slip cloth and mattress
- fits through any door and staircase
- no need to transfer the patient

#### scope of delivery

SLK Evacuation sheet

#### technical specifications / dimensions

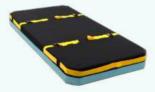
- for bed size: 90 x 200 cm (35.4" x 78.7")
- special size: on request
- PVC coated polyester fabric,

washable up to 60° (140 °F)

### **SLK Evacuation-cover**

cover for evacuation mattresses





bottom mattress cover



adjustable belt fasteners

#### details

- tied to mattress and thus saves time
- due to stable and low-friction bottom of the evacuation cover
- the mattress can be easily pulled over floors
- 8 belt handles give necessary flexibility during transport
- back-friendly for tghe caregiver
- belts give the mattress protective U-shape
- optimal combination of lying comfort with hygienic requirements
- upper mattress cover: high-quality polyurethane-coated
- bottom mattress cover: Nylon fabric, tested according to DIN 4102 B1
- breathable and liquid-repellent
- helps to reduce friction and shear forces
- cover fire resistant conform to CRIB 5 standard

#### technical specifications / dimensions

■ for bed size:

90 x 200 x 15 cm / 35.4" x 78.7" x 6", 100 x 200x 15 cm / 39.3" x 78.7" x 6"

- special size: on request
- ■height: 15 cm (6")

SLK Bi-stretch-cover, liquid-repellent, washable up to 60° (140 °F)

#### scope of delivery

SLK evacuation-cover (SLK Bi-stretch / Nylon-cover)

The colors shown here may differ from the original colors!

article-ID 2126 (90 x 200 x 15 cm / 35.4" x 78.7" x 6"), 2127 (100 x 200 x 15 cm / 39.3" x 78.7" x 6"), 2195 special size (Delivery time about 3 weeks!)

### chemo-thermal treatment at the Waltrop centre for hygiene



### chemo-thermal treatment

### at the Waltrop centre for hygiene

High-quality anti-decubitus systems are cleaned and disinfected for reuse by the patient. Safe and traceable hygienic reprocessing is a particular challenge here.

In collaboration with Prof. Dr. Mutters from the University of Marburg, SLK has developed a validated reprocessing procedure that not only safely combats pathogens, but at the same time is gentle on the material, thus ensuring a long service life for the devices.

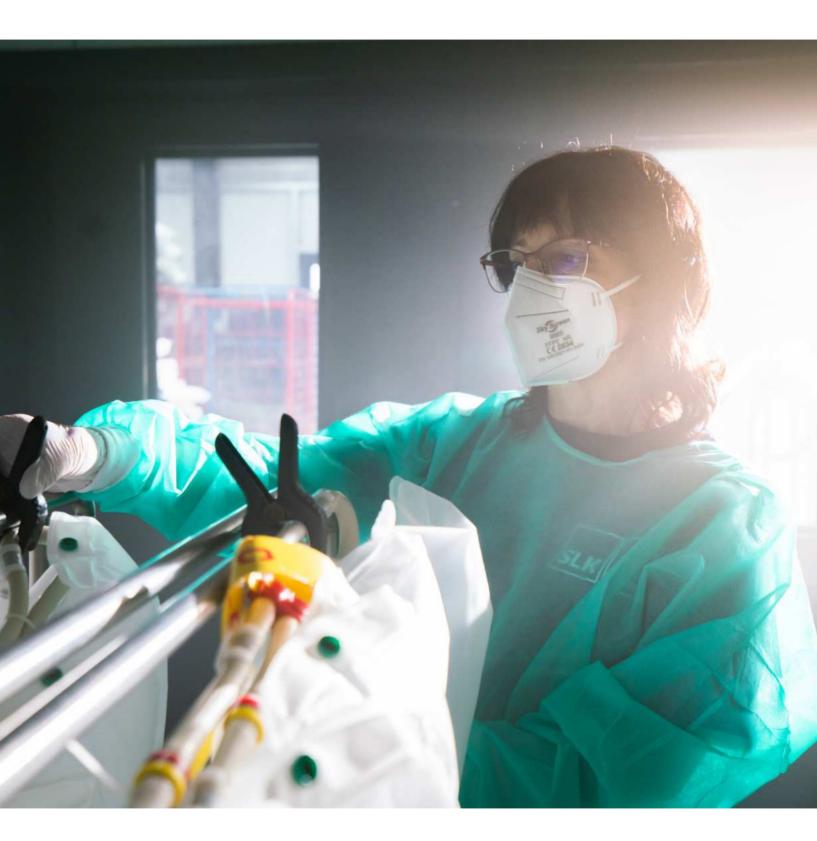
The modern facility for chemo-thermal processing uses a combination of temperature and chemicals based on the specifications of the Robert Koch Institute. The effectiveness of our washing process is regularly monitored by the Hohenstein Hygiene Institute.

The facility is strictly separated into a clean and an unclean side. Heavily soiled components (for example covers and transport bags) are cleaned in special washing machines, while air chambers and support structures are processed in an automated washing and disinfection line. This process ensures minimal mechanical stress with maximum hygienic effectiveness.

After successful disinfection, the devices are moved to the clean side. Here, functional checks and metrological tests are carried out. Finally, the devices are packed in breathable hygienic bags, sealed and sent to the customer in new cardboard boxes together with a hygiene certificate.

Should you have any further questions about reprocessing, please do not hesitate to contact us.





# #workgreen

MADE IN GERMANY

Eux a

SLK

### For information about our SLK patient hoists please ask for our lifter brochure, or have a look at www.slk-gmbh.de





#### Products

- alternating pressure systems for decubitus prophylaxis and therapy
- intermittent pneumatic compression with chamber garments for different fields of applications
- hoists for patients with mobility restrictions due to illness or disability

#### Service

- fast delivery of products
- SLK works together with authorized dealers across Europe
- safe and timely chemothermic cleaning and testing of anti-decubitus systems according to a validated procedure
- regular inspection of the cleaning by an internationally recognized hygiene institute
- cleaned systems are packed in breathable sanitary bags, sealed and shipped in new boxes
- maintenance and repair of SLK products
- cleanings with maintenance and leakage test according to DIN EN 62353
- repairs of external system on request
- high security for re-use

#### Training

- SLK offers advanced product training programs as well as trainings about bedsore for physicians, nursing personnel, hospitals and / or the medical service employees and others
- we offer training for our partners on the topic of wound treatment



#### Wellell Group

SLK Vertriebsgesellschaft mbH Am Herdicksbach 18 45731 Waltrop - Germany

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