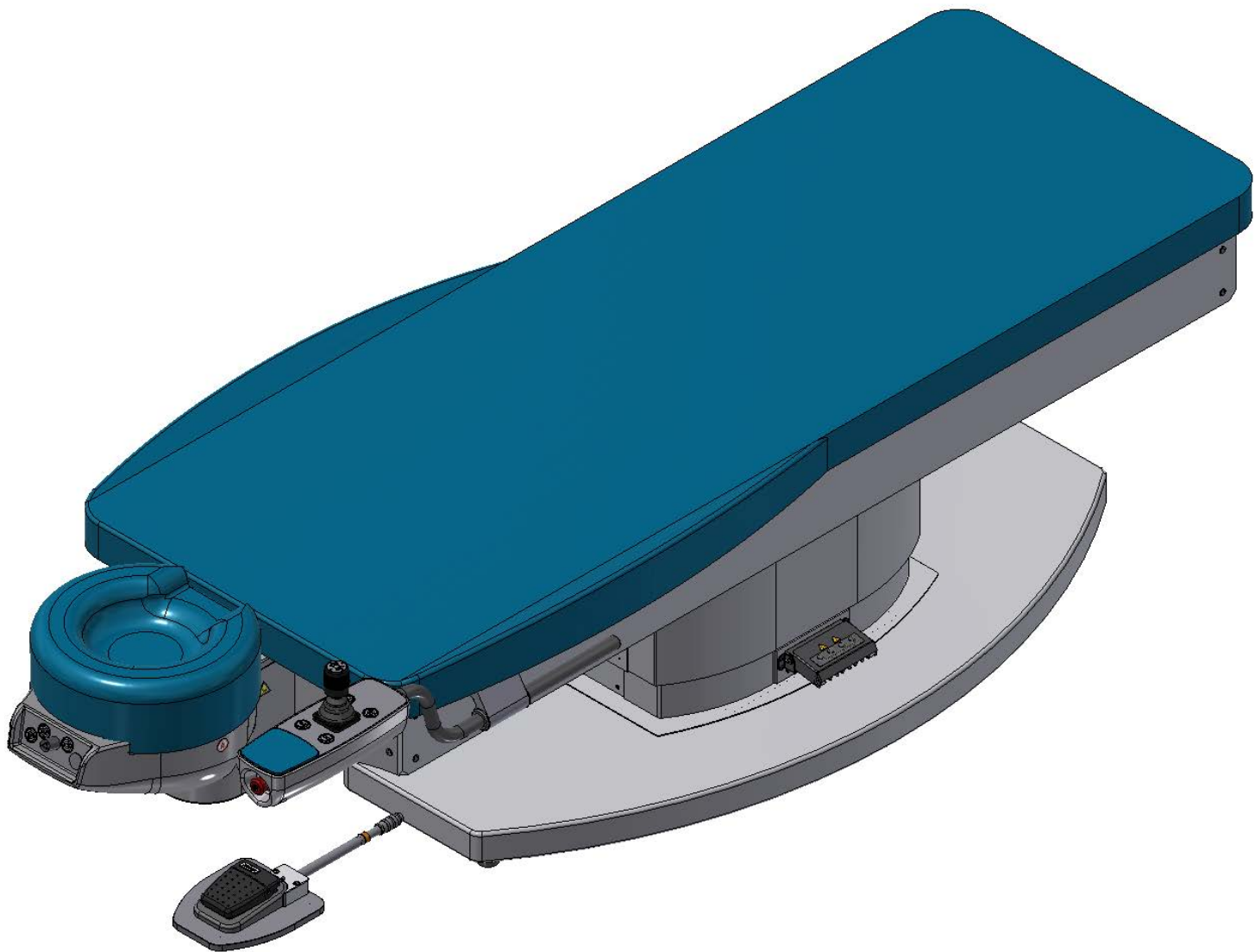


Product information
LSC neo



LSC neo Laser Surgical Bed



LSC neo

Here you will find the technical
data for the LSC neo laser bed

Excimer Laser Surgical Bed

Patient bed for refractive laser surgery

AKRUS has many years of experience in the development and manufacture of patient beds for refractive laser surgery. The technically high-quality LSC neo patient bed combines precise adjustment options, integrated safety functions and user-oriented controls.

Thanks to high-precision adjustment options in the Z, X and Y axes, the LSC neo can be aligned precisely to the focal point of the laser. The headrest can be electrically moved vertically by 50 mm and manually tilted 20° downward and 5° upward.

Integrated safety systems and interlocks enable use with excimer lasers as well as femtosecond lasers with a rigid laser head. Additional anti-motion safety settings help prevent unintended movement.

The optional swivel of the upper section by approx. 35° allows two lasers to be combined into a laser suite. The axes can also be moved in the swivelled position.

An analog joystick enables precise speed control. The system is additionally equipped with footswitch control for releasing joystick and electronic headrest functions.



Multi functional Interlocks to Laser



Swivel approx 35° from center position

High Tech – at your fingertips

FEATURES

- *X axis, horizontal left-right electric movement 110 mm*
- *Y axis, horizontal fwd.-bwd. electric movement 290 mm*
- *Z main vertical electric lift 140 mm*
- *Z head support vertical electric lift 50 mm*
- *Analog joystick on adjustable pedestal*
- *Joystick controls X, Y and Z axes*
- *Automatic down function*
- *OS / OD automatic positioning functions*
- *INV movement reversal*
- *Interlock connections for laser integration*
- *Anti-motion safety settings*
- *Footswitch control*
- *Head support with tilt mechanism: ventral +5°, dorsal -20°*
- *Knee support cushion*

OPTIONS

- *Max. patient weight 150 kg*
- *Total length 2,040 mm $\pm$ 20 mm*
- *Upholstery length 1,690 mm $\pm$ 10 mm*
- *Max. width 700 mm $\pm$ 40 mm*
- *Min. height, upholstery top 560 mm $\pm$ 35 mm*
- *Max. height, upholstery top 675 mm $\pm$ 20 mm*
- *Mains voltage 100-240 VAC, 50-60 Hz*
- *4 x IEC power outlets, total current max. 2.5 A*
- *IPX4 splash-water protection*
- *Product weight approx. 250 kg*
- *Service tool*
- *EAZY GO detachable chassis for temporary positioning*



0° center position

Functions

EQUIPMENT



Joystick control unit



Optimised headrest and controls



Easy-to-access emergency switch



Upholstery is of manufactory quality



Power outlets



Main switch and interlock connections

Upholstery fabrics

Choose one of 16 colors from our standard range. Special colors on request.



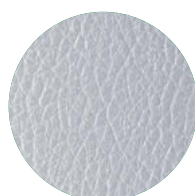
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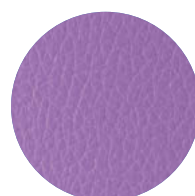
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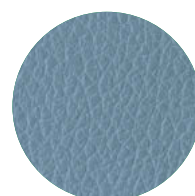
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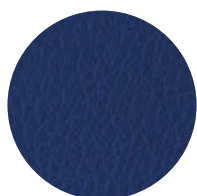
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Lilac /
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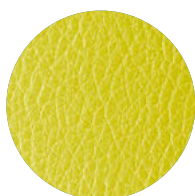
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Corn flower /
207x729



Midnightblue /
032x4709



Yellow /
208x2795



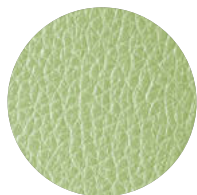
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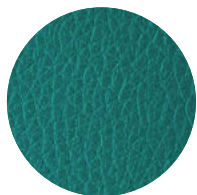
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Oper /
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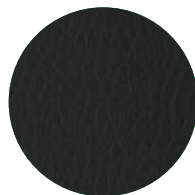
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Turquoise /
208x749



Charcoal /
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Black /
electrically conductive
anti-static
217x3117

Distributor