



eyeForce

TREATMENT CHAIR



E

2024 V03

ENJOY QUALITY AND DESIGN

eyeForce

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.



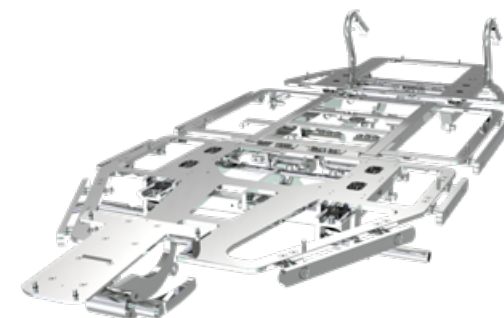
Chassis

Precision lightweight chassis made of cast aluminum.



Frame

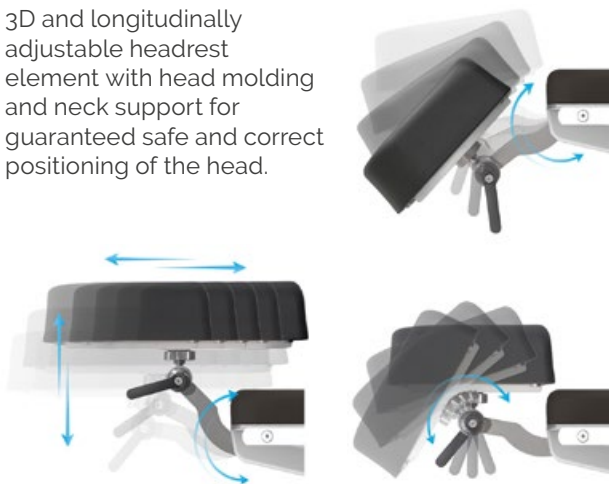
Lasercut procedure. Highly stable stainless steel frames. Including standard rails 25 x 10 mm for the attachment of a wide range of components.



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.

Item No.: 3351 1020



Sterile adjustment by surgeon/maximum legroom



Tiltable foot control

Tiltable 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.

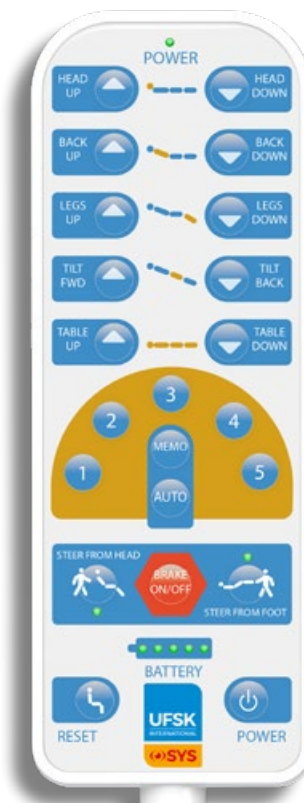
Positioning

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

Standard recommended memo keys



Hand control

Activate memory function/automatic movement

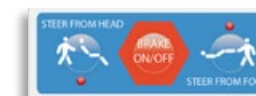
It is possible to save 5 MEMO positions: Set the desired position (hold down the MEMO key until the orange LED lights up). Then press the numeric key of a memory location for a MEMO position - the MEMO position is now saved.



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 treatment chair.



All castors are braked (red)



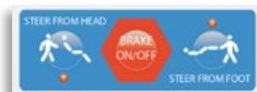
“Steering Guide” maneuvering aid



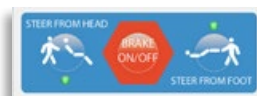
Operation via push handles and hand control

The **eyeForce** 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)



Pushing from the head direction



Pushing from the foot direction



Surface-Extensions-System “SES” positioning aid

Automated solution for patient positioning

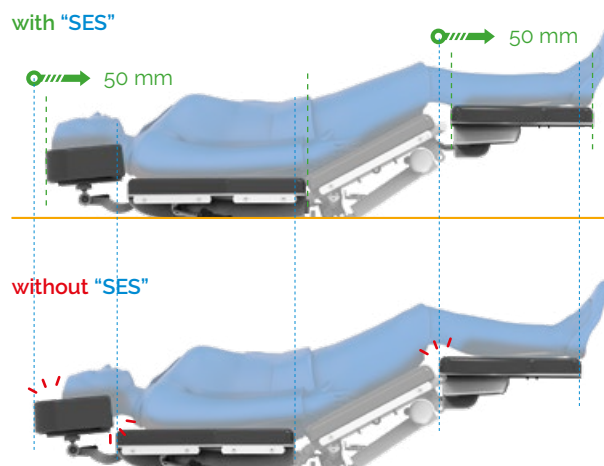
Both the backrest and the legrest segments automatically move 50 mm along with the patient when moving the chair into the reclined or entry position. The “SES” avoids patient repositioning, which would otherwise be necessary, by extending and flexing the individual segments. Returning the leg segment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

Retractable push handles

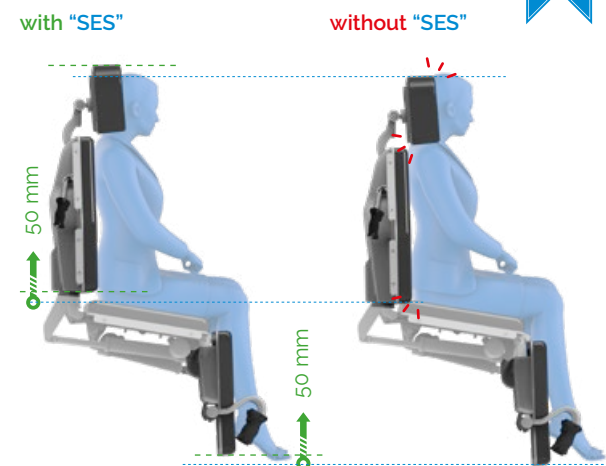
Manually adjustable push handles on the foot end with automatic return function, for easy patient transfer.



Movement in reclining position



Movement in entry position



eyeForce + e-drive

Item No.: 1800 0000 + 3316 0000

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.



WE-DRIVE YOUR OR!

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.



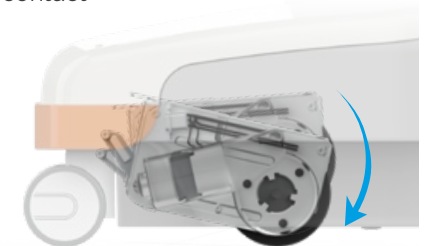
Push handle at the right head/foot end with a potentiometer for speed control.



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

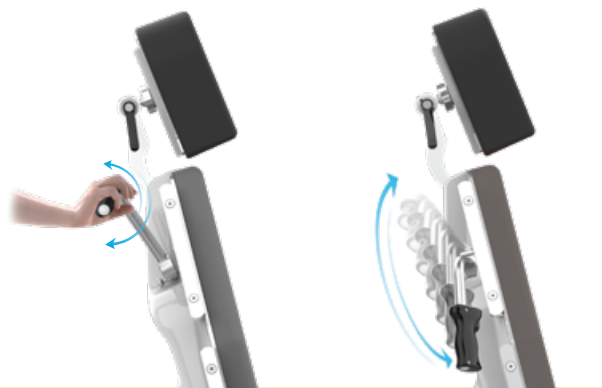
This results in up to **700 km per year!**



More than 1,000 eye**Force** 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 room! 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 \varnothing 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

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
- | | Angle | Dimensions (L x W) |
|---------------------|----------------------------|--------------------|
| • Head part | -31°/+22° | 255 x 245 mm |
| • Back part | 0°/+75° | 540 x 650 mm |
| • Seat part | -6°/+26° | 450 x 650 mm |
| • Leg part | 0°/-78° | 510 x 610 mm |
| • Height adjustment | | 640 – 900 mm |
| • Entry height | | 580 mm |
| • Legroom | | 470 – 730 mm |
| • Trendelenburg | -26°/Reverse Trendelenburg | +6° |

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

Trendelenburg/Reverse Trendelenburg



Back part/leg part



Height adjustment



Components



eyeForce
Item No.: 1800 0000



e-drive,
upcharge

Item No.: 3316 0000



Backup battery drawer
incl. batteries

Item No.: 3339 0000



Headrest with ball joint,
360° all-round adjustment,
factory-fitted

Item No.: 3351 1020



Side parts right and left,
580x200 mm,
incl. quick-release clamp for
mounting on norm rail

Item No.: 3351 0050



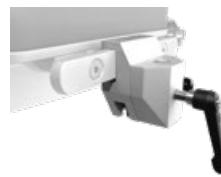
Side rails right and left,
swiveling incl. locking,
upholstered

Item No.: 3102 0000



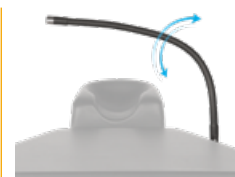
Anesthesia arm board
with universal joint,
incl. mounting clamp

Item No.: 3011 0000



Mounting clamp polished
aluminium, with quick clamp
lever for norm rail 25x10 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



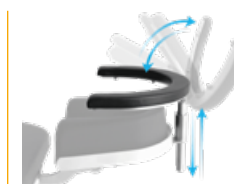
Head part bumper
stainless steel

Item No.: 3028 0000



Wrist rest, adjustable,
incl. mounting plate
3013 0000,
adjustment 115 mm

Item No.: 3014 0000



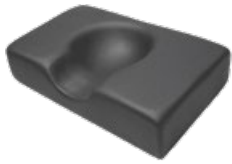
Wrist rest, adjustable, tiltable,
incl. mounting plate
3013 0000,
adjustment 115 mm

Item No.: 3014 0005



Mounting plate stainless steel,
for wrist rest 3014 0000 and
3014 0005

Item No.: 3013 0000



Head fixation pillow with hollow (rubins pillow), 410x250 mm, height 100 mm, factory-fitted

Item No.: 3022 0000



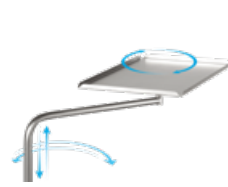
Facial pillow, horseshoe-shaped, incl. adapter plate, factory-fitted

Item No.: 3351 1016



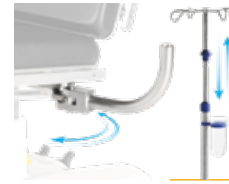
Shoulder parts, right and left

Item No.: 3043 0000



Instrument table 500x300x15 mm, height adjustable, swiveling, detachable, incl. component arm

Item No.: 3065 0003



Component arm stainless steel, swiveling, incl. extendible I.V. Pole Ø 25 mm

Item No.: 3024 0000

Medical device



Instrument table *supportLine* height adjustable 730-1,000 mm

Item No.: 3351 0026

PREMIUM
LINE



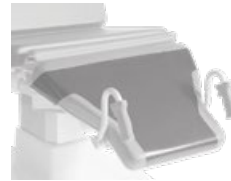
Wrist secure straps, pair

Item No.: 3015 0000



Body strap silicone incl. clamp

Item No.: 3351 1044



Foot protection foil

Item No.: 3328 0000



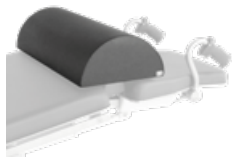
Foot part extension, attachable, incl. norm rail

Item No.: 3351 0002



Step

Item No.: 3351 0042



Knee half roll, 600x280x140 mm, PUD-coated

Item No.: 3019 0000



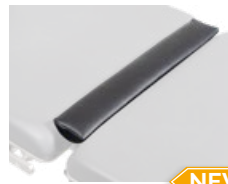
Knee roll round, 500x150 mm, PUD-coated

Item No.: 3050 0000



Upholstery incl. integrated knee roll, factory-fitted

Item No.: 3037 0266



Trapeze cushion, wedge, for back/seat part

Item No.: 3351 1052



Cylinder holder

Item No.: 3072 0001

Color card
skai® Tundra



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

<i>eyeForce</i>		1800 0000
<i>500 XLE</i>		1500 0006
<i>500 XLE comfort</i>		1500 0006
		+ 3037 0080
<i>500 XLS</i>		1500 0005
<i>500 ECO</i>		1500 0008
<i>400 XL</i>		1400 0001
<i>surgiForce</i>	Formed seat	2600 0008
<i>surgiForce light</i>	Formed seat	2600 0009
<i>surgiLine</i>	Formed seat	2200 0008
<i>assistLine</i>		2400 0015
<i>motionLine</i>		1700 0000
<i>motionLine-E</i>		1700 0001

+ Item No.: 3037 0...

weiß F6461198 Item No.:134	creme F6461210 Item No.:057	beige F6461636 Item No.:094	sand F6461230 Item No.:058	pistazio F6461610 Item No.:153	mint F6461495 Item No.:067	aqua F6461456 Item No.:001	türkis F6461338 Item No.:008
perle F6461288 Item No.:007	silber F6461550 Item No.:070	stone F6461608 Item No.:075	bleu F6461496 Item No.:068	dolphin F6461609 Item No.:076	sky F6461581 Item No.:073	royal F6461196 Item No.:051	atoll F6461453 Item No.:062
violett F6461356 Item No.:059	cyclame F6461381 Item No.:119	orchidee F6461354 Item No.:011	bordeaux F6461350 Item No.:010	kirsche F6461199 Item No.:054	feuer F6461454 Item No.:063	karneol F6461557 Item No.:072	orange F6461556 Item No.:071
apricot F6461458 Item No.:066	mais F6461457 Item No.:065	mango F6461607 Item No.:074	safran F6461542 Item No.:069	limonade F6461343 Item No.:009	limone F6461543 Item No.:109	smaragd F6461455 Item No.:064	agave F6461273 Item No.:006
chrom F6461205 Item No.:056	ocean F6461204 Item No.:055	schoko F6461357 Item No.:060	schwarz F6461195 Item No.:050	anthrazit F6461197 Item No.:052			

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.

Color card

skai® 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.

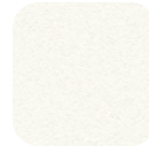
Product Specification

- 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

<i>eyeForce</i>		1800 0000
<i>500 XLE</i>		1500 0006
<i>500 XLE comfort</i>		1500 0006
		+ 3037 0080
<i>500 XLS</i>		1500 0005
<i>500 ECO</i>		1500 0008
<i>400 XL</i>		1400 0001
<i>surgiForce</i>	Formed seat	2600 0008
<i>surgiForce light</i>	Formed seat	2600 0009
<i>surgiLine</i>	Formed seat	2200 0008
<i>assistLine</i>		2400 0015
<i>motionLine</i>		1700 0000
<i>motionLine-E</i>		1700 0001

+ Item No.: 3037 0136

+ Item No.: 3037 0...



weiß F6413046
Item No.:053



hellbeige F6413047
Item No.:141



kiesel F6413048
Item No.:158



birke F6413049
Item No.:159



smoke F6413050
Item No.:221



silbergrau F6413075
Item No.:275



platin F6413053
Item No.:161



anthrazit F6413076
Item No.:276



schwarz F6413052
Item No.:170



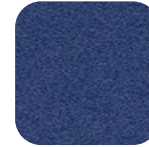
schoko F6413051
Item No.:160



gletscher F6413055
Item No.:162



sky F6413074
Item No.:277



royal F6413056
Item No.:163



smaragd F6413073
Item No.:278



kaktus F6413077
Item No.:281



feuer F6413058
Item No.:166



kirsche F6413079
Item No.:279



fuchsia F6413078
Item No.:280



mais F6413057
Item No.:164



limone F6413054
Item No.:165

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Upgrade your OR to perfection.



eyeForce



500 XLE



500 XLE comfort



500 XLS



500 ECO



400 XL



motionLine



motionLine-E



surgiForce



surgiForce light



surgiTrend



surgiLine



stayClean



stayClean roll



stayClean kick bucket



stayClean collector



assistTrend



assistPro F



assistPro H



easyPro F



easyPro R



easyLine F



easyLine R



assistLine



supportLine

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Design | Construction | Manufacturing