PRODUCT GUIDE 2023

SURGICAL CHAIRS & TABLES FOR EYE- & MICROSURGERY

ENJOY QUALITY AND DESIGN
“We build operating tables and surgical chairs for physicians and patients with a keen understanding of quality and outstanding comfort!”

Christian Scherrieble

“We develop products for the most brilliant machine there is – the human body.”

Jürgen Scherrieble
UFSK-OSYS has been developing highly specialized mobile treatment and surgeon’s chairs for ophthalmology for almost 30 years - in close cooperation with renowned ophthalmic surgeons. We believe in never losing sight of what really matters, while keeping a keen eye on the latest advances in medicine. Our core competency: the precise and safe positioning of both patient and surgeon for eye surgeries and microsurgical procedures in the head area. To address this challenge, we build tailor-made work platforms offering the latest in technical and functional sophistication while making your OR management super efficient.

The “Mobile Table Rotation” is our signature workflow concept designed to handle rapid surgery cycles with high patient turnover. This concept has been one of our international bestsellers for years, especially in the field of ophthalmology! Thanks to state-of-the-art materials and sophisticated technical details, our equipment is durable and easy to maneuver at the same time while helping to make your “surgical rotation schedules” efficient and back-friendly.

UFSK-OSYS treatment and surgeon’s chairs - “Made in Germany” - are used all over the world and are supported by a network of qualified UFSK-OSYS service partners around the globe.

We have good reason to be proud of this market presence, which is the fruit of our long-standing quality policy and customer-focused corporate philosophy. Whether in development, design and product approval or production, sales, logistics and after-sales - we believe in adding our own design contributions to all areas, and we believe in optimizing, communication and confidence building.

We believe that this is the way to create the best and most exciting products - the result of good cooperation and mutual inspiration!

Come and discover our latest ideas!
**Content**

### Surgeon’s chairs

- **premiumLine**
  - surgıForce
  - surgıForce light

- **performanceLine**
  - surgıTrend
  - surgıLine

### Assistant’s chairs

- **assistTrend
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- easyPro
- easyLine
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**Treatment chairs**

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**SURGICAL CHAIRS & TABLES**

UFSK-International OSYS GmbH - CONTENT
Core competence

Ophthalmology

For almost 30 years, UFSK-OSYS has been developing its products in close cooperation with internationally renowned ophthalmic surgeons, true to the motto: ‘Designed from the practice - for the practice’

exclusive mobile eye surgery and surgeon’s chairs. Considering the very high patient turnover in this medical field and the global use of our products, we want to offer our customers a service friendly technology designed to state-of-the-art quality standards.

Facts

Ophthalmic surgery

Every minute counts

Less and less time for more and more patients? Tight calculations and falling return on investment? Clinic-friendly rotation systems are a big help for cutting down on average surgery times because every minute counts.

Optimized workflow

While you are operating on a patient, another patient can be prepared while yet another patient can recuperate. Your patient never needs to leave his or her seat. With the simple push of a button, you can conveniently adjust the treatment chair into operating table position - comfort right from the start.

3 UFSK-OSYS operation chairs per OR on average.

30 cataract surgeries per day.

15,000 UFSK-OSYS operating systems worldwide.

4,000 UFSK-OSYS equipped operating rooms.

Well over

7,000,000 operating cycles on UFSK-OSYS operating systems per year.

Further medical specialties

I.V.I. treatment

Neurosurgery

Implantology

Dermatology

Oral surgery

ENT surgery

Aesthetic surgery

Plastic surgery

Hair transplantation

Microsurgery

Maxillofacial surgery

I.V.I. treatment

Neurosurgery

Implantology

Dermatology

Oral surgery

ENT surgery

Aesthetic surgery

Plastic surgery

Hair transplantation

Microsurgery

Maxillofacial surgery
Surgery according to the principle of rotation

Thanks to the mobility of UFSK-OSYS treatment chairs, patients can be pushed directly from the preparation room into the operating room – without having to get up. After surgery, patients can be taken to the recovery room on the same chair. This quickly frees up your operating theater for the next patient. What better guarantee for a high patient turnover - while saving you time and money!

1 Simple and Secure Access
The low access and sitting height support even physically handicapped patients while getting into the chair.

2 Innovative Patient Transport
The “intelligent” chassis ensures effortless patient transport even through narrow passages and on longer routes.

3 Preoperative Preparation
Headrest, backrest, seat surface and footrest are infinitely adjustable via electric motors – at the touch of a button – allowing you to immediately create the perfect surgery conditions for surgeon and patient alike – without losing unnecessary time.

4 The perfect Surgical Position
Utilizing the chair’s memory function, a surgeon can retrieve his or her ideal patient position at the push of a button. Total ergonomic design ensures outstanding comfort – before, during and after a procedure.

5 Enhanced Postoperative Relaxation
From the operating room directly to the wake up phase, allow your patients to start recuperating right away in an anatomically correct relaxation position which is initiated at the touch of a button – without need of first shifting or relocating the patient.

6 Comfortable and Convenient Exit
The chair automatically adjusts to the exit position allowing patients to depart easily and safely.
In constant search for perfection, we specify innovative details in our designs and functionality of our products. For even more

- Mobility
- Ease of use
- Comfort in seating and reclining
- Corporate healthcare

Our highlights

**Battery technology**
usage, independent from electricity supply - powerful and eco friendly

**e-drive**
The electronic pushing aid, easy patient transfer - without much effort!

**Sterile Controlling**
made easy - with pop-up operation, joystick or foot pedal rocker switch

**Steering-Guide function**
easy steering - without great effort!

**Memory-position and Auto-Run-function**
for frequently used treatment positions - time saving and useful

**“SES” Surface-Extensions-System**
For sliding the patient safely and comfortably into new positions
UFSK-OSYS Practical Intelligence

Design and production

Developing and manufacturing treatment and surgeon’s chairs of sophisticated and sustainable product quality has been our top priority for years. We believe in your ideas and suggestions as an excellent opportunity for continuously improving our products - to give you the best possible equipment to work with.

We design and build our products in small series for maximum quality monitoring and process control. Every single piece of equipment undergoes 100% check-out!

UFSK-OSYS manufactures more than “tables and chairs”. World-class medical and technical equipment. In premiumLine, performanceLine and functionalClass Quality.

Preventive technology

Reduced illness rate and improved productivity

We developed both our treatment chairs and tables and our surgeon’s chairs and assistant chairs based on empirical studies - especially for eye and micro surgery. When designing and engineering our products, we paid special attention to the physical strains caused by poor posture in daily work life. Our products make it so easy to prevent back and neck problems, intervertebral disc problems, or fatigue symptoms.

Patient-oriented perfection in every detail

- High-precision armrest systems with featherweight guidance for personalized positioning
- e-drive system
- Steering Guide
- Adequate seat inclination
- Lumbar support
- Lightweight chassis

Investment

Investing with foresight into the future

In 2020, we expanded our production facilities and capacities at the Regensburg site for the third time, thus creating the spatial and personnel resources for the sustained positive further development of our company. For even more efficiency and performance!
Quality monitoring

We define "quality" not only by the end product but in all processes, and we are dedicated to continuous improvement. We believe in supreme quality - both in our products and in our services - and we dare you to put us to the test! Our certified QM system meets the requirements of ISO 13485:2016, i.e. it meets the particular performance and safety criteria imposed for the development, manufacture and sale of medical devices.

Beyond complying with the technical product standards (DIN/EN/IEC) and legal conformity requirements (CE, FDA, etc.), we are living these quality standards. Both "before" and "after" a customer's purchase, UFSK-OSYS’s staff makes sure of giving the best possible support: best-possible choice of products, regulatory support, shipping, and after-sales service.

Modern logistics and International sales

Worldwide shipments - fast and reliable

Every year, we dispatch about 1,000 bulk deliveries and 2,000 packages - including urgently needed spare parts, medical accessories - as well as demo, replacement and rental equipment!

One of our guiding principles says that deliveries of goods and services in the medical sector cannot be delayed! Our contribution: well assorted and monitored spare parts management, fast response times plus air freight status as "known consignor". As part of the secure supply chain, our shipments are made in compliance with special security precautions and standards.

Urgent deliveries benefit from simplified and accelerated air freight handling processes - from dispatch to loading onto the aircraft - a time edge you will enjoy every time when ordering our medical equipment.
Communication as added value

We believe in long-term, fair and successful cooperation with our customers as our number-one priority governing all of our actions.

In addition to our know-how and long-standing experience, we believe especially in identifying your needs and expectations, and to make them a reality - in an exciting and exuberating joint effort. The secret of our success: keeping in touch and keeping up the dialogue.

UFSK-OSYS After-Sale

Service

We are connected to our customers 24/7 via our worldwide distributor network. Don’t hesitate to use our customer hotline and online support. We offer regular live webinars, especially for our distributors.

Come and visit us at international trade conferences or at our Regensburg training center.

“Big enough to be everywhere - small enough to stay in touch”
Our top model

As the fruit of our decades of experience in the field of ophthalmic and microsurgery, we have managed to design the absolute high-end, top quality model. Allow yourself to be swept away by the innovative materials, the visionary shapes, the elegant design and the sophisticated extra functions.

Set new standards in your operating room!

Come and discover the eyeForce, and be dazzled by its economy, effectiveness and quality. It is synonymous for top quality. Optionally equipped with our e-drive system, it is the only treatment chair in ophthalmic surgery business that comes with an automatic easy-push aid. It is the e-drive that moves, not the human!

Demand the best!

The “Preventive Technology” award reflects uncompromising lightweight construction, outstanding ergonomic operability, comfortable patient positioning and space-saving design. Back diseases of your operating theater staff are now a thing of the past. This is our contribution to effective health and safety in the workplace.

High end quality for ophthalmic surgery
The professional world is excited and has honored us with an award!

Our premiumLine eyeForce treatment chair was awarded the I-NOVO® Awards Tech Winner Innovation Prize - in recognition of the rational design and extremely high-quality workmanship. We feel honored by this recognition and award.

Item No.: 1800 0000 + 3316 0000
Item No.: 1800 0000

Our most innovative and modern patient positioning system with auto-run functions - specialized for precision surgery in head area. With optional e-drive easy-push aid. Steering Guide and SES automated extension system - for even more ergonomics and economy at your workplace.

Trendsetting comfort and supreme quality

**MED.TEC at its highest level**

**Double castors**

Four fully rotating double-run castors for back-friendly and easy rolling motion.

**Chassis**

Precision lightweight chassis made of cast aluminum.

**Frame**

Lasercut procedure. Highly stable stainless steel frames. Including standard rails 25 x 10 mm for the attachment of a wide range of components.
Precise positioning of the head part

**Headrest**

3D and longitudinally adjustable headrest element with head molding and neck support for guaranteed safe and correct positioning of the head.

**Components**

**Headrest with ball joint and more**

Discover additional features and extensive components on page 22-23.

**Sterile adjustment by surgeon/maximum legroom**

**Tilttable foot control**

Tilttable foot keypad via two 4-way joysticks plus activation switch allow sensitive and precise chair adjustment even after the surgeon is already steril. Pushing the pedal lip (by foot) will activate the electronic control and battery mode of the equipment.

**Item No.: 3351 1020**
Positioning

The eyeForce treatment chair is adapted for patient positioning and ergonomic and comfortable patient treatment, in particular for outpatient surgical techniques, and offers versatile adjustment of the head, back, seat and leg sections and overall chair height for patient transport.

- Five freely configurable memory positions
- Reset button
- Auto run function
- Battery charge indicator

Positioning by hand control

Hand control

Activate memory function/automatic movement

It is possible to save 5 MEMO positions: Set the desired position (hold down the MEMO key until the orange LED lights up). Then press the numeric key of a memory location for a MEMO position - the MEMO position is now saved.

Press and hold “AUTO” until the LED lights orange, then briefly tap on either 1, 2, 3, 4 or 5 to move to the desired position of the surgical bed.

All castors are braked (red)
**“Steering Guide” maneuvering aid**

**Operation via push handles and hand control**

The eye*Force* treatment chair offers an electronically controlled braking system with “Steering Guide” function. In addition to “free movement” and “brake applied” the treatment chair offers directional guidance as an additional electronic wheel positioning function. This additional function facilitates the controlled maneuvering of the chair by just one person and can be activated from both sides of the chair via the chair handles or optionally via the hand control.

Directional guidance is activated (orange)

Directional guidance is deactivated (green)

**Surface-Extensions-System “SES” positioning aid**

**Automated solution for patient positioning**

Both the backrest and the legrest segments automatically move 50 mm along with the patient when moving the chair into the reclined or entry position. The “SES” avoids patient repositioning, which would otherwise be necessary, by extending and flexing the individual segments. Returning the leg segment to the entry position reduces the entry height by an additional 50 mm.

**Retractable push handles**

Manually adjustable push handles on the foot end with automatic return function, for easy patient transfer.
e-force + e-drive

Powerful yet gentle.
e-drive system for effortless and rapid movement of the chair over long distances. The new optional system consists of a 5th wheel with drive motor. It serves as a pushing aid for easy forward and backward movement – with an extra range of 2 kilometers per battery charge. The system’s operation is identical to that of the “Steering Guide” system, via the respective push handles with potentiometer for infinite and precise speed adjustment. It is possible to integrate the system any time at a later date.

The electronic push-aid

Control over push handles

Push handle at the left head/foot end with a rocker switch for moving the treatment chair forward and back.

Push handle at the right head/foot end with a potentiometer for speed control.

Low-noise movement/trackless movement

By switching on the fifth electronically drive wheel in the chassis of the chair, the physical labor of the person doing the pushing is noticeably reduced.

- Shock-free transport
- Long-lived design
- Optimum floor contact
- Long range
The ease of pushing - How much force is needed to move 300 kg? - Zero.

Who would have thought this is possible?

This is how far your staff pushes a load of 300 kilograms per year:
- approximately 70 meters per surgery round
- up to 10,000 surgeries per year each

This results in up to 700 km per year!

More than 1,000 eyeForce with e-drive are already in use in eye clinics all over the world: up to 700,000 kilometers per year!

Push handles 2.0 - perfect interaction - top-of-the line mobility and ergonomics.

More legroom in the operating theater! Space-saving. Fold-down handles on the head end.

Solid, ergonomically shaped handles at optimized pushing height.
## Technical specifications

### Chassis

- Outside length 900 mm
- Outside width 662 mm
- Brake system acting on all four castors
- Directionally guided steering ("Steering Guide"), easily activated at the push of a button
- Castor diameter, electr. conductive Ø 150/100 mm
- Foot control element with joystick (total, head, back, Trendelenburg up/down)
- Emergency stop button
- Optional push-aid (e-drive)
- With equipotential bonding connection
- Abrasion-resistant corner guards (orange) made of synthetic rubber

### Trendelenburg / Reverse Trendelenburg

<table>
<thead>
<tr>
<th>Angle</th>
<th>Dimensions (L x W)</th>
</tr>
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<tbody>
<tr>
<td>Head part</td>
<td>-31°/+22°</td>
</tr>
<tr>
<td>Back part</td>
<td>0°/+75°</td>
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<tr>
<td>Seat part</td>
<td>-6°/+26°</td>
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<tr>
<td>Leg part</td>
<td>0°/-78°</td>
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<tr>
<td>Height adjustment</td>
<td>640 – 900 mm</td>
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<tr>
<td>Entry height</td>
<td></td>
</tr>
<tr>
<td>Legroom</td>
<td></td>
</tr>
<tr>
<td>Trendelenburg</td>
<td>-26° / Reverse Trendelenburg +6°</td>
</tr>
</tbody>
</table>

### Upper frame

- 4-part support frame (head, back, seat, leg part)
- Removable upholstery 40 mm
- Width of upholstery 650 mm
- Standard stainless steel side rails on both sides 25 x 10 mm
- Width incl. norm rails 700 mm
- Length 1,780 – 1,900 mm

### Height adjustment

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<tr>
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<tr>
<td>Entry height</td>
<td>580 mm</td>
</tr>
<tr>
<td>Legroom</td>
<td>470 – 730 mm</td>
</tr>
<tr>
<td>Trendelenburg</td>
<td>-26° / Reverse Trendelenburg +6°</td>
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</table>

### Electrical control

#### Manual keypad
- Memory controller with 10 buttons for head, back, seat, leg part – total up/down; 2 buttons for directionally guided steering, 1 button for electronic brake, 1 easy entry button, memory button, on-off button, auto-run function
- 5 freely programmable memory positions
- Visual battery level indicator

#### Foot control element
- Foot control element 2 joysticks plus activation switch
- Optional push-aid (e-drive)

#### Electric drives
- Head, back, seat, leg part, total up/down
- Trendelenburg / Reverse Trendelenburg
**Powerful accumulators**

- Power supply-independent battery unit with 2 batteries (lead-gel), pollution free, maintenance-free, cadmium-free
- Quick-exchange battery drawer replaceable without tools
- Universal battery charger
  
  **Input:** 100 – 240 V
  
  **Output:** 24 V

**Operating time per battery charge**

- Measured by operating circle (Prepare-Operate-Recover) 100 OPs
- Quantity of operating circles depends on individual operation

**Equipment protection**

**Cover drape stayClean**

2,000 x 730 mm, box à 160 Pieces
4 x 40 Pieces  

**Simple battery replacement**

An additional quick-exchange drawer (including batteries) allows you to quickly replace the rechargeable battery packs (back-up system **Item No.: 3339 0000**).

**Mains-free operation**

Easy recharging of the equipment thanks to charging adapter and integrated battery charger circuit board.

**Max. load**

250 kg

**Weight**

163 kg

Subject to technical modifications.

**Color card**

- **Standard color** anthracite  
  
  **Item No.: 3037 0052**

- **“Tundra skai”**  
  
  Page 102

- **“Pandoria Plus”**  
  
  Page 103
Components

Side parts right and left, 580 x 200 mm, incl. quick-release clamp for mounting on norm rail
Item No.: 3351 0050

Side rails right and left, swiveling incl. locking, upholstered
Item No.: 3102 0000

Anesthesia arm board with universal joint, incl. mounting clamp
Item No.: 3011 0000

Mounting clamp polished aluminium, with quick clamp lever for norm rail 25 x 10 mm, incl. locking device
Item No.: 3090 0000

Flexible surgical drape support rod (mounting clamp 3090 0000 not included)
Item No.: 3032 0000

Flexible surgical drape support rod, with air connection (mounting clamp 3090 0000 not included)
Item No.: 3033 0000

Hand control holder, PVC (mounting clamp 3090 0000 not included)
Item No.: 3018 0009

Hand control holder for attachment onto an I.V. Pole Ø 25 / 18 mm, PVC
Item No.: 3027 0006

Head part bumper stainless steel
Item No.: 3028 0000

e-eyeForce
Item No.: 1800 0000

Components
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<td>3209 0000</td>
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<tr>
<td>Wrist rest, adjustable, incl. mounting plate 3013 0000, adjustment 115 mm</td>
<td>3014 0000</td>
</tr>
<tr>
<td>Wrist rest, adjustable, tiltable, incl. mounting plate 3013 0000, adjustment 115 mm</td>
<td>3014 0005</td>
</tr>
<tr>
<td>Mounting plate stainless steel, for wrist rest 3014 0000, 3014 0005 and 3209 0000</td>
<td>3013 0000</td>
</tr>
<tr>
<td>Head fixation pillow with hollow (rubins pillow), 410 x 250 mm, height 100 mm, factory-fitted</td>
<td>3022 0000</td>
</tr>
<tr>
<td>Shoulder parts, right and left</td>
<td>3043 0000</td>
</tr>
<tr>
<td>Instrument table 500 x 300 x 15 mm, height adjustable, swiveling, detachable, incl. component arm</td>
<td>3065 0003</td>
</tr>
<tr>
<td>Component arm stainless steel, swiveling, incl. extendible IV Pole Ø 25 mm</td>
<td>3024 0000</td>
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<tr>
<td>Component arm stainless steel, not swiveling, incl. extendible IV Pole Ø 25 mm</td>
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<td>Wrist secure straps, pair</td>
<td>3015 0000</td>
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<td>Body strap with Velcro straps, 2-piece</td>
<td>3083 0000</td>
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<td>Foot protection foil</td>
<td>3328 0000</td>
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<td>Foot part extension, attachable, incl. norm rail</td>
<td>3351 0002</td>
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<td>Step</td>
<td>3351 0042</td>
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<td>Knee half roll, 600 x 280 x 140 mm, PUD-coated</td>
<td>3019 0000</td>
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<tr>
<td>Knee roll round, 500 x 150 mm, PUD-coated</td>
<td>3050 0000</td>
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<td>Upholstery incl. integrated knee roll, factory-fitted</td>
<td>3037 0266</td>
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<tr>
<td>Cylinder holder</td>
<td>3072 0001</td>
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<td>Instrument table supportLine height adjustable 730 – 985 mm</td>
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</tr>
<tr>
<td>Instrument table supportLine plus height adjustable 930 – 1.185 mm</td>
<td>3351 0045</td>
</tr>
<tr>
<td>Cover drape for treatment chair, stayClean 2,000 x 730 mm, box à 160 pieces</td>
<td>3034 0014</td>
</tr>
</tbody>
</table>
Our classic

It represents proven and time-tested technology in a modern design, it is deliberately low-tech, and it offers an extremely attractive price-performance ratio.

Its chief benefits include space-saving design and outstanding maneuverability coupled with a lean range of easy-to-manage functions.

Do you want flexible use in confined spaces with power-supply independent battery operation?

Then you should go for our classic: The 500 XLE or 500 XLE comfort, for optimal combination with our surgiLine and surgiTrend surgeon’s chairs.

**performanceLine** systems are designed for user satisfaction

Designed for continuous use in serially equipped operating rooms with high patient turnover, the **performanceLine** satisfies every user thanks to its easy handling before, during and after the surgery.

An award-winning "Preventive Technology", the **performanceLine** works hard to protect your surgical staff from back problems, thanks to its lightweight construction and easy maneuverability.

Less is more - more benefits
500 XLE

Item No.: 1500 0006

- Ophthalmic surgery
- Implantology
- Oral surgery
- Maxillofacial surgery
- ENT surgery
**500 XLE**

Item No.: 500 0006

The perfect reclining treatment chair for rotation systems in outpatient operating rooms.

**Powerful and agile**

**MED.TEC at its highest level**

- **Double castors**
  Four fully rotating double-run castors for back-friendly, easy rolling motion.

- **Chassis/frame**
  Precision steel frame chassis, zinc primed with anthracite textured paint coating.

- **Chassis cover/upholstery**
  The mirror-finish plastic cover panels with their scratch-resistant and impact-modified surface finish are extremely hygienic and easy to disinfect.
Precise positioning of the head part

**Headrest**

3D and longitudinally adjustable headrest element with head molding and neck support for guaranteed safe and correct head positioning.

**Components**

**Headrest with ball joint and more**

Discover additional features and extensive components on page 34-35.

*Item No.: 3351 1021*

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Sterile adjustment by surgeon/maximum legroom

**Flexible reaction by foot control**

Removable foot keypad for infinite electronic height and head adjustment including reactivation button from the stand-by mode.
The **500 XLE** treatment chair is designed for ergonomic and comfortable patient positioning and treatment, particularly for outpatient surgical techniques. It offers versatile adjustment of the head, back, seat and leg sections and overall chair height for patient transport.

- Eight freely programmable memory positions
- CPR button
- Reset button
- Auto run function
- Battery charge indicator

## Positioning by hand control

### Standard recommended memo keys

1. Transport
2. Anesthesia
3. Treatment/surgery 1
4. Treatment/surgery 2
5. Flat position

### Hand control

**Multi-functional manual keypad**

- Battery charge indicator
- Reset button
- CPR button
- Auto run function
- 8 free configurable memory positions

For additional desired Memo positions, the system features 3 additional numeric keys.
**Mechanical maneuvering aid on the chassis**

**Operation via foot lever on the chassis**
Activation of directional guidance

Pushing from the head direction

Pushing from the foot direction

**Braking system**

**Manually adjustable foot lever**
Castors are braked

Castors are released, directional guidance is deactivated

**Push handles**

Detachable push handles on the foot ends for easy maneuvering.

**Armrests**

Hinged and removeable armrests for easy entry and exit as well as transfer of the patient.

**Components**

Additional handles/shoulder parts and more

Discover additional features and extensive components on page 34-35.
Our 500 XLE with extra thick upholstery, integrated knee support cushion and flattened neck area - for extra reclining comfort.

**Outstanding comfort, particular flexibility.**

**Upholstery**

**Comfort**

Thick comfort upholstering and integrated knee support cushion, individually positionable to suit every patient’s body height. The treatment chair featuring comfort upholstery is particularly well suited for longer surgical procedures (e.g. retina surgery).

Available in a wide variety of colors. Please refer to page 100 for our complete range of colors.
Flexibility in every detail

Headrest

The flattened back cushion of the Comfort upholstery in the neck area offers maximum freedom of movement for the headrest.

Integrated knee support cushion

Optimum patient comfort thanks to the integrated knee support cushion which can be easily adjusted to accommodate any patient height.

An optional legrest extension can be attached when treating tall or very tall patients.

Components

Foot part extension

Adjustable foot part extension incl. foot support for easier entry and exit of the patient.

Besides, entry height is reduced by 80 mm.

Item No.: 3351 1028
Technical specifications

Chassis

- Frame profile 90 x 50 mm
- Outside length 785 mm
- Outside width incl. lever 720 mm
- Steel tube frame, powder-coated elegant anthracite matte finish
- Brake operable from both sides and acting on two castors each; two castors featuring independent directional steering function
- Double rimmed castors ø 125 mm
- Detachable foot keypad (total, head up/down)
- Emergency stop button
- Visible screws are made of stainless steel
- With equipotential bonding connection

Trendelenburg/Reverse Trendelenburg/CPR

Upper frame

- 4-part support frame (head, back, seat, leg part)
- Removeable upholstery
- Width of upholstery 610 mm
- Width incl. armrests 850 mm
- Length 1,760 – 1,900 mm (incl. legrest extension) * 190 mm

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<thead>
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<th>Angle</th>
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<tbody>
<tr>
<td>Head part</td>
<td>-29°/+35°</td>
</tr>
<tr>
<td>Back part</td>
<td>0°/+83°</td>
</tr>
<tr>
<td>Seat part</td>
<td>-5°/+35°</td>
</tr>
<tr>
<td>Leg part</td>
<td>0°/-77°</td>
</tr>
<tr>
<td>Height adjustment</td>
<td>625 – 925 mm (comfort) 665 – 955 mm</td>
</tr>
<tr>
<td>Armrests</td>
<td>0°/+180°</td>
</tr>
<tr>
<td>Entry height</td>
<td>(standard) 580 mm/500 mm (incl. legrest extension) (comfort) 610 mm/530 mm (incl. legrest extension)</td>
</tr>
<tr>
<td>Legroom</td>
<td>520 – 820 mm</td>
</tr>
<tr>
<td>Trendelenburg -12°/Reverse Trendelenburg +5°</td>
<td></td>
</tr>
</tbody>
</table>

Electrical control

- All components according to IP54
- Hand control with 8 individually programmable memory positions, auto run function, reset button
- Foot keypad with 4 foot switches and reactivation button

Electric Drives

- Head, back, seat, leg part, total up/down
- Trendelenburg/Reverse Trendelenburg

Lifting column

- Max. lifting 300 mm
- Max. load 250 kg
- Motors IP54 with HAL sensors, to be memorized

Height adjustment

- 5°
- 12°
- -83°
- -77°
**Powerful accumulators**

- Battery box with 2 batteries (lead-gel), pollution free, maintenance-free, cadmium-free 2x 12 V, 7,2 Ah
- As back-up-system exchangeable without tools
- Acoustic low voltage signal for discharge protection
- Universal battery charger
  - Input: 100 – 240 V
  - Output: 30 V

**Operating time per battery charge**

- Measured by operating circle (Prepare-Operate-Recover) 100 OPs
- Quantity of operating circles depends on individual operation

---

**Mains-free operation**

Easy recharging of the equipment thanks to charging adapter and integrated battery charger circuit board.

---

**Simple battery replacement**

Additional safety due to replaceable battery box (back-up system Item No.: 3047 0000). Discharged battery box can be replaced quickly.

---

**Further technical details**

- Chair has detachable, swiveling armrests made completely with PUR foam
- Detachable seat for service friendly access to electric components

Max load 250 kg
Weight 135 kg

Subject to technical modifications.

---

**Equipment protection**

**Cover drape stayClean**

2,000 x 730 mm, box à 160 Pieces
4 x 40 Pieces

- Item No.: 3034 0014
- Page 64

---

**Color card**

- Standard color
  - 500 XL anthracite Item No.: 3037 0052
  - 500 XLE comfort anthracite (main color) + chrome (accent color) Item No.: 3037 0092

- “Tundra skai” Page 102
- “Pandoria Plus” Page 103
Components

500 XLE
Item No.: 1500 0006

Headrest with ball joint, 360° all-round adjustment, factory-fitted
Item No.: 3351 1021

Side parts right and left, swiveling incl. locking, upholstered, 580 x 200 mm
Item No.: 3351 0047

Norm rail seat part
Item No.: 3351 0047

Side parts right and left, 580 x 200 mm, incl. quick-release clamp for mounting on norm rail (norm rail 3351 0047 not included)
Item No.: 3351 0050

Backup battery
Item No.: 3047 0000

Pushing handles back part, pair
Item No.: 3351 0046

Pushing handles back part, pair
Item No.: 3351 0017

Anesthesia arm board with universal joint, with arm secure straps
Item No.: 3351 0011

Flexible surgical drape support rod
Item No.: 3205 0000

Flexible surgical drape support rod with air connection
Item No.: 3206 0000

Hand control holder for attachment onto an I.V. Pole Ø 25/18 mm, PVC
Item No.: 3351 1022

Hand control holder, PVC (component holder 3351 0037 not included)
Item No.: 3351 1023

500 XLE comfort
Comfort upholstery incl. integrated knee roll, upcharge
Item No.: 1500 0006 + 3037 0080

Headrest with ball joint, 360° all-round adjustment, factory-fitted
Item No.: 3351 1021

Side parts right and left, swiveling incl. locking, upholstered, 580 x 200 mm
Item No.: 3351 0047

Norm rail seat part
Item No.: 3351 0047

Side parts right and left, 580 x 200 mm, incl. quick-release clamp for mounting on norm rail (norm rail 3351 0047 not included)
Item No.: 3351 0050

Backup battery
Item No.: 3047 0000

Pushing handles back part, pair
Item No.: 3351 0046

Pushing handles back part, pair
Item No.: 3351 0017

Anesthesia arm board with universal joint, with arm secure straps
Item No.: 3351 0011

Flexible surgical drape support rod
Item No.: 3205 0000

Flexible surgical drape support rod with air connection
Item No.: 3206 0000

Hand control holder for attachment onto an I.V. Pole Ø 25/18 mm, PVC
Item No.: 3351 1022

Hand control holder, PVC (component holder 3351 0037 not included)
Item No.: 3351 1023
Wrist rest 550 x 370 mm, height adjustable, incl. mounting plate, adjustment 115 mm
Item No.: 3209 0000

Head part bumper stainless steel
Item No.: 3028 0000

Wrist rest, adjustable, incl. mounting plate 3013 0000, adjustment 115 mm
Item No.: 3014 0000

Wrist rest, adjustable, tiltable, incl. mounting plate 3014 0005, adjustment 115 mm
Item No.: 3014 0005

Mounting plate stainless steel, for wrist rest 3014 0000, 3014 0005 and 3209 0000
Item No.: 3013 0000

Head fixation pillow with hollow (rubins pillow), 410 x 250 mm, height 100 mm, factory-fitted
Item No.: 3022 0000

Facial pillow, horseshoe-shaped, incl. adapter plate, factory-fitted
Item No.: 3351 1016

Instrument table 500 x 300 x 15 mm, height adjustable, swiveling, detachable, incl. adapter (component holder 3351 0037 not included)
Item No.: 3065 0000

Shoulder parts right and left 500 XLE
Item No.: 3071 0000

500 XLE comfort
Item No.: 3071 0001

Knee half roll, 600 x 280 x 140 mm, PUD-coated
Item No.: 3019 0000

Knee roll round, 500 x 150 mm, PUD-coated
Item No.: 3050 0000

Wrist secure straps, pair
Item No.: 3015 0000

Body strap with Velcro straps, 2-piece
Item No.: 3083 0000

Foot part extension incl. foot support, factory-fitted, upcharge
Item No.: 3351 1028

Foot protection foil
Item No.: 3092 0001

I.V. Pole stainless steel Ø 25/18 mm, one-hand height adjustable, 1,070 – 1,660 mm, 4 hooks, max. 2 kg/hook, glass and holder (component holder 3351 0037 not included)
Item No.: 3068 0000

Component arm stainless steel, swiveling, incl. extendible I.V. Pole Ø 25 mm
Item No.: 3024 0014

Component holder, stainless steel
Item No.: 3351 0037

Cylinder holder
Item No.: 3072 0002

Instrument table supportLine height adjustable 730 – 985 mm
Item No.: 3351 0028

supportLine plus height adjustable 930 – 1,185 mm
Item No.: 3351 0045

Cover drape for treatment chair, stayClean 2,000 x 730 mm, box á 160 pieces
Item No.: 3034 0014
What procedures will you perform?

Excellent functionality at minimum cost for successful outcomes in the operating room. Mobile options for use in any size facility. Keep patient care number one on your priority list.

**500 XLS - essential tool in oral and maxillofacial surgery**

It has never been so simple to adapt new technology in your daily workflow.
- Multifunctional horseshoe shaped headrest element featuring two-dimensional and longitudinal adjustment
- Power supply-independent battery box with integrated emergency stop button

**500 ECO - ideal for I.V.I. treatments**

Basic budget friendly treatment chair for walk-in OR concepts and Intravitreal Injection (I.V.I.) treatments.
- JUST WALK-IN OR: in 5-6 seconds in OR-Position
- Direct power connection

**400 XL - highly functional basic foot hydraulic treatment table**

This entry-level model is based on a rugged and easy-to-use technology. Its function is independent of batteries to keep procurement costs low on the one hand and ensures a long service life on the other hand.
- Comfortable three-piece cover surface
- Can be used in any location
**500 ECO**

Item No.: 1500 0008

- Implantology
- Oral surgery
- Maxillofacial surgery

**400 XL**

Item No.: 1400 0001

- I.V.I. treatment
- Ophthalmic surgery

- Dermatology

- Aesthetic surgery
- Plastic surgery
- Hair transplantation

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**SURGICAL CHAIRS & TABLES**

**TREATMENT CHAIRS / functionalClass**
Perfect for oral and maxillo-facial surgery treatments, with multifunctional horseshoe-shaped headrest element. For comfortable patient positioning for applications and treatments requiring prone patient positioning.

Our specialist for ENT treatment

Positioning

Standard recommended memo keys

1. Transport
2. Anesthesia
3. Treatment/surgery 1
4. Flat position
Precise positioning of the head part

Headrest

Multifunctional headrest element featuring two-dimensional and longitudinal adjustment. Horseshoe shape also allows treatments in prone position.

Positioning by hand control

Multi-functional manual keypad

- Battery charge indicator
- Reset button
- CPR button
- Auto run function
- 8 free configurable memory positions

Braking system

Mechanical. Easy to handle.

Rugged moving gear featuring 2 central braking steering castors and 2 rigid castors for high stability combined with easy maneuverability.

Positioning by foot control

Removable foot keypad

for back, seat and height adjustment, including on-off button, 3 memory positions, and a reset key.
Technical specifications

**Chassis**

- Frame profile: 60 x 30 mm
- Length chassis incl. lever: 1,020 mm
- Width chassis outside: 710 mm
- Outside width incl. arm rests: 830 mm
- White paint finish
- Central brake, operable from both sides
- 2 pcs. double castors: Ø 100 mm
- 2 pcs. rigid castors: Ø 150 mm
- Foot keypad, removable (for overall/back part/seat adjustment; reset button; auto-run function; 3 memory positions)
- Emergency stop button
- With equipotential bonding connection

**Upper frame**

- 4-part support frame (head, back, seat, leg part)
- Length: 1,930 – 2,160 mm
- Width of upholstery: 610 mm
- Entry height: 580 mm
- Removeable upholstery

**Dimensions (L x W)**

- Head part: 0°/±180° 275 x 280 mm
- Back part: 0°/±84° 610 x 610 mm
- Seat part: -3°/±32° 510 x 600 mm
- Leg part: 0°/±70° 490 x 525 mm
- Height adjustment: 0°/±180° 580 – 860 mm
- Armrests: 0°/±180° 455 x 75 mm

**Electric control**

- All components according to IP54
- Hand control with 8 individually programmable memory positions, auto run function, reset button
- Foot keypad

**Electric Drives**

- Back, seat, leg part, total up/down
- Shock position

**Lifting column**

- Max. lifting: 280 mm
- Max. load: 200 kg
- Motors IP54 with HAL sensors, to be memorized

**Seat part**

**Back part/leg part**

**Height adjustment**
Powerful accumulators

• Battery box with 2 batteries (lead-gel), pollution free, maintenance-free, cadmium-free 2 x 12 V, 7.2 Ah
• As back-up-system exchangeable without tools
• Acoustic low voltage signal for discharge protection
• Universal battery charger  
  Input: 100 – 240 V  
  Output: 30 V

Operating time per battery charge
• Measured by operating circle (Prepare-Operate-Recover) 100 OPs
• Quantity of operating circles depends on individual operation

Further technical details

• Chair has detachable, swiveling armrests made completely with PUR foam
• All touchable metal parts are grounded
• Detachable seat for service friendly access to electric components

Max. load 200 kg  
Weight 100 kg

Subject to technical modifications.

Mains-free operation

Easy recharging of the equipment thanks to charging adapter and integrated battery charger circuit board.

Equipment protection

Cover drape stayClean
2,000 x 730 mm, box á 160 Pieces  
4 x 40 Pieces  
Item No.: 3034 0014

Color card

Standard color  anthracite  Item No.: 3037 0052

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Page 102

“Pandoria Plus”  
Page 103

Simple battery replacement

Extra security thanks to exchangeable battery box. Easy replacement of discharged battery boxes.
**Components**

500 XLS
Item No.: 1500 0005

I.V. Pole stainless steel
Ø 25/18 mm, one-hand height adjustable
1,070 – 1,660 mm, 4 hooks, max. 2 kg/hook, glass and holder (component holder 3351 0037 not included)
Item No.: 3068 0000

Backup battery
Item No.: 3047 0000
Hand control holder, PVC (component holder 3351 0037 not included)
Item No.: 3351 1023

Hand control holder for attachment onto an I.V. Pole Ø 25/18 mm, PVC
Item No.: 3351 1022

Inlay head pillow
Item No.: 3325 0000

Anesthesia arm board with universal joint, with wrist secure straps
Item No.: 3078 0000

Norm rail 300 mm, seat part
Item No.: 3321 0000

Norm rail, back part
Item No.: 3320 0000

Hand control holder for attachment onto an I.V. Pole Ø 25/18 mm, PVC
Item No.: 3351 1022

Inlay head pillow
Item No.: 3325 0000

Anesthesia arm board with universal joint, with wrist secure straps
Item No.: 3078 0000

Norm rail 300 mm, seat part
Item No.: 3321 0000

Norm rail, back part
Item No.: 3320 0000

Component arm stainless steel, swiveling, incl. extendible I.V. Pole Ø 25 mm
Item No.: 3024 0014

Component holder, stainless steel
Item No.: 3351 0037

Pushing handles, pair
Item No.: 3069 0000

Flexible surgical drape support rod with air connection, incl. norm rail and mounting clamp
Item No.: 3351 0009

Flexible surgical drape support rod, height adjustable 730–985 mm
Item No.: 3351 0028

Instrument table supportLine plus height adjustable 930–1,185 mm
Item No.: 3351 0045

Cover drape for treatment chair, stay Clean 2,000 x 730 mm, box á 160 pieces
Item No.: 3034 0014

Trapeze cushion, wedge, for back/seat part
Item No.: 3022 0005

Knee half roll, 600 x 280 x 140 mm, PUD-coated
Item No.: 3019 0000

Knee roll round, 500 x 150 mm, PUD-coated
Item No.: 3050 0000

Wrist secure straps, pair
Item No.: 3015 0000

Body strap with Velcro straps, 2-piece
Item No.: 3083 0000

Side rails right and left, swiveling incl. locking, upholstered
Item No.: 3351 1036

Foot protection foil
Item No.: 3326 0000

Knee roll round, 500 x 150 mm, PUD-coated
Item No.: 3050 0000

Wrist secure straps, pair
Item No.: 3015 0000

Body strap with Velcro straps, 2-piece
Item No.: 3083 0000

Side rails right and left, swiveling incl. locking, upholstered
Item No.: 3351 1036

Foot protection foil
Item No.: 3326 0000

Flexible surgical drape support rod, incl. norm rail and mounting clamp
Item No.: 3351 0009

Flexible surgical drape support rod, height adjustable 730–985 mm
Item No.: 3351 0028

Instrument table supportLine plus height adjustable 930–1,185 mm
Item No.: 3351 0045

Cover drape for treatment chair, stay Clean 2,000 x 730 mm, box á 160 pieces
Item No.: 3034 0014
Perfect for I.V.I. treatments. Direct power connection and the integrated power supply unit enable the more powerful operation with high adjustment speed.

**Out of the box solution**

**Positioning**

Efficient, comfortable and fast!

Entering

Patient positioning

Surgery position

5 – 6 SEC IN OR-POSITION
**Sturdy base with mono lifting column**

Stability / maneuvering aid

Sturdy stand with three extendable castors combines high stability with simple maneuvering aid (in the event of a change of a location).

**Precise positioning of the head part**

Headrest

Mechanical adjustment options for comfortable and fine-tuned positioning of the patient’s head, adapted to his individual body dimensions.

**Positioning by hand control**

Multi-functional manual keypad

- Reset button
- CPR button
- AUTO
- Auto run function
- MEMORY
- 8 free configurable memory positions

**Positioning by foot control**

Optional: foot switch

For 2 memory positions (M1/M2)  
item No.: 3351 1029
Technical specifications

Chassis

• Outside length 910 mm
• Outside width incl. foot pedal 600 mm
• Outside width incl. arm rests 845 mm
• White paint finish
• 2 pcs. double castors ø 100 mm
• 2 pcs. rigid castors ø 35 mm
• Optional: foot keypad (2 memory positions, M1/M2)

Upper frame

• 4-part support frame (head, back, seat, leg part)
• Length 1,950 – 2,230 mm
• Width of upholstery 600 mm
• Entry height 550 mm
• Removeable upholstery

<table>
<thead>
<tr>
<th>Angle</th>
<th>Dimensions (L x W)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Head part</td>
<td>-27°/+180°</td>
</tr>
<tr>
<td>Back part</td>
<td>-23°/+85°</td>
</tr>
<tr>
<td>Seat part</td>
<td>-3°/+28°</td>
</tr>
<tr>
<td>Leg part</td>
<td>0°/-75°</td>
</tr>
<tr>
<td>Height adjustment</td>
<td></td>
</tr>
<tr>
<td>Armrests</td>
<td>0°/+180°</td>
</tr>
<tr>
<td>Legroom surgeon</td>
<td></td>
</tr>
<tr>
<td>CPR/flatposition</td>
<td>(height back part) 600 mm</td>
</tr>
</tbody>
</table>

Electrical control

• All components according to IP54
• Hand control with 8 individually programmable memory positions, auto run function, reset button
• Foot keypad (optional)

Electric Drives

• Back, seat, leg part, total up/down

Lifting column

• Max. lifting 275 mm
• Max. load 240 kg
• Motors IPX4 with HAL sensors, to be memorized

Seat part/CPR

Back part/leg part

Height adjustment/legroom
Application example

assistTrend
+ armrest pair

Item No.: 2500 0002
+ Item No.: 3300 0000

500 ECO

Item No.: 1500 0008

Further technical details

• Chair has detachable, swiveling armrests made completely with PUR foam
• Detachable seat for service friendly access to electric components

Max. load  240 kg
Weight  90 kg

Subject to technical modifications.

Equipment protection

Paper rolls stayClean roll
White embossed, 2-ply, 50 cm x 50 m
Carton à 9 pieces
Item No.: 3034 0021
Page 67

Upholstery/color card

Standard color
anthracite (main color)
+ chrome (accent color)
Item No.: 3037 0092

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Page 102

“Pandoria Plus”
Page 103
Components

500 ECO
Item No.: 1500 0008

Multifunctional headrest
Item No.: 3351 1034
Item No.: 3351 1029
Foot keypad to activate the two free configurable memory positions 1 and 2 of hand control.

Item No.: 3351 1031
Paper roll holder

Item No.: 3034 0021
stayClean roll
Paper rolls, white embossed, 2-ply, 50 cm x 50 m, carton á 9 pieces

Item No.: 3351 1033
Component mounting support, powder coated with component holder stainless steel

Item No.: 3351 0037
Component holder, stainless steel (component mounting support 3351 1033 not included)

Item No.: 3024 0014
Hand control holder, PVC (component mounting support 3351 1033 not included)

Item No.: 3351 1022
I.V. Pole stainless steel Ø 25/18 mm, one-hand height adjustable 1.070 – 1.660 mm, 4 hooks, max. 2 kg/hook, glass and holder (component mounting support 3351 1033 and component holder not included) Item No.: 3068 0000

Item No.: 3351 1036
Hand control holder for attachment onto an I.V. Pole Ø 25/18 mm: PVC

Item No.: 3078 0000
Anesthesia arm board with universal joint, with wrist secure straps

Item No.: 3321 0000
Norm rail 300 mm, seat part

Item No.: 3326 0000
Foot protection foil

Item No.: 3022 0005
Trapeze cushion, wedge, for back/seat part

Item No.: 3050 0000
Knee roll round, 500 x 150 mm, PUD-coated

Item No.: 3019 0000
Knee half roll, 600 x 280 x 140 mm, PUD-coated

Item No.: 3083 0000
Body strap with Velcro straps, 2-piece

Item No.: 3325 0000
Inlay head pillow

Item No.: 3351 0026
Instrument table supportLine height adjustable 730 – 985 mm

Item No.: 3351 0045
Instrument table supportLine plus height adjustable 930 – 1.185 mm
400 XL

Item No.: 1400 0001

Highly functional, basic hydraulic treatment table. The great freedom of movement and ample legroom for optimum access to the patients. The 400 XL treatment table can be rotated by 360 degrees to also allow even lateral movements. Our entry-level model is based on a rugged and easy-to-use technology. In contrast to our electromechanical models, its function is independent of batteries. This keeps procurement costs low on the one hand and ensures a long service life on the other hand.

Designed for optimized function

Chassis

Gentle and stable hydraulic system for patient positioning. Foot pedal for hydraulic adjustment of head, back, leg part and overall up/down adjustment – guaranteed to last.

Double castors

Large double castors for easy moving and maneuvering by one person, even in confined spaces. Effortless directional stability - direction-setting castor, manually adjustable via foot pedal. Central foot brake acting on 4 castors.

Headrest

3D and longitudinally adjustable headpart with head molding and neck support for guaranteed safe and correct positioning of the head.
**General**

- Comfortable three-piece cover surface
- Wide and comfortable upholstery in anthracite
- Low entry height
- Suitable even for very tall patients

**Technical specifications**

**Chassis**
- Frame profile 50 x 50 mm
- Outside length 1,530 mm
- Outside width 750 mm
- Castor, electrically conductive ø 150 mm

**Lifting column**
- Foot hydraulic
- Height adjustment min./max. 650/1,030 mm
- Max. lifting force 2,000 N
- Leg part lifting force 1,500 N
- Back part lifting force 1,200 N
- Head part lifting force 500 N
- Operating pressure 120 bar
- Hydraulic oil, DTE 10 EXCEL 32 approx. 0.7 liter

**Upper frame**
- 3-part support frame (head, back, leg part)
- Upholstery 80 mm
- Length 1,930 – 2,060 mm
- Width 700 mm
- Head part angle adjustment -28°/+21°
- Back part angle adjustment -13°/+58°
- Leg part angle adjustment 0°/+13°
- Trendelenburg -13°
- Height adjustment range 380 mm
- Standard stainless steel side rails, both sides 25 x 10 mm
- Entry height 650 mm
- Legroom surgeon 500 – 880 mm

**Max. load**
- 175 kg

**Weight**
- 140 kg

Subject to technical modifications.

**Technical dimensions**

**Trendelenburg**

**Back part**

**Height adjustment**
**Components**

*400 XL*

Item No.: 1400 0001

---

**Color card**

**Standard color**

- anthracite  
  Item No.: 3037 0052

**“Tundra skai”**  
Page 102

**“Pandoria Plus”**  
Page 103
<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3011 0000</td>
<td>Anesthesia arm board with universal joint, incl. mounting clamp</td>
</tr>
<tr>
<td>3028 0000</td>
<td>Wrist rest 550 x 370 mm, height adjustable, incl. mounting plate, adjustment 115 mm</td>
</tr>
<tr>
<td>3083 0000</td>
<td>Body strap with Velcro straps, 2-piece</td>
</tr>
<tr>
<td>3026 0000</td>
<td>Mounting clamp stainless steel</td>
</tr>
<tr>
<td>3033 0000</td>
<td>Flexible surgical drape support rod, with air connection (mounting clamp 3090 0000 not included)</td>
</tr>
<tr>
<td>3090 0000</td>
<td>Instrument table support Line plus height adjustable 930 – 1185 mm</td>
</tr>
<tr>
<td>3013 0000</td>
<td>Instrument table support Line height adjustable 730 – 985 mm</td>
</tr>
<tr>
<td>3014 0005</td>
<td>Wrist rest, adjustable, tiltable, for wrist rest 3014 0000, 3014 0005 and 3009 0000</td>
</tr>
<tr>
<td>3019 0000</td>
<td>Knee half roll, 600 x 140 mm, PUD-coated</td>
</tr>
<tr>
<td>3050 0000</td>
<td>Knee roll round, 500 x 150 mm, PUD-coated</td>
</tr>
<tr>
<td>3015 0000</td>
<td>Wrist secure straps, pair</td>
</tr>
<tr>
<td>3022 0000</td>
<td>Head fixation pillow with hollow (rubins pillow), 410 x 250 mm, height 100 mm, factory-fitted</td>
</tr>
<tr>
<td>3014 0000</td>
<td>Wrist rest, adjustable, incl. mounting plate 3013 0000, adjustment 115 mm</td>
</tr>
<tr>
<td>3209 0000</td>
<td>Head part bumper stainless steel</td>
</tr>
<tr>
<td>3208 0000</td>
<td>Head part bumper stainless steel</td>
</tr>
<tr>
<td>3090 0000</td>
<td>Mounting clamp polished aluminium, with quick clamp lever for norm rail 25 x 10 mm, incl. locking device</td>
</tr>
<tr>
<td>3084 0000</td>
<td>Instrument table support Line height adjustable 730 – 985 mm</td>
</tr>
</tbody>
</table>
The ergonomic transport and relaxing chair for extra patient comfort and wellness flair.

With many practical details for patients and caregivers: Low entry height, synchronously adjustable resting position, comfortable bolster and lumbar support, comfortable push handles and hanging basket for patient property.

Maximum patient comfort

**Headrest**
Flexible, height-adjustable neck support cushion for enhanced patient comfort.

**Double castors**
Infinitely adjustable back, leg part and seat adjustment via gas pressure spring with foot release. Castor brakes on the left and right 360-degree rotating castors hold the chair safely in place.

**Insert basket**
Practical storage basket for patient medical records and belongings.
Armrests

Hinged and removable armrests for easy entry and exit as well as transfer of the patient.

Push handles

Ergonomically shaped, durable, non-sliding rubber grips.

Technical specifications

Chassis

- Laser frame profile: 5 mm
- Chassis length: 1,000 mm
- Width incl. wheels: 650 mm
- Width incl. armrest: 680 mm
- Wheel/castors diameter: ø 300/125 mm

Max. load: 135 kg
Weight: 56 kg

Subject to technical modifications.

Lifting column

<table>
<thead>
<tr>
<th>Angle</th>
<th>Dimensions (L x W)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Back part</td>
<td>+80°</td>
</tr>
<tr>
<td>Seat part</td>
<td>+30°</td>
</tr>
<tr>
<td>Leg part</td>
<td>-82°</td>
</tr>
<tr>
<td>Upholstery height</td>
<td>50/90 mm</td>
</tr>
<tr>
<td>Total length</td>
<td>1,750 mm</td>
</tr>
<tr>
<td>Armrests</td>
<td>0°/180°</td>
</tr>
<tr>
<td>Entry height</td>
<td></td>
</tr>
<tr>
<td>Chair height max.</td>
<td></td>
</tr>
</tbody>
</table>

Standard color

anthracite  Item No.: 3037 0052

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Technical dimensions

Back part/leg part

-80°

+30°
Patient transfer and resting position made even easier.

The ergonomically designed transport and relaxing chair for maximum patient comfort. All the benefits of our motionLine model in combination with an electrically assisted position control – with a handy, cable-connected remote control.

Electronically adjustable

Battery box
Easy recharging of the equipment thanks to charging adapter and integrated battery charger circuit board. Extra security thanks to exchangeable battery box. Easy replacement of discharged battery boxes.

Hand control
Synchronized back, leg part and seat adjustment – made simple and comfortable by the hand control.

Functions
- Synchronized back and leg part angle adjustment
- Seat angle adjustment
- Auto run function chair position
- Auto run function shock position
### Technical specifications

**Chassis**
- Laser frame profile: 5 mm
- Chassis length: 1,000 mm
- Width incl. wheels: 650 mm
- Width incl. armrest: 680 mm
- Wheel/castor diameter: ø 300/125 mm
- Emergency stop button

**Lifting column**
- Electronic control system per hand control
- Synchronized back-/legrest and seat adjustment

<table>
<thead>
<tr>
<th>Angle</th>
<th>Dimensions (L x W)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Back part</td>
<td>+80°</td>
</tr>
<tr>
<td>Seat part</td>
<td>+30°</td>
</tr>
<tr>
<td>Leg part</td>
<td>-82°</td>
</tr>
<tr>
<td>Upholstery Height</td>
<td></td>
</tr>
<tr>
<td>Total length</td>
<td></td>
</tr>
<tr>
<td>Armrests</td>
<td>0°/+180°</td>
</tr>
<tr>
<td>Entry height</td>
<td></td>
</tr>
<tr>
<td>Chair height max.</td>
<td></td>
</tr>
</tbody>
</table>

### Technical dimensions

**Back part/leg part**

- **Battery unit**
  - Battery box with 2 batteries (lead-gel), pollution free, maintenance-free, cadmium-free: 2 x 12 V, 7.2 Ah
  - Universal battery charger: Input: 100 – 240 V, Output: 30 V
- Max. load: 135 kg
- Weight: 64 kg
- Subject to technical modifications.

**Standard color**
- anthracite: **Item No.**: 3037 0052
- “Tundra skai”
  - Page 102
- “Pandoria Plus”
  - Page 103

---

**Armrests**

Hinged and removable armrests for easy entry and exit as well as transfer of the patient.

**Push handles**

Ergonomically shaped, durable, non-sliding rubber grips.
Components

Backup battery, motionLine-E
Item No.: 3047 0000

IV Pole stainless steel
Ø 25/18 mm, one-hand height adjustable 1,070 – 1,660 mm, 4 hooks, max. 2 kg/hook, glass and holder (adapter 3082 0000 not included)
Item No.: 3068 0000

Instrument table
300 x 200 x 13 mm, swiveling, detachable, incl. adapter
Item No.: 3329 0000

Adapter
Item No.: 3082 0000

Foot protection foil
Item No.: 3319 0000

---

motionLine
Item No.: 1700 0000

motionLine-E
Item No.: 1700 0001

Instrument table
300 x 200 x 13 mm, swiveling, detachable, incl. adapter
Item No.: 3329 0000
The supportLine mobile instrument table is designed to be an ergonomic aid to supplement treatment and surgeon’s chairs.

The practical little helpers

The perfect addition for your OR

Pneumatic spring technology/foot pedal

The integrated pneumatic spring technology enables the instrument tray to be stopped and positioned smoothly at a suitable working height for the surgeon. Infinitely variable height adjustment via foot pedal.

Technical specifications

<table>
<thead>
<tr>
<th>Chassis</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>• Footprint</td>
<td>680 x 400 mm</td>
</tr>
<tr>
<td>• 4 castors</td>
<td>ø 50 mm</td>
</tr>
</tbody>
</table>

Lifting column

| • Height adjustment | 730 – 985 mm |

Stainless steel tray

| • Height adjustment | 660 x 540 mm |

Upper frame

| • Height adjustment | 715 x 540 mm |

Weight

| Max. load | 17.5 kg |

| Max. load | 10 kg |

Subject to technical modifications.
The supportLine’s maneuverability, optimised stability and resistance to tipping, its stainless steel design for the user’s operating area and its hard-wearing, hygienic surfaces are designed specifically for versatile use in the operating room. The supportLine plus mobile instrument table is a 20 cm higher version.

### Technical specifications

**Chassis**
- Footprint: 680 x 400 mm
- 4 castors: ø 50 mm

**Lifting column**
- Height adjustment: 930 – 1,185 mm

**Stainless steel tray**
- 660 x 540 mm

**Upper frame**
- 715 x 540 mm

**Weight**
- 175 kg

**Max. load**
- 10 kg

Subject to technical modifications.

### Tray

The removable, high-quality stainless steel tray is heat-resistant, easy to clean and disinfect and offers plenty of space for holding surgical instruments with an area of 66 x 54 cm.

### Push handle/double castors

Its wide push handle and maneuverable double castors make the supportLine easy to position.
The UFSK-OSYS hygiene supplies. Efficient equipment protection - recommended by the manufacturer, because we know best what suits our products.

Cover drapes

stayClean

Item No.: 3034 0014

Application example 500 XLE
Preventive Disposables

The **UFSK-OSYS** hygiene supplies protect and preserve the patient, the user and also the surgical equipment.

**Paper roll**

**stayClean roll**

Item No.: 3034 0021

Application example 500 **ECO**
Treatment chairs – ready for the next patient in no time. Perfect fit.

Equipment protection – cover drapes for treatment chairs

Perfect protection of the equipment

- Protection against corrosion
- Perfect-fit synthetic equipment protection including barrier function
- Minimized soiling of the upholstery
- With integrated headrest hood
- “Two layer” composite material made from PE film (underside) and PP non-woven flocking

Hygienic protection for the patient

- Disposable product, hygienically packed
- Pleasant soft feel
- Absorbent and tear-resistant
- Impermeable to liquids and waterproof
The functional disposable cover drape

Advantages

- Easy replacement of used drapes
- No sliding thanks to the hood
- Enormous time savings
- Low purchasing costs

Application example 500 XLE

Application

4 in 1 box
The new dispenser boxes are space-saving and fit on every surgery warehouse shelf.
4 x 40 pieces
The stayClean roll tear-off cloths protect your treatment chairs and tables perfectly and quickly ensure hygiene. The perforated cellulose patient pads are particularly user-friendly as they can be easily unrolled and torn off, allowing controlled consumption.

**Example of use**

- 500 ECO
  - Paper roll holder
  - stayClean roll

**Item No.: 1500 0008**

**Item No.: 3351 1031**

**Item No.: 3034 0021**

The practical disposable cloth from the roll

Perfect protection of the devices and practical hygiene protection for patients

- Thanks to its short perforation, the stayClean roll is suitable for all common treatment chairs and tables
- The 2-layer pulp is very absorbent and excellently suitable for everyday use for outpatient treatments
- The very soft and skin-friendly texture provides a pleasant feeling of lying and hygiene

**Scope of delivery**

9 rolls (á 50 cm x 50 m)

made of pure cellulose, hygienically single packed
Our top models

As the fruit of our decades of experience in the field of ophthalmic and microsurgery, we have managed to design absolute high-end, top quality models. Allow yourself to be swept away by the innovative materials, the visionary shapes, the elegant design and the sophisticated extra functions.

Set new standards in your operating room!

Discover our *surgiForce* and *surgiForce light* models and allow yourself to be swept away by their economy, effectiveness and quality. These models stand for ultra-precise navigation within the operating field, sterile operation, and a comfortable, non-fatiguing work environment – for a workflow worthy being rated “Premium deluxe”. They combine particularly well with our *premiumLine eyeForce* treatment chair.

Demand the best!

The "Preventive Technology" award reflects uncompromising lightweight construction, outstanding ergonomic operability and space-saving design. Back diseases of your operating theater staff are now a thing of the past. This is our contribution to effective health and safety in the workplace.

**High end quality for microsurgery**

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*Comfort seat (Illustration)* Item No.: 2600 0004
*Formed seat* Item No.: 2600 0008
**surgiForce light**

- Comfort seat  **Item No.:** 2600 0006
- Formed seat (Illustration)  **Item No.:** 2600 0009

**Applications:**
- Ophthalmic surgery
- Neurosurgery
- Microsurgery
- ENT surgery
That is high tech and high precision.

The ultimate surgeon’s chair for microsurgery.

Sophisticated engineering, design and function down to the smallest detail. Amazing range of armrest adjusting functions: Turn it, tilt it, rotate it, extend it – to support each of the surgeon’s arm movements with the greatest of ease! Ultra-precise navigation within the operating field, sterile operation, and a comfortable, non-fatiguing work environment – for a work flow worthy being rated “Premium de luxe”.

MED.TEC at its highest level

Double castors
The five high-grade double castors are smooth-running and rotated by 360 degrees. This means no-limits mobility, especially in confined operating room spaces. **surgiForce’s** central front castor in particular gives extra stability to keep the treating surgeons safely in place whenever they shift their bodyweight forward.

Chassis
The drive mechanism’s base is made of cast aluminum. This means maximum stability and longevity and no-limits mobility. The material and workmanship meet the strictest sanitary requirements.

Plastic cover panels
The high-sheen plastic cover panels with their scratch-resistant and impact-modified surface finish are extremely hygienic and easy to disinfect. Abrasion-resistant corner guards (orange) made of synthetic rubber take the stress out of maneuvering **surgiForce** even at close quarters to other medical equipment.

**surgiForce**

**Item No.:** 2600 0004  with Comfort seat
**Item No.:** 2600 0008  with Formed seat (Illustration)
Mains-free operation

Accumulators
The charger-battery-control unit integrated in the drive mechanism permits mains-free operation at protective low voltage. Splash-protected charging socket on the bottom of the drive mechanism.

Braking system
The easy-to-reach and easy-to-use central brake acts on all four double castors to keep the surgiForce safely and reliably in the desired position.

Multi-function unit

Foot operated
To activate the multi-function unit, tap it with your foot. It allows the effortless powered height adjustments of the seats and armrests, independently of each other.

Intuitive foot keypad operation of the multi-function unit for powered seat height and armrest adjustment. Activation is signaled by acoustic and visual signals.

Sterile operation
Black pedal: seat height adjustment
Gray pedal: arm height adjustment
Armrests with “de luxe“ feature

3D freedom of movement

High-precision, maintenance-free ball joint for full 360-degree range armrest movements around all axes. Ultra-lightweight guide system for fast, efficient and vibration-proof adjustment of individual underarm positions.

Need to readjust surgiforce while maintaining sterile conditions? Not a problem! In addition to the foot keypad, surgiforce features so-called ‘one-hand triggers’ underneath the armrests. Lift them briefly to adjust the height!

Angled armrest support for increased freedom of armrest movement around the lateral axis.

Seating systems

The seating system Comfort:
With mechanical individual adjustment functions. For a correct, back-friendly sitting and working posture, the seat surface or the seat depth can be adjusted by a sliding mechanism located underneath the seat.

The form seating system:
With enlarged contact surface for more comfort and optimum weight distribution. The seat surface can be individually tilted forward and fixed together with the backrest. In addition, angle and height adjustment of the backrest ensure an ideal sitting posture.
Technical specifications

Lifting column
- Lifting height of the seat: 200 mm
- Lifting height of the armrests: 130 mm
- Electromotive adjustment via the foot control elements

Battery unit
- Lead-gel battery: 2 pcs.
- Universal battery charger: Input: 100 – 240 V
- Output: 24 V

Dimensions maximum (L x W x H) incl. armrests
- with Comfort seat: 860 x 750 x 1,190 mm
- with Formed seat: 860 x 750 x 1,280 mm

Chassis
- Castors: ø 100 mm
- 5th castor: ø 65 mm
- Central brake acting on all four castors
- Emergency stop button

Seating systems:
- Comfort: Min. sitting height 595 mm | 580 mm
- Formed seat: Max. sitting height 795 mm | 780 mm
- Seat position adjustment: forward/back 120 mm | -14°
- Seat angle adjustment: -9°/3° | -19°/5°
- Back angle adjustment: 0° | 0°
- Seat adjustment mechanism: 113 mm | 113 mm

Weight
- Comfort: 74 kg
- Formed seat: 150 kg

Techn. Änderungen vorbehalten.

Linear guides
To give you that extra margin of flexibility: Armrests with linear guides! Applying pressure with your forearm will make the arms “glide” effortlessly in longitudinal direction while letting go will stop them by self-locking mechanism - available as an option.

Armrests
Made of molded PUR foam - pleasant to the touch, no slick leatherette cover - for guaranteed secure hold. Suitable for disinfectants.

Upholstery/color card

<table>
<thead>
<tr>
<th>Comfort</th>
<th>Standard color</th>
<th>Item No.: 3037 0235</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comfort</td>
<td>black</td>
<td>&quot;Periline&quot; Page 105</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Formed seat</th>
<th>Standard color</th>
<th>Item No.: 3037 0052</th>
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</thead>
<tbody>
<tr>
<td>Formed seat</td>
<td>anthracite</td>
<td>&quot;Tundra skai&quot; Page 102 &quot;Pandoria Plus&quot; Page 103</td>
</tr>
</tbody>
</table>

Specifications in mm

Seating system Comfort
- Minimum
  - Min. sitting height 595 mm
  - Max. sitting height 795 mm
  - Seat position adjustment 120 mm
  - Seat angle adjustment -9°

- Maximum
  - Min. sitting height 795 mm
  - Max. sitting height 795 mm
  - Seat position adjustment 120 mm
  - Seat angle adjustment 0°
surgiForce light

Item No.: 2600 0006 with Comfort seat
Item No.: 2600 0009 with Formed seat (Illustration)

surgiForce light – extraordinary technology and materials in typical surgiForce premium design, in combination with other control elements:

A clearly structured twin foot keypad plus manually operated gas spring mechanisms in the arm supports – for surgeons wishing to precision-adjust their arm position with minimum fuss.

MED.TEC at its highest level

Double castors
The five high-grade double castors are smooth-running and rotated by 360 degrees. This means no-limits mobility, especially in confined operating room spaces. surgiForce’s central front castor in particular gives extra stability to keep the treating surgeons safely in place whenever they shift their bodyweight forward.

Chassis
The drive mechanism’s base is made of cast aluminium. This means maximum stability and longevity and no-limits mobility. And the material and workmanship meet the strictest sanitary requirements.

Plastic cover panels
The mirror-finish plastic cover panels with their scratch-resistant and impact-modified surface finish are extremely hygienic and easy to disinfect.
Mains-free operation

Accumulators
The charger-battery-control unit integrated in the drive mechanism permits mains-free operation at protective low voltage. Splash-protected charging socket on the bottom of the drive mechanism.

Braking system
The easy-to-reach and easy-to-use central brake acts on all four double castors to keep the surgıForce light safely and reliably in the desired position.

Multi-function unit

Foot operated
Timeless foot keypad design for UP/DOWN seat height adjustment with non-slip polyamide touch surfaces. Easy-to-reach brake levers on either side of the driving mechanism for centralized braking/unfettered maneuvering.

Abrasion-resistant corner guards (orange) made of synthetic rubber take the stress out of maneuvering surgıForce light even at close quarters to other medical equipment.
Armrests with gas-spring mechanism

3D freedom of movement

Armrest height is adjustable independently of seat height. It takes only simple rolling movement to manually control the gas spring mechanism.

Turning, tilting, rotating: The armrests have been designed for fast and unfussy 3D movements.

Need to readjust surgiForce light while maintaining sterile conditions? Not a problem! In addition to the foot keypad, surgiForce light features so-called "one-hand triggers" underneath the armrests.

High-precision, maintenance-free ball joint for full 360-degree range armrest movements around all axes. Ultra-lightweight guide system for fast, efficient and vibration-proof adjustment of individual underarm positions.

Seating systems

The Comfort seating system:
With mechanical individual adjustment functions. An additional lumbar support as a backrest provides relief for the spine. Sliding carriage for adjusting the seat depth optionally available.

The form seating system:
With enlarged contact surface for more comfort and optimum weight distribution. The seat surface can be individually tilted forward and fixed together with the backrest. In addition, angle and height adjustment of the backrest ensure an ideal sitting posture.
Technical specifications

Lifting column
• Lifting height of the seat 200 mm
• Lifting height of the armrests 130 mm
• Electromotive adjustment via the foot control elements

Dimensions maximum (L x W x H) incl. armrests
• with Comfort seat 825 x 700 x 1,190 mm
• with Formed seat 825 x 700 x 1,280 mm

Chassis
• Castors Φ 100 mm
• 5th castors Φ 65 mm
• Central brake acting on all four castors
• Emergency stop button

Battery unit
• Lead-gel battery, 2 pcs.
• Universal battery charger: Input: 100 – 240 V
  Output: 24 V

Seating systems:
Comfort | Formed seat
• Min. sitting height 595 mm | 580 mm
• Max. sitting height 795 mm | 780 mm
• Seat angle adjustments -9° /+3° | -14°
• Back angle adjustments -21°/+3° | -19°/+5°

Weight
Comfort: 71 kg
Formed seat: 150 kg

Specifications in mm

Techn. Änderungen vorbehalten.
Components

**surgiForce**
Formed seat  
**Item No.:** 2600 0008

**Comfort seat**  
**Item No.:** 2600 0004

**Armrest pair with linear guide and one-hand release, factory-fitted**  
**Item No.:** 3351 1008

**Armrest pair with one-hand release for neurosurgery (angular), retrofit kit**  
**Item No.:** 3351 1010

**Footswitch plate**  
429 x 820 mm, height 53 mm  
**Item No.:** 3317 0000

**Footswitch plate**  
429 x 670 mm, height 53 mm  
**Item No.:** 3361 1041
Components

**surgiForce light**  
Formed seat  Item No.: 2600 0009

**surgiForce light**  
Comfort seat  Item No.: 2600 0006

Armrest pair with linear guide and one-hand release, factory-fitted  
Item No.: 3351 1008

Seat adjustment mechanism for optimum access to the operating field, adjustment 113 mm, factory-fitted  
Item No.: 3351 1013

Footswitch plate 429 x 820 mm, height 53 mm  
Item No.: 3317 0000

Footswitch plate 429 x 670 mm, height 53 mm  
Item No.: 3351 1041
Our classics

They represent proven and time-tested technology in a modern design, they are deliberately low-tech, and they offer an extremely attractive price-performance ratio.

Space-saving design and outstanding maneuverability coupled with a lean range of easy-to-manage functions.

Do you want flexible use in confined spaces with power-supply independent battery operation?

Then you should go for our classic: The surgiTrend and surgiLine models – perfect in combination with our performanceLine, 500 XLE and 500 XLE comfort treatment chairs.

performanceLine systems are designed for user satisfaction

Designed for continuous use in serially equipped operating theaters with high patient turnover, the performanceLine satisfies every user thanks to its easy handling before, during and after the surgery.

An award-winning “Preventive Technology”, the performanceLine works hard to protect your surgical staff from back problems, thanks to its lightweight construction and easy maneuverability.

Functionality in a nutshell

Surgical Chairs & Tables

SURGEON’S CHAIRS / performanceLine

surgiTrend

Comfort seat (Illustration) Item No.: 2200 0012
Dynamic seat Item No.: 2200 0010
surgiLine

Formed seat (Illustration)  Item No.: 2200 0008
Comfort seat  Item No.: 2200 0013

- Ophthalmic surgery
- Microsurgery
- ENT surgery

PREVENTIVE TECHNOLOGY

SURGICAL CHAIRS & TABLES  SURGEON’S CHAIRS / performanceLine
Item No.: 2200 0012 with Comfort seat (Illustration)
Item No.: 2200 0010 with Dynamic seat

For back protection and maximum work flexibility in confined spaces. Sophisticated, space-saving drive mechanism with reduced size for ample foot space combines tilt stability with easy and smooth maneuvering. Outstanding sitting comfort and a wide range of adjusting functions allow every surgeon to find his or her personal best and healthiest working position for any work scenario. Available in two seating system types: Comfort or Dynamic.

Seating systems

Comfort

Dynamic

Seat angle adjustment
Back angle adjustment
Back height adjustment

Dynamic-function
Lumbar support angle adjustment
Lumbar support height adjustment

Upholstery/color card

Standard color black
Item No.: 3037 0223

“Perline” Page 105

Standard color black
Item No.: 3037 0021

“Stamskin Top” Page 104
Technical specifications

Lifting column
- Drive: 3,000 N (IPX4)
- Lifting height: 200 mm

Battery unit
- Battery box with 2 batteries (lead-gel), pollution free, maintenance-free, cadmium-free: 2 x 12 V, 7.2 Ah
- Universal battery charger: Input: 100 – 240 V, Output: 30 V

Chassis
- L x W (incl. braking system/foot keypad): 650 x 600 mm
- Castors: ø 100 mm
- 5th castors: ø 65 mm
- Central brake acting on all four castors
- Emergency stop button

Seating systems:
- Comfort
- Dynamic

Weight
- 45 kg
- Max. load: 150 kg

Specifications in mm

Subject to technical modifications.

Armrests

- Stable, ergonomically shaped armrests with curved support surface (350 x 120 mm)
- Height-adjustable and equipped with a ball joint for 360-degree rotation
- Designed for personalized adjustment to the surgeon
- Optionally available with linear guide and one-hand release

Chassis

- 4 high-quality, smooth-running double castors
- 5th castors for added resistance to tipping
- Optimized foot space
- Central braking system effective on 4 castors
- Integrated foot keypad panel for seat-height adjustment
- Power supply-independent battery box with emergency stop button
The quintessential timeless surgeon chair for microsurgery. The surgiLine is a tried and tested classic and a reliable partner in the operating room. It has a rugged steel frame yet is easy to maneuver thanks to its high-grade double castors. The seat and backrest are height-adjustable and promote a healthy sitting posture thanks to surgiLine’s special lumbar support. The armrests can be individually adjusted for each surgeon. Available in two seating system types: Formed seat or Comfort.
Armrests

- Stable, ergonomically shaped armrests with curved support surface (350 x 120 mm)
- Height-adjustable and equipped with a ball joint for 360-degree rotation
- Designed for personalized adjustment to the surgeon
- Optionally available with linear guide and one-hand release

Technical specifications

Lifting column
- Drive 3,000 N (IPX4)
- Lifting height 200 mm

Battery unit
- Battery box with 2 batteries (lead-gel), pollution free, maintenance-free, cadmium-free 2 x 12 V, 7.2 Ah
- Universal battery charger: Input: 100 – 240 V
- Output: 30 V

Chassis
- L x W (incl. braking system/foot keypad) 640 x 600 mm
- Castors ø 100 mm
- Central brake acting on all four castors
- Emergency stop button

Seating system: Formed seat | Comfort
- Min. sitting height 530 mm | 550 mm
- Max. sitting height 730 mm | 750 mm
- Seat angle adjustments +6° /-5° | +5° /-5°
- Back angle adjustments +5°/-18° | +5°/-25°

Weight
- 45 kg

Max. load
- 150 kg

Subject to technical modifications.

Chassis

- Powder-coated tubular steel frame with sanitary, scratch-resistant high-sheen plastic cover panels
- Central braking system effective on 4 castors
- Integrated foot keypad panel for seat height adjustment
- Power supply-independent battery box with emergency stop button

Technical dimensions

Seating system Formed seat

<table>
<thead>
<tr>
<th>Minimum</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specifications in mm</td>
<td></td>
</tr>
<tr>
<td>550</td>
<td>730</td>
</tr>
<tr>
<td>560</td>
<td>600</td>
</tr>
</tbody>
</table>

Seating system Comfort

<table>
<thead>
<tr>
<th>Minimum</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specifications in mm</td>
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</tr>
<tr>
<td>550</td>
<td>750</td>
</tr>
<tr>
<td>560</td>
<td>600</td>
</tr>
</tbody>
</table>
Components

**surgiTrend**
- Dynamic seat  **Item No.:** 2200 0010
- Comfort seat  **Item No.:** 2200 0012

**surgiLine**
- Formed seat  **Item No.:** 2200 0008
- Comfort seat  **Item No.:** 2200 0013

**surgiTrend**
- Footswitch plate 480 x 715 mm, height 53 mm  **Item No.:** 3351 1011
- Footswitch plate 480 x 715 mm, height 53 mm  **Item No.:** 3351 0014

**surgiLine**
- Armrest pair with linear guide and one-hand release, factory-fitted  **Item No.:** 3351 0006
- Armrest pair with one-hand release, factory-fitted  **Item No.:** 3351 1004

Backup battery  **Item No.:** 3047 0000
Assistant's chairs

Our operating room assistant for eye and microsurgery. Available with various seat and adjustment systems – to meet your personal needs. For a healthy back and sitting comfort.

An asset to the team in a wide range of configurations
**easyLine F**

- Item No.: 2400 0020

**easyLine R**

- Item No.: 2400 0022

**easyLine Rs**

- Item No.: 2400 0024

**assistLine**

- Item No.: 2400 0015
The ergonomic assistant chair.
The innovation for a healthy back.

Chassis

- High-grade 5-arm aluminium pedestal
- Excellent handling characteristics thanks to smooth-running double castors
- Optionally available with braking double castors
- Supports loads up to 130 kilograms

Seating system

Dynamic seat

- Innovative seating system Dynamic for a healthy lower back
- Height and angle adjustable lumbar support
- Supports a correct, back-friendly sitting posture
- Durable, easy-care seat cover made of medical-grade artificial leather to meet the highest OR requirements

The seating system Dynamic has a lumbar support which is activated automatically by the surgeon’s bodyweight. The intensity of ergonomic support can be adjusted underneath the seat.

Flexibility

- Sterile, comfortable height adjustment via foottriggered gas pressure spring
- Flexible height adjustment from 58 to 78 cm
- Reduces neck and back tension caused by prolonged sitting
- Optionally available with arm supports
- Helps maintain sterile conditions

Technical specifications

| Lifting column | Height adjustment | 580 – 780 mm |
| Chassis | For body height of | 1.75 – 1.95 m |
| Dynamic seat | Height adjustment | 585 mm |
| | Castors | 65 mm |
| | D x W x H (incl. back part) | 390 x 440 x 410 mm |
| | Seat/back angle adjustment | +12° |
| Weight | 75 kg |
| Max. load | 130 kg |

Subject to technical modifications.

Standard color
black
Item No.: 3037 0021

“Stamskin Top” Page 104
The perfect assistant’s chair for your OR.

Chassis

- High-grade 5-arm aluminum pedestal
- Excellent handling characteristics thanks to smooth-running double castors
- Optionally available with braking double castors
- Supports loads up to 130 kilograms

Seating system

Comfort Seat

- Ergonomically shaped seat and backrest
- Supports a correct, back-friendly sitting posture
- Durable, easy-care seat cover made of medical-grade artificial leather to meet the highest OR requirements
- Optionally available with electrically conductive upholstery

Technical specifications

Lifting column

<table>
<thead>
<tr>
<th></th>
<th>assistPro F</th>
<th></th>
<th>assistPro H</th>
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</thead>
<tbody>
<tr>
<td>Height adjustment</td>
<td>530 – 730 mm</td>
<td>Height adjustment</td>
<td>520 – 720 mm</td>
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</tbody>
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Chassis

<p>| | | |</p>
<table>
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<tr>
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<th></th>
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<tbody>
<tr>
<td>Five legged chassis</td>
<td>Ø 585 mm</td>
<td>Ø 65 mm</td>
</tr>
<tr>
<td>Castors</td>
<td></td>
<td></td>
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</tbody>
</table>

Comfort seat

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>D x W x H (incl. back part)</td>
<td>385 x 425 x 540 mm</td>
<td></td>
</tr>
<tr>
<td>Seat angle adjustment</td>
<td>±5° / ±5°</td>
<td></td>
</tr>
<tr>
<td>Back angle adjustment</td>
<td>±5° / ±25°</td>
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Weight

<table>
<thead>
<tr>
<th></th>
<th>assistPro F</th>
<th></th>
<th>assistPro H</th>
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<tbody>
<tr>
<td></td>
<td>12 kg</td>
<td></td>
<td>11 kg</td>
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Max. load

Subject to technical modifications.

Flexibility

Variants

- Sterile, comfortable height adjustment via foottriggered gas pressure spring (assistPro F)
- Classic seat height adjustment via manual trigger underneath the seat (assistPro H)
- Flexible height adjustment from 53 to 73 cm (assistPro F) and 52 to 72 cm (assistPro H)
- Reduces neck and back tension caused by prolonged sitting
- Optionally available with arm supports (assistPro F)

Standard color

black

Item No.: 3037 0235

“Periline” Page 105
The comfortable assistant chair for your OR.

Seating system

- Ergonomically shaped, ultra comfortable, large-surface seat element
- Comfort upholstering
- Durable, easy-care seat cover made of medical-grade artificial leather to meet the highest OR requirements

Chassis

- High-grade 5-arm aluminum pedestal
- Excellent handling characteristics thanks to smooth-running double castors
- Optionally available with braking double castors
- Supports loads up to 130 kilograms

Technical specifications

<table>
<thead>
<tr>
<th>Lifting column</th>
<th>easyPro F</th>
<th>510 – 710 mm</th>
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<tr>
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<td>easyPro H</td>
<td>500 – 700 mm</td>
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<tr>
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<td>easyPro R</td>
<td>520 – 700 mm</td>
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<table>
<thead>
<tr>
<th>Chassis</th>
<th>Ø 585 mm</th>
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<tr>
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<td>Ø 65 mm</td>
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<table>
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<table>
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<tr>
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<tr>
<td>Max. load</td>
<td>130 kg</td>
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Subject to technical modifications.

Flexibility

Variants

- Sterile, comfortable height adjustment via foottriggered gas pressure spring (easyPro F)
- Classic seat height adjustment via hand trigger (easyPro H) or hand-operated ring (easyPro R) underneath the seat
- Flexible height adjustment from 51 to 71 cm (easyPro F), 50 to 70 cm (easyPro H) and 52 to 70 cm (easyPro R)

Standard color
black
Item No.: 3037 0235

Comfort

“Periline” Page 105

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**Chassis**

- High-grade 5-arm aluminum pedestal
- Excellent handling characteristics thanks to smooth-running double castors
- Optionally available with braking double castors
- Low seat position thanks to short gas spring (**easyLine Rs**)
- Supports loads up to 130 kilograms

---

**Technical specifications**

<table>
<thead>
<tr>
<th>Feature</th>
<th><strong>easyLine F</strong></th>
<th><strong>easyLine R</strong></th>
<th><strong>easyLine Rs</strong></th>
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<td>575 – 760 mm</td>
<td>465 – 580 mm</td>
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<tr>
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<td>Ø 655 mm</td>
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<td>Castors</td>
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<tr>
<td>Round seat</td>
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<td></td>
</tr>
<tr>
<td>D x W x H</td>
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<tr>
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<td>9.8 kg</td>
<td>7.6 kg</td>
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<td><strong>easyLine R</strong></td>
<td>7.6 kg</td>
<td>7.6 kg</td>
<td></td>
</tr>
<tr>
<td><strong>easyLine Rs</strong></td>
<td>7.6 kg</td>
<td>7.6 kg</td>
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<tr>
<td>Max. load</td>
<td></td>
<td></td>
<td>130 kg</td>
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</table>

Subject to technical modifications.

---

**Flexibility**

- Sterile, comfortable height adjustment via foottriggered gas pressure spring (**easyLine F**)
- Classic seat height adjustment via hand-operated ring (**easyLine R**, **easyLine Rs**) underneath the seat
- Flexible height adjustment from 58 to 76 cm (**easyLine F**), 57.5 to 76 cm (**easyLine R**) and 46.5 to 58 cm (**easyLine Rs**)

**Variants**

- Standard color
  - black
  - Item No.: 3037 0235

---

**Round seat**

“Perilne” Page 105
The one with the cushy saddle seat.

**Chassis**

- High-grade 5-arm aluminum pedestal
- Excellent handling characteristics thanks to smooth-running double castors
- Optionally available with braking double castors
- Supports loads up to 130 kilograms

**Seating system**

**Saddle seat**

- Ergonomic saddle seat
- Allows the assistants to sit in comfort
- Prevents tension pain and fatigue
- Supports blood circulation
- Durable, easy-care seat cover made of medical-grade artificial leather to meet the highest OR requirements

---

**Technical specifications**

- **Lifting column**
  - Height adjustment: 520 – 720 mm

- **Chassis**
  - Five legged chassis: ø 585 mm
  - Castors: ø 65 mm

- **Saddle seat**
  - D x W x H: 350 x 425 x 180 mm
  - Seat angle adjustment: +5° / -5°

- **Weight**: 7.5 kg
- **Max. load**: 130 kg

Subject to technical modifications.

---

**Flexibility**

- Classic seat height adjustment via hand trigger underneath the seat
- Flexible height adjustment from 52 to 72 cm
- Small size for flexible use in OR’s and labs

---

**Standard color**

- anthracite

**Item No.**: 3037 0052

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"Tundra skai" Page 102
"Pandoria Plus" Page 103

---
Components

- **assist Trend**
  - Item No.: 2500 0002

- **assist Pro F**
  - Item No.: 2400 0005

- **assist Pro H**
  - Item No.: 2400 0009

- **easy Pro F**
  - Item No.: 2400 0010

- **easy Pro H**
  - Item No.: 2400 0006

- **easy Pro R**
  - Item No.: 2400 0013

- **Armrest pair incl. traverse assist Trend**
  - Item No.: 3300 0000

- **Armrest pair incl. traverse assist Pro F**
  - Item No.: 3351 0038

- **Double rimmed castor, 65 mm, with braking function**
  - Item No.: 3351 0040
Components

**easyLine F**
Item No.: 2400 0020

**easyLine R**
Item No.: 2400 0022

**easyLine Rs**
Item No.: 2400 0024

**assistLine**
Item No.: 2400 0015

Double rimmed castor. 65 mm. with braking function
Item No.: 3351 0040
### Regulatory information on the equipment's registration as a medical device

<table>
<thead>
<tr>
<th>UFSK Item No.</th>
<th>Medical device Category</th>
<th>Active medical device</th>
<th>Medical device CE conformity</th>
<th>Performance characteristics in accordance with basic standards</th>
<th>Electrical safety</th>
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<td>electrically adjustable/safety extra-low-voltage</td>
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<td>easyLine R 2400 0022</td>
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<td></td>
</tr>
<tr>
<td>easyLine Rs 2400 0024</td>
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<tr>
<td>assistLine 2400 0015</td>
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<td>supportLine plus 3351 0045</td>
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**Regulatory Information on the Equipment’s Registration as a Medical Device**

- **Category UFSK Item No.**
- **Medical device**
- **Active medical device**
- **Medical device CE conformity**
- **Quality/performance characteristics and equipment safety**

- **Transport- and relaxing chair**
  - pneumatically adjustable

- **Treatment table**
  - hydraulically adjustable

- **Assistant’s chair**
  - pneumatically adjustable

- **Instrument table**

- **Technical Safety Inspection** once per year
Color cards

Customize the upholstery of your products to color-coordinate them with your workplace environment.

To do this, select one or two colors (main and accent color - as with the 500 XLE comfort and 500 ECO) from one of the following color cards.

Application example motionLine-E

The colors displayed on your device may differ slightly from the original colors. If you wish to receive original color charts, please contact us at info@ufsk-osys.com.
Examples of color combinations

Example: standard version

500 XLE comfort

Main color:
anthrazit F6461197
Item No.: 3037 0052

Accent color:
chrom F6461205
Item No.: 3037 0056

Item No.: 1500 0006
+ 3037 0080

schoko F6461357
Item No.: 3037 0060

feuer F6461454
Item No.: 3037 0083

safran F6461542
Item No.: 3037 0069

schoko F6461357
Item No.: 3037 0060

atoll F6461453
Item No.: 3037 0062

weiß F6461198
Item No.: 3037 0134
“Tundra skai”

High quality skai material with fine calf leather grain and subdued matte-gloss-effect. The very extensive and trend-orientated color spectrum enables many applications and combinations.

Product Specification
- Long-lasting
- Tear resistant
- Easy to clean
- Abrasion resistant (DIN EN ISO 6570-2)
- Lightfast
- Disinfectant resistant
- Biocompatibility: cytotoxicity (EN ISO 10 993-5) and epicutaneous test (EN ISO 10 993-10)
- Blood- and urine resistant
- Phthalate-free
- Vegan

<table>
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<tr>
<th>COLOR CARDS</th>
<th>SURGICAL CHAIRS &amp; TABLES</th>
<th>COLOR CARDS / Tundra skai</th>
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<td>500 XLE</td>
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<td>+ 3037 0080</td>
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</table>

* Item No.: 3037 0...
"Pandoria Plus"

skai® Pandoria Plus is a high-quality upholstery material, whose fine micropore structure gives a certain unobtrusiveness, which is refined by an attractive tone-in-tone effect. The very pleasant feel of the material and the excellent material characteristic and the broad, modern color spectrum make skai® Pandoria Plus universally usable.

**Product Specification**
- Long-lasting
- Tear resistant
- Easy to clean
- Abrasion resistant (DIN EN ISO 5470-2)
- Resistant to oil and fat
- Lightfast
- Disinfectant resistant
- Flame protection
- Biocompatibility: cytotoxicity (EN ISO 10 993-5) and epicutaneous test (EN ISO 10 993-10)
- Resistant to sudor, blood and urine
- Antibacterial according to JIS Z 2801
- Vegan

**COLOR CARDS**

The colors displayed on your device may differ slightly from the original colors. If you wish to receive original color charts, please contact us at info@ufsk-osys.com.
“Stamskin Top”

User friendly. High flexibility of the material ensures a perfect finish.

Safe for the user: Phthalate-free, easy to clean and fulfills fire safety standards.

Product Specification
- Extremely durable
- Phthalate free
- Easy to clean
- Flame protection
- Mildew resistant

User guide: Updated & post updated

The colors displayed on your device may differ slightly from the original colors. If you wish to receive original color charts, please contact us at info@ufsk-osys.com.
“Periline”

Product Specification
• Without Phthalates
• Biocompatibility:
  - cytotoxicity (EN ISO 10 993-5) and
  - epicutaneous test (EN ISO 10 993-10)
• Urine resistance
• Blood resistance
• Resistance to perspiration
• Resistance to spitting
• Light fastness
• Color fastness to rubbing
• Flame retardant

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<th>Color</th>
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<td>safran 010879</td>
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To learn more about us and see the latest references of national and international eye clinics, please go to www.ufsk-osys.com
The future is mobile.
Upgrade your OR to perfection.

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Design | Construction | Manufacturing