

SENSA® i

Maximum comfort
and flexibility



LIKAMED®



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Design and function in perfection



SENSA® i

Maximum flexibility and function

The new SENSA i sets new standards for configuration, safety, comfort and ease of use. It continues the tradition of LiKAMED quality in a new design marked by complete flexibility. In addition to its outstanding quality, close attention has been paid to the comfort of patients and users, as shown by the wide selection of configurable equipment options.



Configure your chair exactly as required

The modular design allows you to assemble the chair exactly as you need it. You configure your chair precisely to your individual requirements with different function groups such as casters, covers, armrests, upholsteries and much more.



SENSA® i

The new standard

- up to five silent drives for enjoyable and stepless adjustment of the chair
- flexible armrests for every application
- wide range of comfortable upholsteries and colours
- multiple types of covers
- footrests can be adjusted manually or electrically
- central locking system for quickly moving or locking the chair
- multiple types of casters with different functions and floor clearances
- equipotential bonding
- safe working load 250 kg



tuv-sud.com/ps-cert

Focused on **Design and Quality**

Made by LiKAMED means: all development, design and manufacturing is done at the factory in Germany. All chairs are thoroughly tested and additionally subject to voluntary testing and certification by an independent TÜV institute to guarantee maximum security for you.

Proven LiKAMED quality

The high quality of all LiKAMED chairs is a well-known feature and it guarantees satisfied users and patients over the long term.

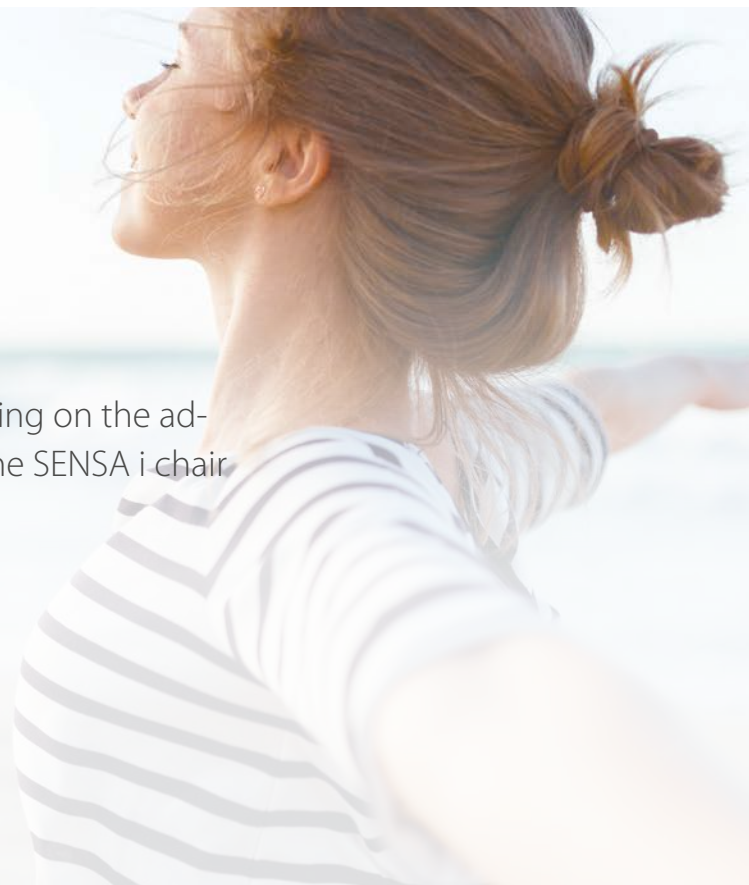
The high-quality design of the product is the result of the best possible manufacturing technology. For example, the robust and especially smooth surfaces are the product of modern LiKAMED powdercoating processes with environmental management certified in accordance with ISO 14001. Or the exceptionally 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.



Stay flexible

Adjustment and positioning options

Set the chair to any desired position. Depending on the adjustment options and the installed options, the SENSE i chair comes with three, four or five drives.



Flexibility with seat position, comfort and bed position

Stepless adjustable positioning of back part, seat part and foot part with three motors.



Additional option with height adjustment

Particularly for older patients it is extremely important to be able to get on or off the chair easily, which is why the additional motor for stepless adjustment of the height is so important. This also allows the chair to be moved into a specific working position, which is a great benefit for the nursing personnel.



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 suitable 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 shock or Trendelenburg position is particularly important in case of emergency.

Magnetic key

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



Shock or Trendelenburg position

You can configure your chair to select whether it moves the patient into the shock position or the Trendelenburg position in case of emergency.



Shock position



Trendelenburg position

Foot controller

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



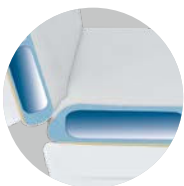
Greater comfort for your patients



The SENSE i offers a wide range of different upholsteries including the perfect selection for your application.

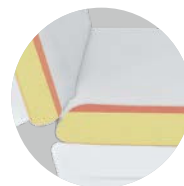
The wide range of optional equipment, such as spring core, soft upholstery or individually adjustable air chambers with dynamic adjustment options, make it easy for you to find the best solutions for your application.

Upholsteries



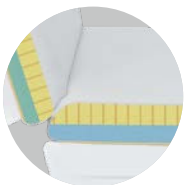
Air chambers

The hardness of the seat and back parts can be adjusted for additional comfort during long treatment sessions.



Soft

The soft upholstery has a particularly soft-top layer.



Visco foam

The visco foam is particularly yielding and adjusts itself to the contour of the patient by the body heat, thereby enabling comfort while seated and lying down for many hours.



Universal

The two-layer sandwich foam is ideal for universal applications with many different patients.



Spring core

The inner spring core has a particularly long life and a slightly firmer comfortable seat while seated and lying down.



Robust

The PU foam is particularly suitable for heavier patients, allowing them to be seated or lie down in comfort.



Shorter upholstery

The optional universal 2-layer foam upholstery with shorter back and foot part padding is ideal for the treatment of small patients and incidentally reduces the maximum space requirement of the chair.

The pulsating upholstery with adjustable air chambers

The firmness of this upholstery can be adjusted to suit the patient with internal air chambers.



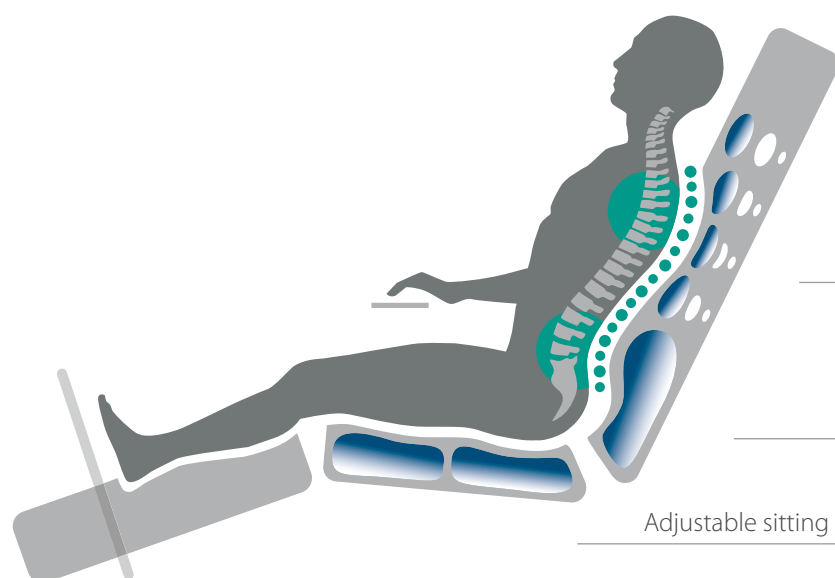
The air chambers in the back part and the seat part can be adjusted quickly and quietly with the separate hand switch to make it as comfortable as possible for the patient. The ability to adjust the air chambers for patients of different weights is also a great advantage when treating a range of different patients.

Pulsating seat –

Perfect for treatments that take place over several hours



The switchable pulsating movements of the back part relieve the spine and relax the musculature. These small and continuous adjustments ensure enjoyable patient comfort and prevent cramped sitting position due to static sitting.



Separate adjustment possibilities of the back part for individual comfort

•••• Pulsating adjustment of the back part for relaxation and relief of the spine

Large air chambers in the seating area to correct the angle of the pelvis and reduce the pressure of the intervertebral discs

Adjustable sitting hardness according to individual patient weight

Relaxation is also in the head

A relax pillow or a neck roll is recommended for optimal comfort in the chair.



Relax pillow
For a relaxed head position.



Neck roll
For relaxation in the neck region.



For every application the perfect solution

Armrests

For every specialty the perfect solution: armrests that rotatable and can be folded upwards, armrests that tiltable or armrests with height adjustment.



Rotatable and folding upwards armrests

The folding armrests make it easier for patients to take their position. The rotatable function provides increased comfort while seated or lying down.



Additional tiltable armrests

Increased comfort even during long treatment sessions due to extended adjustment options. For ideal positioning for dialysis treatment.



Additional height adjustable and tiltable armrests

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

Armrest pads

A wide range of different pads for armrests makes it easy to make the right choice for your purpose.

The full foam armrests pads are comfortable and particularly easy to clean. The range of foamed armrest pads with imitation leather covers is particularly comfortable. Arms are comfortably supported by the slightly concave shape and the integrated holder gives the hand switch its specific place and it is easily accessible.

The imitation leather cover on the foam armrest pads enables you to select different colours to design the chair to your requirements and to match the interior design of its surroundings.



Full foam armrest pads

The grey, full-foamed armrest pads are soft, noted for their long-lived and ease of cleaning.



Foam armrest pads

The straight armrest pads with a holder for the hand switch are particularly comfortable with the soft padding material.



Low wedge-shaped foam armrest pads

Ideal if you want an armrest position with a slight inclination downwards for greater comfort.



High wedge-shaped foam armrest pads

This type improves comfort during treatment with a strong inclination downwards, even with not tiltable armrests.

With or without footrest? Electrical or manual adjustment? **It's your choice**

The foot part 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.





Footrest



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.



Automatic footrest length compensation

When the foot part is adjusted, the length compensation moves the footrest slightly outwards when it is raised and slightly inwards when it is lowered. This ensures that legs are never confined.



Electrically adjustable footrest with footrest length compensation

The patient can easily adjust the position of the footrest with the hand switch. This saves time for personnel during the treatment period. The automatic length compensation is also integrated with the electrical footrest.



Padded imitation leather footrest inlay

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

Keep moving

Casters

Whether the chair is moved around often or is always in the same place, we have the right casters for every situation.



Casters Ø 7.5 cm with individual lock

A reduced access height simplifies entry and exit for the patient and assistance by the nursing personnel. The individual lock on all four casters keeps it stationary. If the chair is not moved around much, the caster diameter of 7.5 cm is a good solution.



Casters Ø 10 cm with individual lock

Easy to move combined with individual lock if the chair is not moved very often.



Casters Ø 10 cm with individual lock and direction locking

Easy to move with good shock absorption with 10 cm diameter casters and individual locking. If the chair is moved over long distances or through corridors, the direction can be locked. It locks the direction of a caster and prevents the chair from moving to the side when it is transporting.



Casters Ø 10 cm with central lock

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 chair, particularly in a confined space. The central lock casters includes the additional COMPLETE underframe cover.



Casters Ø 12.5 cm with central lock and direction locking

If the 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 chair from moving to the side when it is transporting. This makes it easy to maintain the direction of the chair, particularly over longer distances. This model also provides maximum floor clearance for accessories and includes the additional COMPLETE underframe cover. The higher seating position makes the work of the nursing personnel easier and more comfortable.

Push handles



Push handle

The push handle makes the chair easier to move and offers the patient more comfort without hands on the head part.



Rotatable push handles

When folded out, the push handles make it easier to move the chair, even with heavy patients. They can also be used when folded in and save space in confined areas.

Optical distance sensor

The warning light signals a too short distance to walls or other barriers in the adjustment range of the back part.



Power reserve

Rechargeable battery

Use the chair adjustment options temporarily without a power outlet.



Easily cleaned and attractive

Covers

The different covers make cleaning simple and easy and save time for other purposes. You can fit covers over the seat part, the foot part and the bottom frame. The back part cover is part of standard equipment.

The cover components are practical and also look attractive as design elements.



jersey covers
for upholstery, relax pillow,
neck roll and armrests

Upholstery protection

The robust and easily cleaned transparent protective covers protect your chair even under heavy use with shoes. We also recommend a Jersey cover as a colour accent and protection for your chair. The hand switch holder on the armrests remains accessible with all protective covers.



Transparent protective covers

Easily cleanable and available for foot part, footrest and all armrest pads.



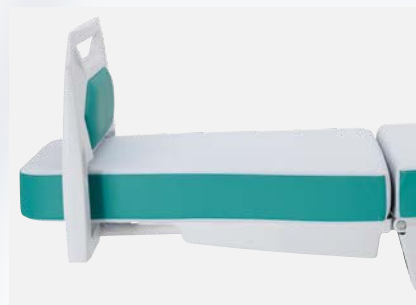
Back part cover

Smooth, easily cleaned surface. All SENSE i chairs come with the elegant back part cover with a practical holder for bags and accessories or for the power cord when moving the chair.



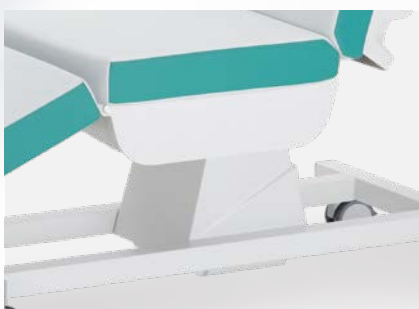
Seat part cover

The optional seat part covers offer quick and simple cleaning and a visual design variant.



Foot part bottom cover

The cover protects the bottom of the foot part and greatly simplifies cleaning.



Underframe cover LIGHT

The column area cover is very easy to clean and fits all chair models with individually locking casters.



Underframe cover COMPLETE

This underframe cover is the best option for fastest and easiest cleaning. It fits all types of casters and is standard equipment on all chair models with central locking.

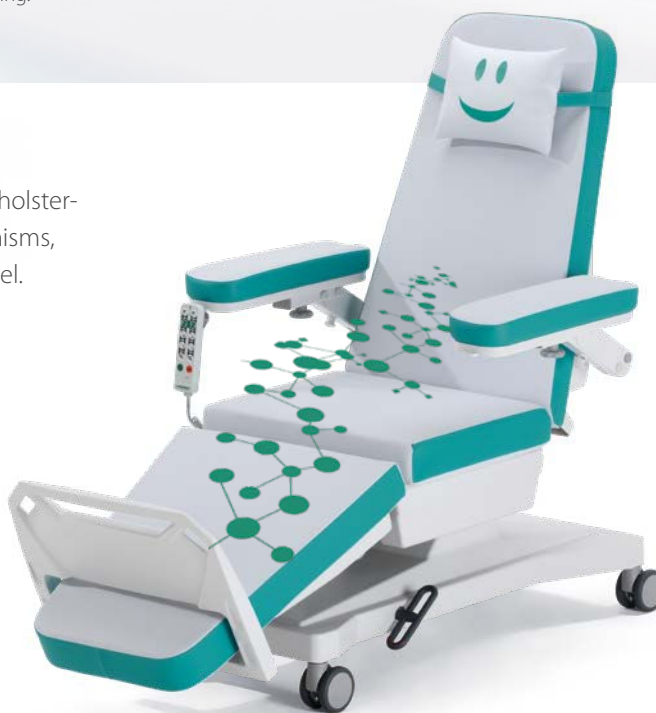


Column cover

This elegant and easily cleaned cover encloses the vertical column or the lift column with the height adjustment.

Antimicrobial upholstery

The special antimicrobial imitation leather is available for all upholsteries and can reduce the viability or infectiousness of microorganisms, thus offering greater safety for patient and health care personnel.



Paper roll holder

Hygiene and cleanliness for every patient by changing the paper cover. The permanently installed roll holder keeps the paper roll ready for use and positions the paper cover.



For every application the optimal accessory



Tablet holder

Flexible adjustable and swiveling holder for smartphone or tablet.



Swiveling table

The height adjustable and tiltable tray is mounted directly on the couch to save space.



USB charging port

2-port charging option for smartphone or tablet and connection for the USB reading lamp.



USB reading lamp

The patient reading lamp for the USB charging port.



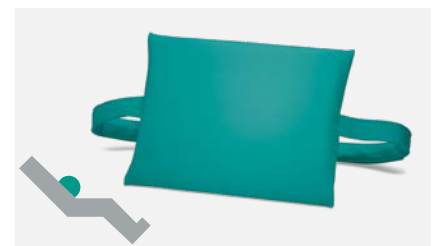
LED reading lamp

Flexible positioned light for patient comfort in a low-light environment.



Extension adapter for LED reading lamp

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



Lumbar support

The flexible cushion with comfortable gel insert matches the colour of the upholstery; it promotes natural curve of the spine in a seated position and may prevent backache.



Pressure relieving gel seat cushion

With grey PU-cover and comfortable gel insert. Perfect for long treatment sessions.



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.



Grey holder with velcro

Made of grey imitation leather and suitable for foam armrest pads. Fits for nurse call or other remotes.



Optimally equipped

The SENSE i 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 SENSE i chair is an efficient tool for daily use in all areas.



Side rail

The removable side rail, available for all armrest pads, prevents the arm from slipping off the armrest. Available individually, mountable on both sides inside and outside.



Standard rails

The standard rails on both sides of the seat section are ideal for secure attachment of accessories.



Infusion rod holder

For improved mobility by space-saving mounting swiveling infusion rod on the right and left of the chair.



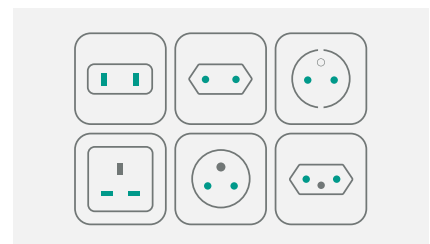
infusion rod incl. bottle holder

The height-adjustable accessory for the swiveling infusion rod holder.



Equipotential bonding cable

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



Power plug types

Country-specific power plug.

Configuration options

Overview of variations

Flexibility

from page 8

Adjustability	● back, seat and foot part motorized adjustable
	● height motorized adjustable
	● shock position
	● Trendelenburg position
	● foot controller for shock or Trendelenburg position
Emergency positions	

Patient comfort

from page 10

Upholsteries	● Adjustable air chambers upholstery
	● Soft upholstery
	● Visco foam upholstery
	● Universal 2-layer foam upholstery
	● Spring core upholstery
	● Robust upholstery
	● Shorter universal 2-layer foam upholstery
Headrest	● Relax pillow
	● Neck roll
Armrests	● Rotatable and folding upwards armrests
	● Additional tiltable armrests
	● Tiltable and height adjustable armrests
Armrest pads	● Full foam armrest pads
	● Foam armrest pads
	● Low wedge-shaped foam armrest pads
	● High wedge-shaped foam armrest pads
Footrests	● Manually adjustable footrest
	● Manually adjustable footrest with automatic length compensation
	● Electrically adjustable footrest with automatic length compensation
	● Padded imitation leather footrest inlay

Mobility

from page 16

Casters	● Casters Ø 7.5 cm with individual lock
	● Casters Ø 10 cm with individual lock
	● Casters Ø 10 cm with individual lock and direction locking
	● Casters Ø 10 cm with central lock
	● Casters Ø 12.5 cm with central lock and direction locking



How to configure your chair

The LiKAMED product configurator guides you to the right configuration step by step.

configurator.likamed.de



Mobility

from page 16

Push handles

- Push handle
- Rotatable push handles

Assistance

- Optical distance sensor

Power reserve

- Rechargeable battery

Hygiene and cleaning

from page 18

Covers

Upholstery protection

- Seat part cover
- Foot part bottom cover
- Underframe cover LIGHT
- Underframe cover COMPLETE (standard with central locking)
- Column cover
- Antimicrobial upholstery
- Transparent, cleanable protective covers for armrest pads
- Transparent, cleanable protective cover for foot part
- Transparent, cleanable protective cover for footrest
- Jersey stretch cover for upholstery
- Jersey stretch cover for relax pillow or neck roll
- Jersey stretch cover for armrest pads
- Paper roll holder

Accessories

from page 20

- Swiveling table
- Tablet holder
- USB charging port
- USB reading lamp
- LED reading lamp
- Extension adapter for LED reading lamp
- Lumbar support
- Pressure relieving gel seat cushion
- Hand switch holder with velcro (for full foam armrest pads)
- Grey holder with velcro (for foam armrest pads)
- Side rail
- Pair of standard rails
- Infusion rod holder
- Infusion rod incl. bottle holder
- Equipotential bonding cable
- Country-specific power plug types

Individualised colour design

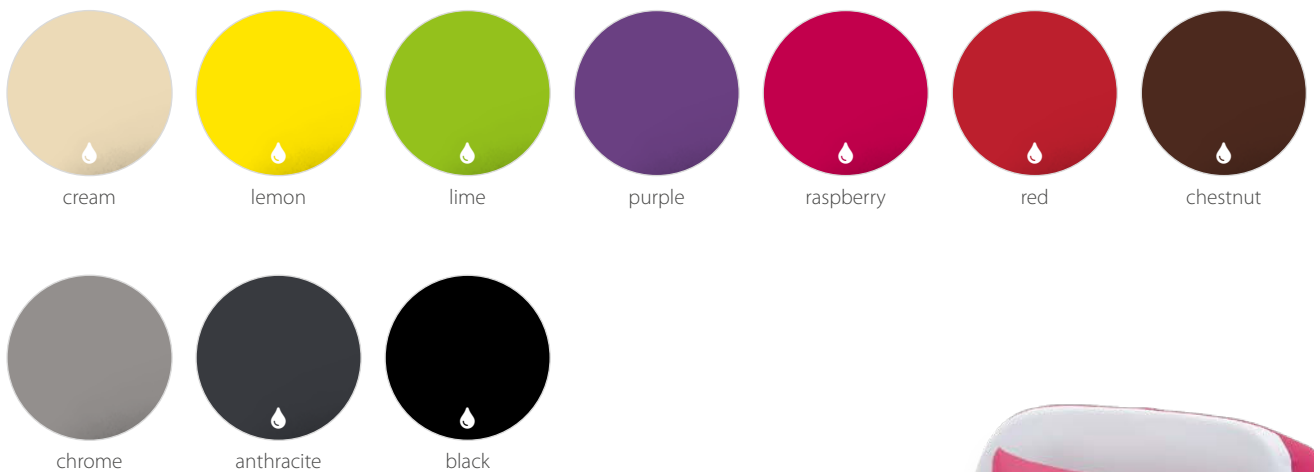
Upholstery

All cushion covers can be configured in single colour or two-tone in the six standard colours at no additional cost. A total of 10 custom colours is also available for additional colour configuration.

Standard colours



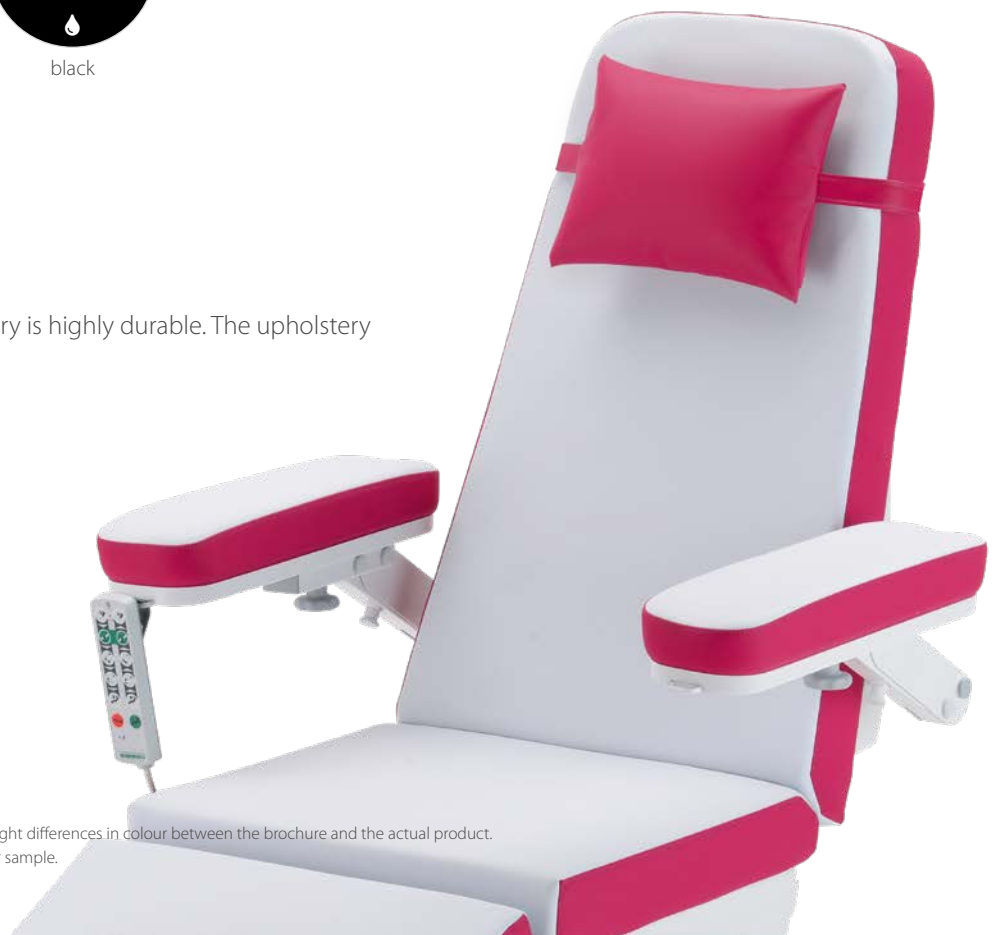
Special colours



also available as antimicrobial upholstery

Features

The imitation leather of the upholstery is highly durable. The upholstery is tearproof and resistant to dirt, scratches and disinfectants.



For printing reasons, it is possible, that there might be slight differences in colour between the brochure and the actual product. If you are interested, please request your personal colour sample.

Jersey covers

Colours



Features

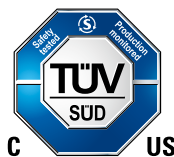
The jersey covers are high-quality cotton and tested to STANDARD 100 by OEKO-TEX®. Washable at 60 degrees, and 90 degrees for white covers, and suitable for dryers.



Technical Specifications

SENSA® i

Technical data	SENSA i
Armrests length x width x height	
Full foam armrest pads	60.5 cm x 13.5 cm x 4.5 cm
Foam armrest pads	52.5 cm x 15.5 cm x 8.5 cm
Low wedge-shaped foam armrest pads	52.5 cm x 15.5 cm x 6.5 to 9.5 cm
High wedge-shaped foam armrest pads	52.5 cm x 16.5 cm x 7.5 to 12.5 cm
Upholstery length x width x height	219 cm x 60 cm x 9 cm
Total length (max.) x total width (max.)	229 cm x 87 cm
Floor clearance	63 mm (casters Ø 7.5 cm) / 93 mm (casters Ø 10.0 cm) / 132 mm (casters Ø 12.5 cm)
Seating height	
with height lift	53 cm to 75 cm (casters Ø 7.5 cm) / 56 cm to 78 cm (casters Ø 10.0 cm) / 60 cm to 82 cm (casters Ø 12.5 cm)
without height lift	57 cm (casters Ø 7.5 cm) / 60 cm (casters Ø 10.0 cm) / 64 cm (casters Ø 12.5 cm)
Height adjustment	22 cm (optional)
Angle of inclination	
back/seat/foot part	0° to 72° (shock position model), -12° to 72° (Trendelenburg position model) / 0° to 25° / -25° to 27°
back/seat/foot part in shock position	0° / 25° / 27°
back/seat/foot part in Trendelenburg position	-12° / 25° / 27°
Equipotential bonding terminal	standard
Power rating, primary	100-240 V AC, 50/ 60 Hz
Power rating, secondary	29 V
Fuses	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	< 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 1,060 hPa
Ambient temperature	10° 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)	85 to 100 kg
Guarantee	2 years



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Configure and experience **your chair**

Configurator

Configure your individual SENSE i

You can configure your new SENSE i quickly and easily with the LiKAMED product configurator. The configurator guides you step by step to the perfect configuration for you in the colours you want.

configurator.likamed.de



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 tilttable
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.



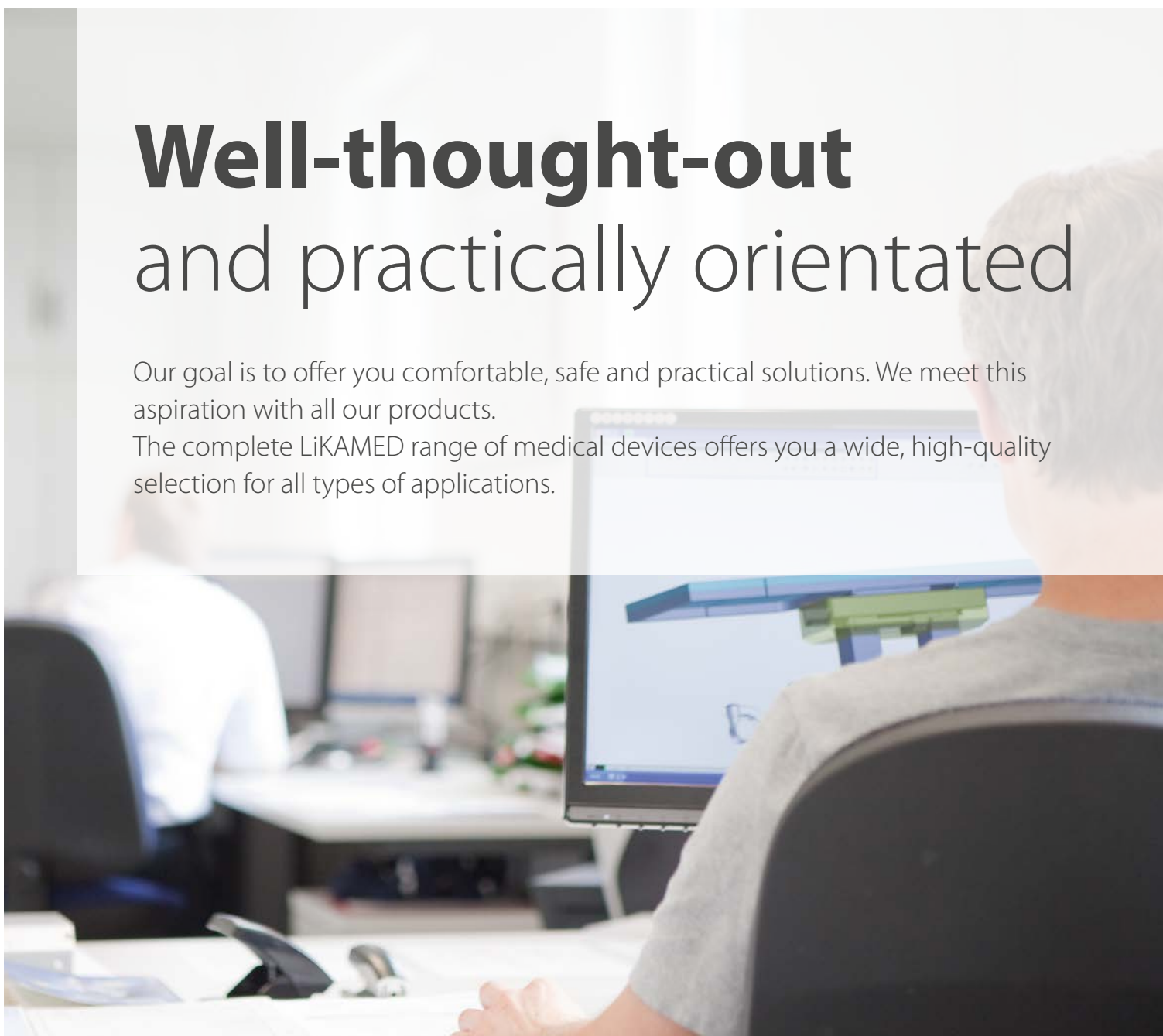
Universal stool HVS 1
Grey full foam seat part.

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

Well-thought-out and practically orientated

Our goal is to offer you comfortable, safe and practical 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 specialists for high-quality, practical therapy and treatment 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.

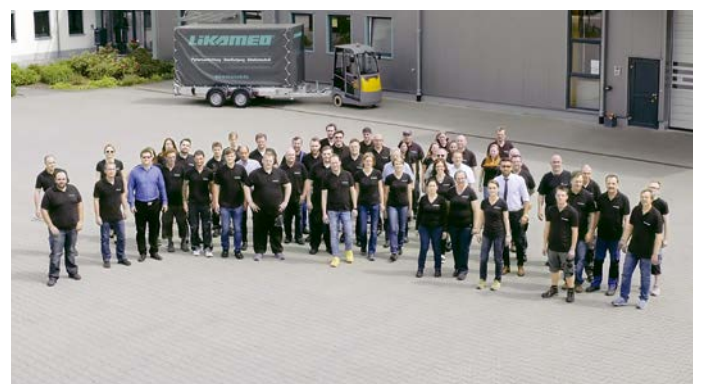
LiKAMED is certified



- 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



Our company video at likamed.de





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 check guarantee that the label "Made by LiKAMED" always stands for highest quality



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.



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