

SILOVO®

The modular,
space-saving
bed chair



LIKAMED®



Index

4 – 5	SILOVO®
6 – 7	Flexibility
8 – 15	Comfort
16	Mobility
17	Hygiene and cleaning
18	Accessories
20 – 21	Equipment and options
22	Colours
23	Technical Data
24	Additional products
25 – 27	LIKAMED

SILOVO® Bed? Chair? Both!

- up to five silent drives for easy and stepless adjustment of the bed chair
- flexible armrests for every application
- wide range of comfortable mattresses
- footrests can be adjusted manually or electrically
- central locking system with direction locking for quickly moving or locking the bed chair
- side rail variants and sit up aid for patient support
- equipotential bonding
- safe working load 250 kg



tuv-sud.com/ps-cert

SILOVO®

The space-saving bed chair that meets all your requirements

SILOVO is the perfect combination of bed and chair for outpatient treatment. The wide range of optional equipment meets all your needs. The compact design combined with the ability to attach a wide range of optional equipment to the bed chair makes it the ideal choice for dialysis and many other treatments. All configurations offer stepless adjustment of the back part, seat part and foot part and also height adjustment. This makes it easy for the patient to get on and off the bed chair and offers a comfortable working height for nursing personnel. In an emergency the Trendelenburg position can be set quickly and easily at the press of a separate button. Like all LiKAMED chairs, the high quality of the SILOVO is a well-known feature and it guarantees satisfied users and patients over the long term.



Stay flexible

Adjustment and positioning options

Set the bed chair to any desired position. The SILOVO can be configured to your exact requirements with four or five drives.



Flexibility with seat position, comfort and bed position

Stepless adjustment of back part, seat part and foot part with three separate drives.



Height adjustment

Particularly for older patients it is extremely important to be able to get on or off the bed chair easily. The stepless height adjustment allows the SILOVO to be moved to a comfortable working position even when it is in the bed setting.



Ease of operation

All adjustments are easily made quickly and precisely with the intuitively designed hand switch. The symbols on the buttons are three-dimensional for operation by visually impaired people. You receive the right hand switch for the specific model with only the functions that you have selected.

Comfort buttons

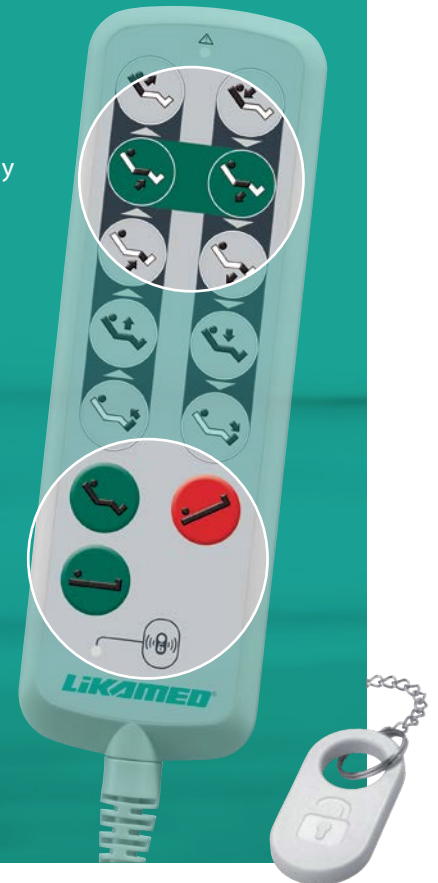
One of the most popular functions of LiKAMED chairs: after setting the optimal seat position, the patient can change the position quickly and easily with only one pair of buttons without changing the angles of the seat part, back part and foot part to one another.

Special buttons

The coloured markings ensure that the most important functions are easily visible. Quick adjustment to the Trendelenburg position with the red button is particularly important in case of emergency.

Magnetic key

The hand switch can be locked and unlocked with the magnetic key.



Emergency position

In an emergency you can move your patient to the shock position or press the special button to move directly to the Trendelenburg position.



Shock position

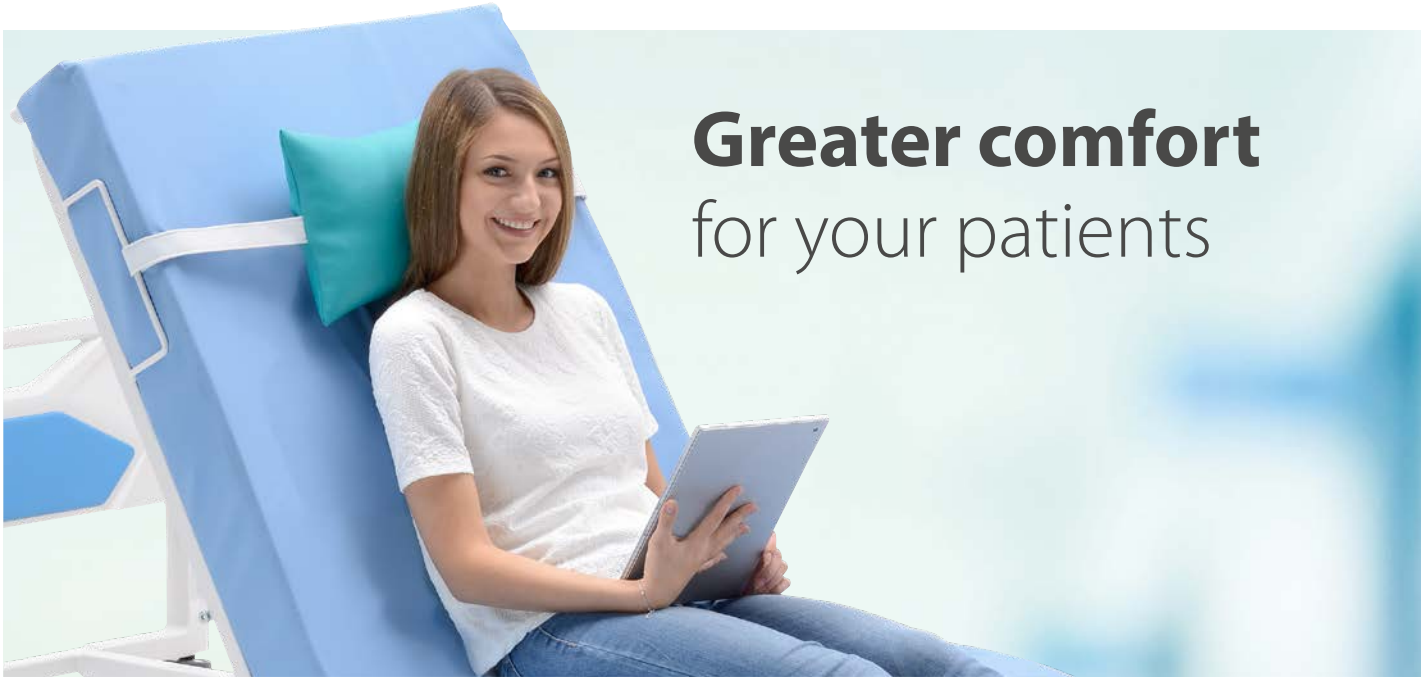


Trendelenburg position

Foot controller

In an emergency the optional safe foot controller can be double-clicked to move the bed chair quickly and easily into the Trendelenburg position. At the same time nursing personnel have their hands free for immediate action in case of emergency.





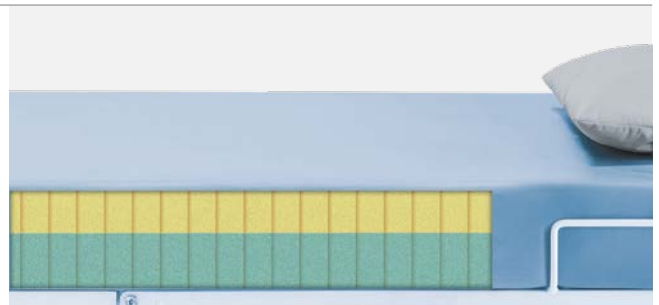
Greater comfort for your patients

Mattresses

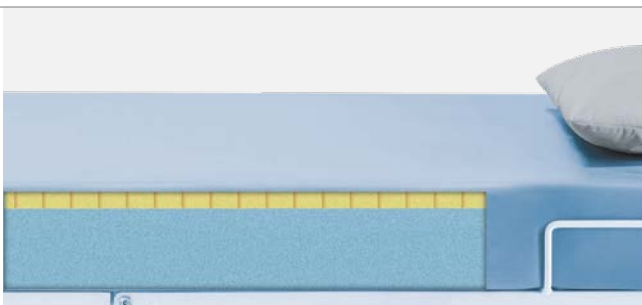
The SILOVO offers a wide range of different mattresses including the perfect selection for your applications. The removable cover of light-blue PU material with zip fasteners on two sides guarantees hygiene and a long service life.



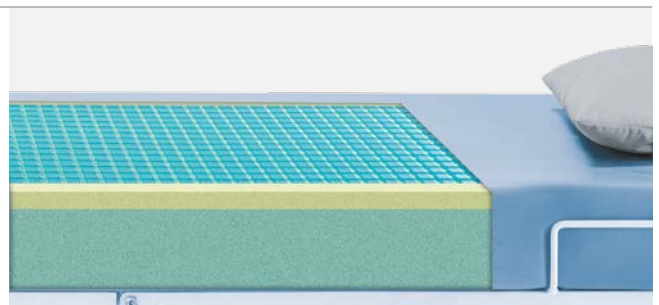
Universal
The foam mattress is ideal for universal applications with many different patients.



Visco foam
Pleasant sitting and lying comfort during long treatment periods with adaptive adjustment of hardness thanks to two-layer visco foam.



Robust
Offers even heavy patients weighing 175 kg or more a pleasant sitting and lying comfort. Stable mattress made of two-layer polyurethane foam.



Anti-decubitus
High pressure relief when sitting and lying for decubitus patients, due to gel insert.

Excellent pressure relief with the **anti-decubitus mattress**

Comfortable positioning of any weight with the 3D adaptation of the gel insert

With its high resilience and the good heat conductivity the gel insert offers unique seating comfort and cooling properties. The unique material is soft and at the same time provides support for the body and is particularly recommended for patients requiring extended treatment periods.



Relaxation is also in the head

The removable, comfortably wide relax pillow is recommended for optimal comfort in the bed chair.



Relax pillow
For a relaxed head position.

With or without headrest? Height-adjustable armrests? **It's your choice**



Headrest with removable head board

The headrest protects the patient's head area when lying down and is also used as a handle. It also protects the patient from sliding down the chair in the emergency position. The headrest can be easily removed in an emergency for quick and unhindered access to the patient.

Armrests

One or two flexible armrests provide a high degree of patient comfort and an ideal treatment position. The grey, full foam armrest pads are soft and noted for their long life and ease of cleaning.



Rotatable, folding upwards and tiltable armrest

The folding armrest makes it easy for patients to get on the bed chair. The integrated rotation function guarantees comfort when seated or lying down and also ideal positioning of the arm for dialysis treatment.



Additional height-adjustable armrest

Best possible adjustment of position in all seated and lying positions. Greater comfort and flexibility for particularly large or small patients.

Comfort has a colour



The standard grey colour of the headrest decor can be replaced with a padded imitation leather decor for even greater patient comfort. The imitation leather decor is available in a total of 19 colours, as is also the padded footrest decor. It is ideal for matching with the room decor. Select your favourite colour.



Relaxed in a comfortable seat

Footrests

The footrest provides a really relaxed seat position. A footrest is recommended for specific applications, such as dialysis, in order to give patients the option of pressing their feet against the footrest to relieve a cramp. In combination with the headrest this makes the SILOVO the complete bed chair.



Manually adjustable footrest

Greater stability and comfort for patients, particularly during extended treatment times. Nursing personnel can adjust the footrest with the setting wheel on the side.



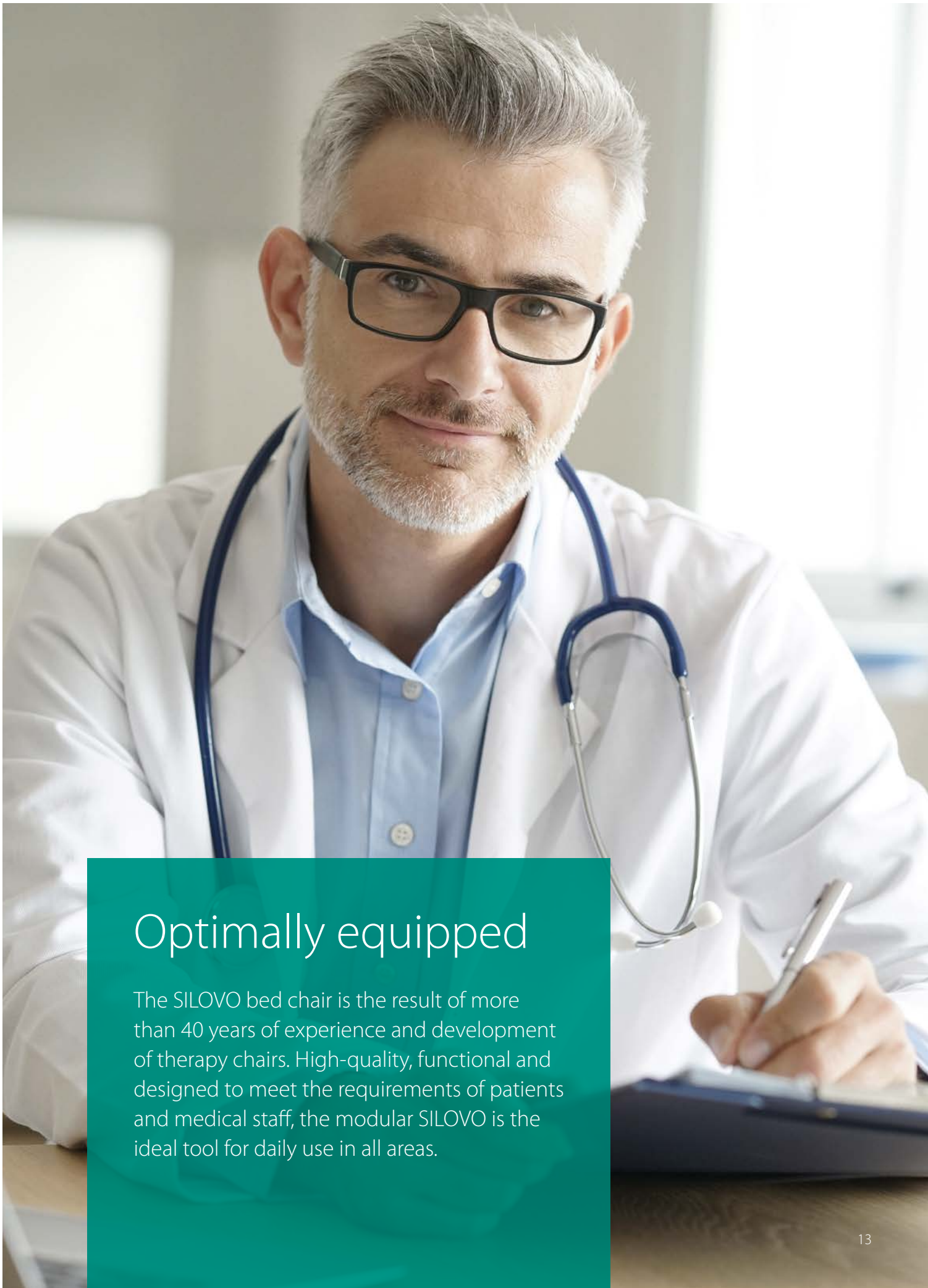
Electrically adjustable footrest

The patient can easily adjust the position of the footrest with the hand switch. This saves time for nursing personnel during the treatment period.



Padded footrest decor

In addition to the standard grey, a padded version with easy-care imitation leather decor is available for greater comfort and in colours to match your general colour scheme.



Optimally equipped

The SILOVO bed chair is the result of more than 40 years of experience and development of therapy chairs. High-quality, functional and designed to meet the requirements of patients and medical staff, the modular SILOVO is the ideal tool for daily use in all areas.

For any situation the right option



Protection and support

The side rails protect your patients from falling off the bed chair and eliminate the fear of falling. Patient safety is a very good option, particularly for patients with dementia. The SILOVO can also be adjusted through its complete range to the seated position with all side rails in place without danger of entrapment of any part of the patient's body. The tiltable side rails can be lowered for patients to get on and off quickly. The stable side rails can also be used as a handle to assist with getting up. The sit up aid allows patients with restricted mobility to get on and off the bed chair without assistance, allowing nursing personnel to continue with other duties.



Removable side rails

The 2-part side rail can be used on both sides and can be removed if necessary using the easily accessible locking screws.



Tiltable side rails

The side rails can be easily lowered for quick entry or exit and thus adapt perfectly to changing situations. The 2-part side rails are available in versions for left and right-hand side.

Sit up aid incl. handle

Makes getting on and off easier, even in the bed position, particularly for patients with restricted mobility or patients just out of surgery. The removable sit up aid with height-adjustable trapeze handle is attached to one of the two holders on the headrest.



Keep **moving**

Casters

Regardless of whether you move your SILOVO around frequently or it mostly stays in the same place, we have the right casters for every situation.



Casters Ø 10 cm with central locking

Easy to move around and comfortable with good shock absorption with 10 cm diameter casters. The integrated central locking greatly simplifies setup and adjustment of the bed chair, particularly in a confined space.



Casters Ø 12.5 cm with central lock and direction locking

If the bed chair is moved frequently, a central lock for quick release and braking in combination with the 12.5 cm diameter caster is recommended. The direction locking fixes the direction of a caster and prevents the bed chair from moving to the side during transport. This makes it easy to maintain the direction of the bed chair, particularly over longer distances. This caster size also provides maximum floor clearance for accessories. The higher seating position makes the work of the nursing personnel easier and more comfortable.

Power reserve

Rechargeable battery

Use the adjustment options temporarily without a power outlet.



Easily cleaned and attractive



Jersey covers

for upholstery, relax pillow and armrests

Colorful and comfortable are the jersey covers for the SILOVO. The cotton jersey covers with their soft surface ensure a particularly pleasant lying comfort for your patients, can be changed quickly and, thanks to a wide range of colours, fit perfectly into your colour scheme.



Coated stretch cover

The white mattress cover with the coated surface and the jersey side sections is water-repellent and is used primarily for incontinent patients or patients with allergies to house dust.



Transparent protective covers for the armrests

protect the armrest pads and are particularly easy to clean.

Fast cleaning

The homogenous surfaces of the bed chair are easy to clean and disinfect.



For every application the optimal accessory



LED reading lamp

Flexible rotatable lamp for patient comfort in a low-light environment. The reading lamp can be placed on both sides.



Extension adapter for LED reading lamp

Ideal for very tall patients. Extends the space for working around the headrest and armrest areas.



Wedge-shaped pillows

Two different versions for arm support. Ideal addition for bed chairs without armrests.



Hand switch holder with velcro

Made of grey imitation leather and suitable for full foam armrest pads. Makes it easier for the patient to grip the switch.



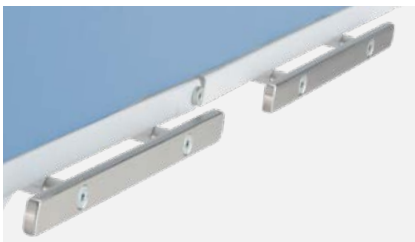
Hand switch holder

The optional secure attachment for the hand switch is placed in the seat part of the bed chair.



Infusion holder

Space-saving and ideal for improved mobility by installation directly on the sit up aid.



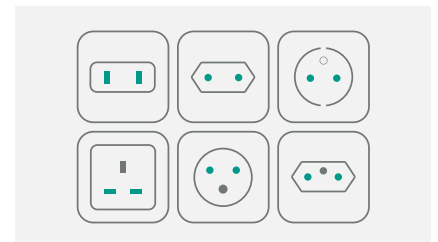
Standard rails

The optional pairs of standard rails for secure attachment of accessories can be mounted on both sides of the seat part and back part.



Equipotential bonding cable

For the integrated equipotential bonding connection. Required for intracardiac procedures.



Power plug types

Country-specific power plug.

Configure **your bed chair**

Modular bed chair

Configure your SILOVO®

The modular design of the product allows you to configure a bed chair exactly to your requirements. The wide range of adjustment options and mattresses, one or two armrests, side rails and headrest with sit up aid along with many more options will customise your SILOVO precisely to what you need.



Configuration options

Overview of variations

Flexibility

from page 6

Adjustability	● Back, seat and foot part motorized adjustable
	● Height motorized adjustable
Emergency position	● Trendelenburg position
	● Foot controller for Trendelenburg position

Patient comfort

from page 8

Mattresses	● Foam mattress with light blue PU cover
	● Two-layer visco foam mattress with light blue PU cover
	● Two-layer polyurethane foam mattress with light blue PU cover (for persons weighing 175 kg and above)
	● Anti-decubitus mattress with gel insert and light blue PU cover
Headrest	● Relax pillow with grey PU cover
	● Headrest with removable head board
	● Padded imitation leather decor for headrest
Armrests	● Rotatable, folding upwards and tiltable full foam grey armrests
	● Additional height adjustable armrests
Footrests	● Manually adjustable footrest
	● Electrically adjustable footrest
	● Padded imitation leather decor for footrest
Protection and support	● Sit up aid with handle for mounting on headrest
	● Removable side rails
	● Tiltable side rails

Mobility

Page16

Casters	● Casters Ø 10 cm casters with central lock
	● Casters Ø 12.5 cm with central lock and direction locking
Power reserve	● Rechargeable battery

Hygiene and cleaning

Page 17

Cover protection

- Transparent, cleanable protective covers for the armrest pads
- Jersey stretch cover for armrest pads
- Jersey stretch cover for the mattress
- Coated jersey stretch cover for the mattress in white
- Jersey stretch cover for relax pillow

Accessories

Page 18

- LED reading lamp
- Extension adapter for LED reading lamp
- Wedge-shaped pillow for the arm with grey PU cover
- Low wedge-shaped pillow for the arm with grey PU cover
- Hand switch holder with velcro for armrest pads
- Hand switch holder for attachment to seat section
- Infusion holder for sit up aid
- Standard rails
- Equipotential bonding cable
- Country-specific power plug types



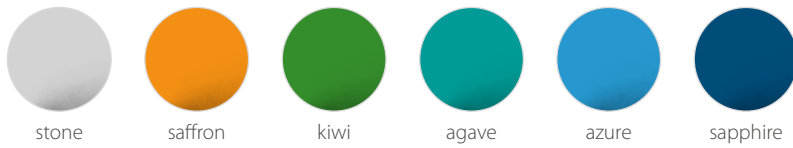
Perfect match

Colours for every environment

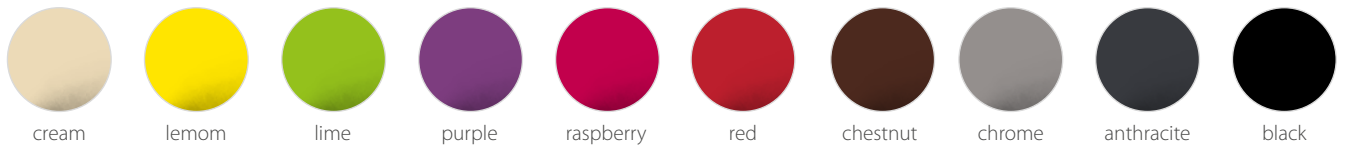
Imitation leather decor for headrest and footrest

The padded imitation leather has a pleasing surface and a particularly long life. The imitation leather is dirt-resistant, resistant to scratching and tears and resistant to disinfectants.

Standard colours



Additional colours



Jersey covers

The jersey covers are high-quality cotton and tested to STANDARD 100 by OEKO-TEX®. Washable at 60 degrees, and 90 degrees for white covers, and suitable for dryers.

Colours



Technical Specifications

SILOVO®



Technical data	SILOVO
Armrests length x width x height	
Full foam armrest pads	60.5 cm x 13.5 cm x 4.5 cm
Mattress length x width x height	220 cm x 79 cm x 11 cm
Overall length (max.)	
without attachments in seat position	205 cm
without attachments in bed position	223 cm
with footrest	226 cm (max.)
with headrest	233 cm
with footrest and headrest	236 cm (max.)
Overall width	
without attachments	87 cm
with headrest, footrest or side rails on both sides	95 cm
with 2 armrests	110 cm
Floor clearance	96 mm (casters Ø 10 cm)/136 mm (casters Ø 12.5 cm)
Seat/bed height	
with casters Ø 10 cm	54 cm to 79 cm
with casters Ø 12.5 cm	58 cm to 83 cm
Height adjustment	25 cm
Tilt angle	
Back/seat/foot part	0° to 70°/0° to 15°/-15° to 15°
Back/seat/foot part in shock position	0°/15°/15°
Back/seat/foot part in Trendelenburg position	-15°/15°/15°
Battery	optional
Equipotential bonding connection	standard
Power rating, primary	100-240 V AC, 50/ 60 Hz
Power rating, secondary	29 V
Fuse	internal
Protection type hand control unit / controller	IP X6/IP X4
Protection class	II
Duty cycle	2 min. ON/ 18 min. OFF or 10% with max. 5 switching cycles per minute
Consumption in standby mode	< 2 W
Electrical safety, EMC	DIN EN 60601-1, 60601-1-2
Spiral power cable	2.0 m to 3.5 m
Permitted air pressure	800 to 1060 hPa
Ambient temperature	10° C to 40° C
Emission sound pressure level	< 65 dB(A)
Medical device class	I
Applied parts type	B (CF limit values in compliance)
Safe working load	250 kg
Covers and metal frame colour	light grey - RAL 7047
Weight (depending on configuration)	110 to 200 kg
Guarantee	2 years



Side tables

DT 1 and ST 1

Features

- Single-handed, spring supported height adjustment
- Tray with finger-hollow
- Tilttable tray with the DT 1 model
- Fixed tray with the ST 1 model
- Flat not removable tray as option with the ST 1 model
- Detachable plastic storage box
- Holder, e.g. for bags
- Strong metal frame construction with rounded edges for easy cleaning and with caps to prevent damage



Side table DT 1
with tiltable
removable tray.



Side table ST 1
with removable tray.



Side table ST 1
with flat tray.

Universal stool

HKL 1 and HVS 1

Features

- Base with easy ring control
- Stepless height adjustment via gas spring
- Soft casters for hard floors
- 6 standard colours for foam seat part
- 10 additional colours for foam seat part



Universal stool HKL 1
Foam seat part covered with
imitation leather.

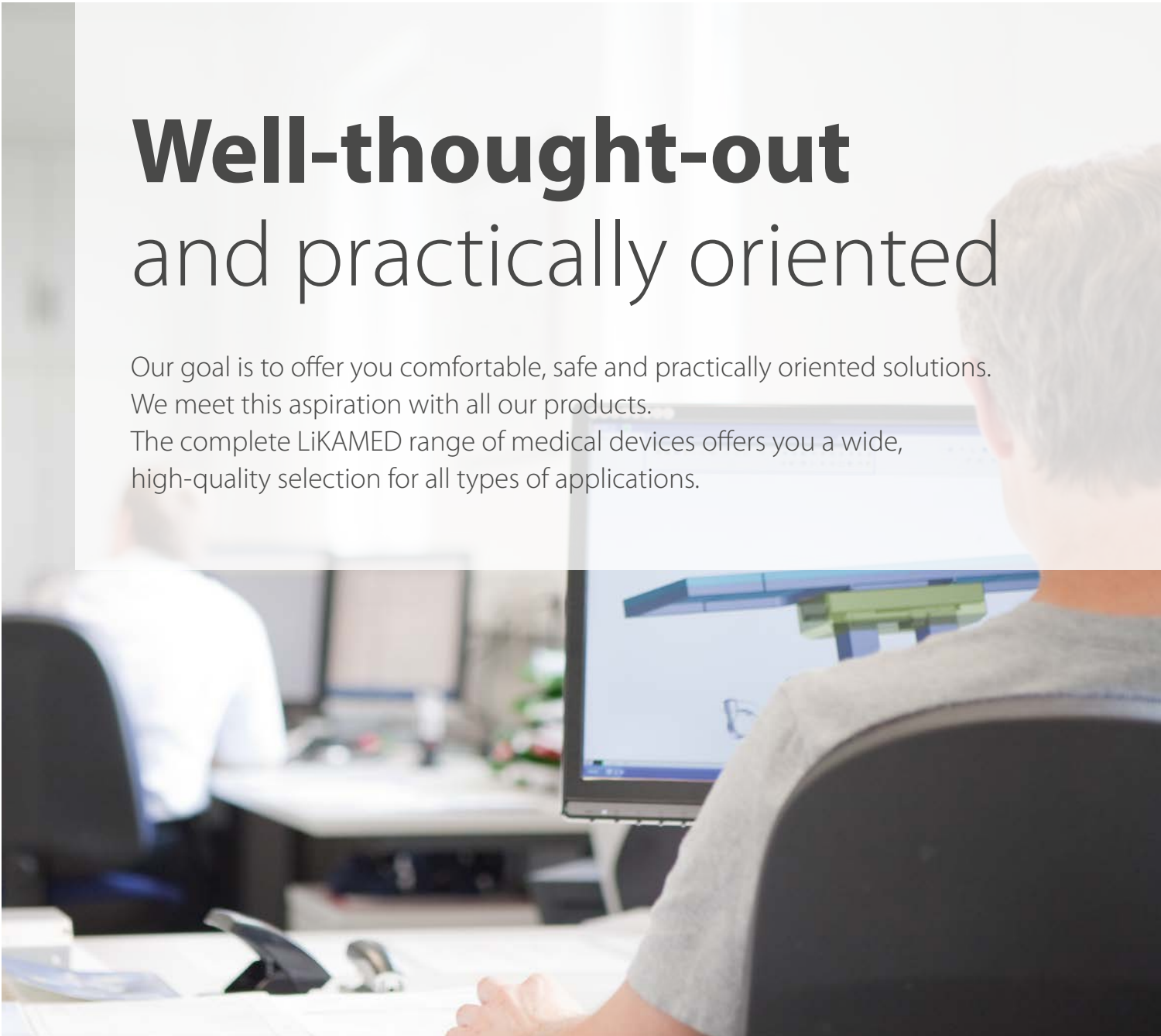


Universal stool HVS 1
Grey full foam seat part.

Further information and options for side tables and universal stools see likamed.de.

Well-thought-out and practically oriented

Our goal is to offer you comfortable, safe and practically oriented solutions. We meet this aspiration with all our products. The complete LiKAMED range of medical devices offers you a wide, high-quality selection for all types of applications.





LiKAMED®

Focused on design and quality

We are your experts for high-quality, practical-ly oriented treatment and therapy chairs. Our consequent focusing of our product-quality, comfort and functionality based on the needs of our customers has kept LiKAMED one of the leading companies supplying innovative and high-quality medical technology for more than 40 years.

LiKAMED is certified



- QM certification according to EN ISO 13485
tuv-sud.com/ps-cert
- Certified environmental management system according to EN ISO 14001
tuv-sud.com/ms-cert

Made by LiKAMED

Made in Germany



All LiKAMED products are developed, tested, produced and assembled in our house in Germany. Our long lasting experience and our strict quality checks guarantee, that the label "Made by LiKAMED" always stands for top quality.

Proven LiKAMED quality

The high-quality design of the product is the result of the best possible manufacturing technology. For example, the robust and especially smooth surfaces are the product of modern LiKAMED powder-coating processes with environmental management certified in accordance with ISO 14001. Or the exceptionally high finishing quality, the result of state-of-the-art precisely operating robot welding plants making the stable and seamless design reality, which also greatly simplifies cleaning and disinfection.



Our company video at likamed.de



Product safety and quality

All of our products are subjected to user-oriented endurance tests with corresponding testing requirements. Moreover, all our medical chairs and beds are tested by the organization TÜV Product Service in accordance with the applicable standards. Our products only go into serial production once both instances have confirmed or certified their safety. We were the first company that established guidelines in collaboration with TÜV for our products to guarantee the best possible safety for our customers.



After Sales Service - fast, dependable, long-term

The LiKAMED Service team will help you quickly and uncomplicated whenever you need it. Our service technicians assist you with technical questions and solve your demands. Wear parts and spare parts are available for all chairs for at least ten years after the end of production. Our products should serve you for many years.

Focused on design and quality

likamed.de

Some equipment is not available in all configurations. The information is up to date at the time of printing. LiKAMED GmbH accepts no liability for discrepancies of colour and shape from the pictures. No responsibility is accepted for errors and misprints. LiKAMED GmbH reserves the right to make changes to publications and products at any time.

Where the masculine form or the generic masculine is used in this brochure for the sake of legibility, this specifically includes the feminine and other gender identities.

LiKAMED[®]

LiKAMED GmbH

Raußmühlstraße 7 · 75031 Eppingen · Germany

Phone: +49 7262 9189-0 · E-mail: info@likamed.de

