



eyeForce

TREATMENT CHAIR



E

2023Y03

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.



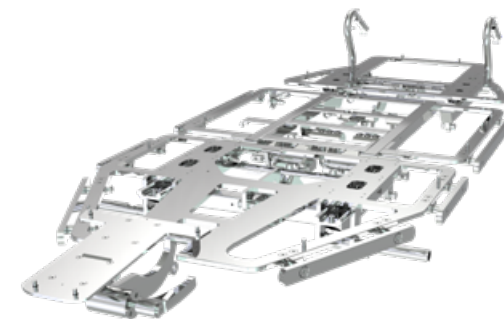
Chassis

Precision lightweight chassis made of cast aluminum.



Frame

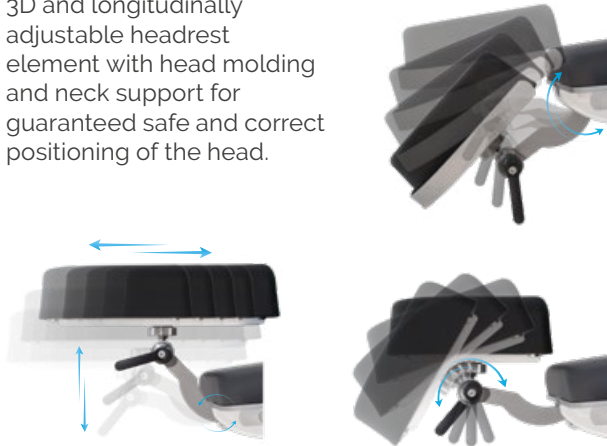
Laser-cut procedure. Highly stable stainless steel frames. Including standard rails 25 x 10 mm for the attachment of a wide range of components.



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.

Item No.: 3351 1020



Sterile adjustment by surgeon/maximum legroom



Tiltable foot control

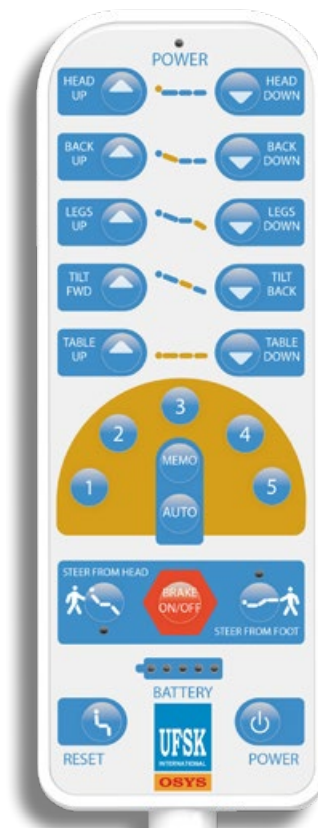
Tiltable foot keypad via two 4-way joysticks plus activation switch allow sensitive and precise chair adjustment even after the surgeon is already steril. Pushing the pedal lip (by foot) will activate the electronic control and battery mode of the equipment.



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



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)



Positioning by hand control

Standard recommended memo keys



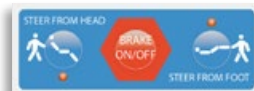
“Steering Guide” maneuvering aid



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

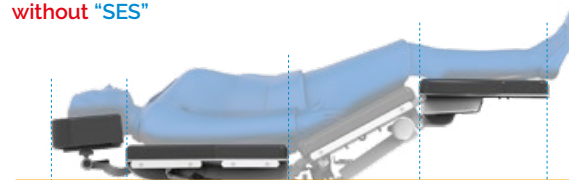


Automated solution for patient positioning

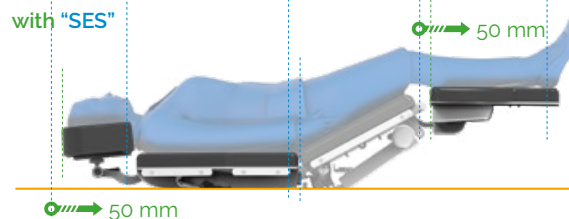
Both the backrest and the legrest segments automatically move 50 mm along with the patient when moving the chair into the reclined or entry position. The “SES” avoids patient repositioning, which would otherwise be necessary, by extending and flexing the individual segments. Returning the leg segment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

Movement in reclining position

without “SES”

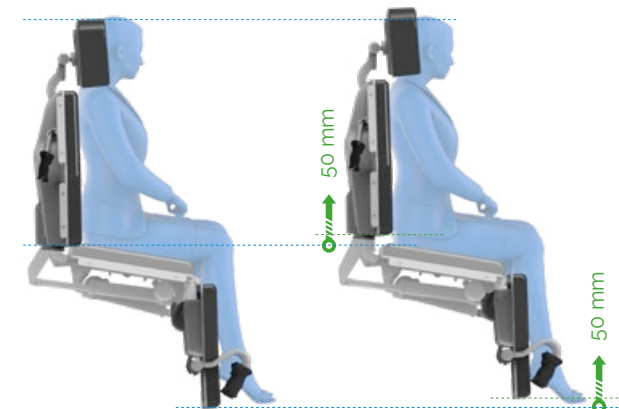


with “SES”

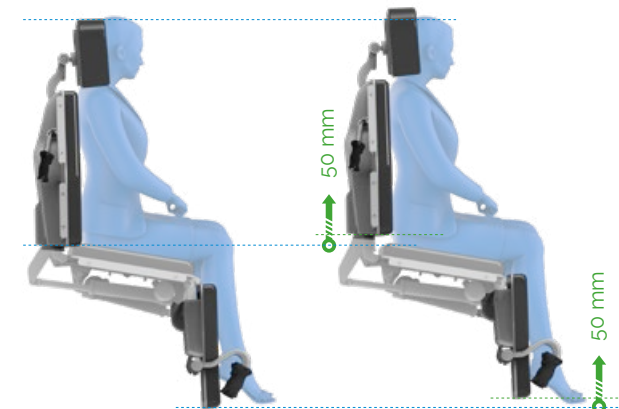


Movement in entry position

without “SES”



with “SES”



Retractable push handles

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



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.



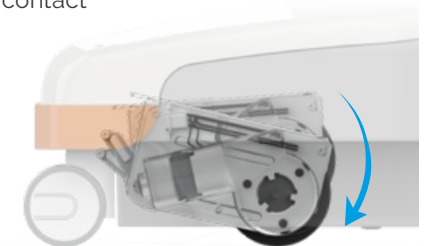
Push handle at the right head/foot end with a potentiometer for speed control.



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



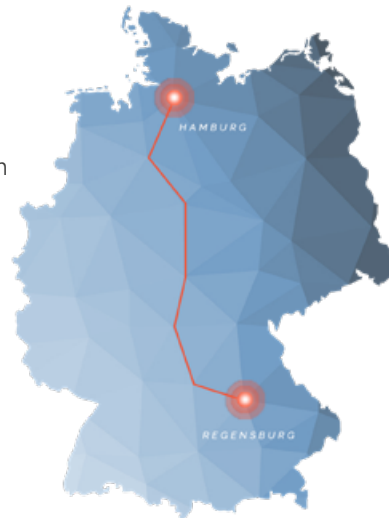
The ease of pushing - How much force is needed to move 300 kg? - Zero.

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

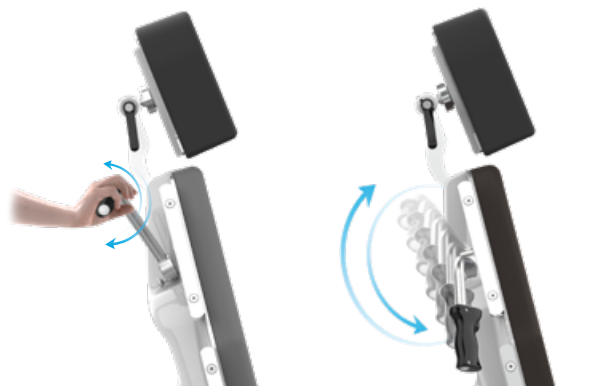
This results in up to **700 km per year!**



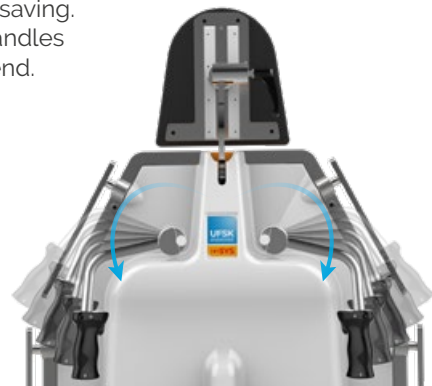
More than 1,000 **eyeForce** with **e-drive** are already in use in eye clinics all over the world: up to **700,000 kilometers per year!**



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



More legroom in the operating 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

Trendelenburg/Reverse Trendelenburg



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°		

Back part/leg part



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

Height adjustment



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

Max. load 250 kg

Weight 163 kg

Subject to technical modifications.

Mains-free operation

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



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).



Equipment protection

Cover drape *stayClean*

2,000 x 730 mm, box à 160 Pieces
4x 40 Pieces **Item No.:** 3034 0014

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Upholstery/color card

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

“skai Tundra”
Page 102

“skai Pandoria Plus”
Page 103



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



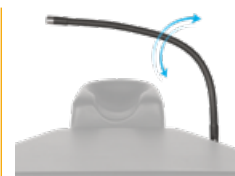
Anesthesia arm board
with universal joint,
incl. mounting clamp

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



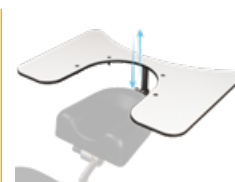
Hand control holder for
attachment onto an I.V. Pole
Ø 25/18 mm, PVC

Item No.: 3027 0006



Head part bumper
stainless steel

Item No.: 3028 0000



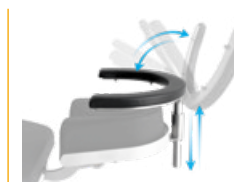
Wrist rest
550x370 mm,
height adjustable,
incl. mounting plate,
adjustment 115 mm

Item No.: 3209 0000



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

Item No.: 3014 0000



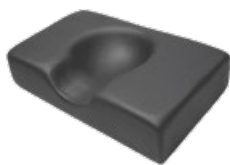
Wrist rest, adjustable, tiltable,
incl. mounting plate
3013 0000,
adjustment 115 mm

Item No.: 3014 0005



Mounting plate stainless steel, for wrist rest 3014 0000, 3014 0005 and 3209 0000

Item No.: 3013 0000



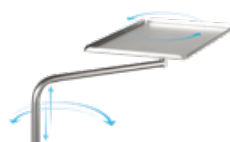
Head fixation pillow with hollow (rubins pillow), 410x250 mm, height 100 mm, factory-fitted

Item No.: 3022 0000



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

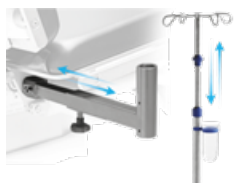
Item No.: 3024 0000

Hygiene product



Cover drape for treatment chair, *stayClean* 2,000x730 mm, box à 160 pieces

Item No.: 3034 0014



Component arm stainless steel, not swiveling, incl. extendible I.V. Pole Ø 25 mm

Item No.: 3334 0000



Wrist secure straps, pair

Item No.: 3015 0000



Body strap silicone incl. clamp, 3-piece

Item No.: 3351 1044



Foot protection foil

Item No.: 3328 0000



Foot part extension, attachable, incl. norm rail

Item No.: 3351 0002

Medical products



Step

Item No.: 3351 0042



Knee half roll, 600x280x140 mm, PUD-coated

Item No.: 3019 0000



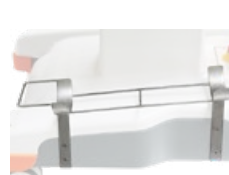
Knee roll round, 500x150 mm, PUD-coated

Item No.: 3050 0000



Upholstery incl. integrated knee roll, factory-fitted

Item No.: 3037 0266



Cylinder holder

Item No.: 3072 0001



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

Item No.: 3351 0026



Instrument table *supportLine plus* height adjustable 930–1,200 mm

Item No.: 3351 0045

“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.

“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 wipes



stayClean



staySoft



stayClean roll



supportLine



supportLine plus



assistTrend



assistPro F



assistPro H



easyPro F



easyPro H



easyPro R



easyLine F



easyLine R



easyLine Rs



assistLine

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Design | Construction | Manufacturing