



## Product information **LS Comfort**



## LSC comfort Laser Surgical Bed



LS Comfort



Here you will find the technical data  
for the LS Comfort laser bed

## Excimer Laser Surgical Bed

### **Patient bed for refractive laser surgery** (exclusively for our industrial customers)

AKRUS has been a leader in the patient table market for refractive laser surgery for years. The technically high-quality LSC patient table with its superior properties and functions has established itself as a 'state of the art' product among many laser manufacturers and users.

Thanks to the high-precision adjustment options in the Z, X and Y axes, the LS Comfort patient couch can be adjusted precisely to the focal point of the laser. The headrest can be electrically moved vertically up and down by 50 mm and tilted manually by 20° down and 5° up.

The integrated safety systems and interlocks make it possible to use both an excimer laser and a femto-second laser with a rigid laser head. The optional pivoting of the upper part by 35° to the left and/or right allows both lasers to be connected to form a "laser suite".

An analog joystick allows precise control of the speeds. The range of speeds ranges from 12 mm/s to 0.2 mm/s.

Our laser beds are used with various products from leading laser manufacturers.



*Multi functional Interlocks to Laser*



*Swivel approx 35° from center position*

# High Tech – at your fingertips

## FEATURES

- X Axis, horizontal Le - Ri electric movement 110 mm
- Y Axis, horizontal fwd. - bwd. electric movement 290 mm
- Z 1 main vertical lift electric lift 90 mm
- Z 2 head support vertical lift electric vertical lift 50 mm
- Analog Joystick I on separate pedestal
- Controls all axes except Z2
- Auto down function
- Interlock II (motors cut off electrical power when eye tracker engaged)
- Knee support cushion
- Head support with tilt mechanism
  - ventral +5°
  - dorsal -20°

## OPTIONS

- Z 1 main motor vertical lift add. Height 140 mm
- Adapter for height adjustment entry level
- Vacuum cushion for head support
- Swivel approx 35° from center position
- High resilience visco elastic cushion
- Advanced electronic control Unit
  - Pre select le / ri eye
  - Shift from le to ri eye
  - reverse drive le / ri and vwd / bwd
  - Interlock I (optional limitation of X Y Z movements) after activating auxiliary equipment of laser
- Service tool
- Gear / Castors (detachable) to move bed temporarily



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.*



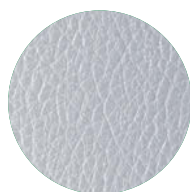
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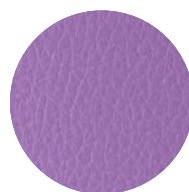
Creme /  
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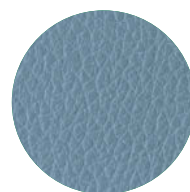
Sand /  
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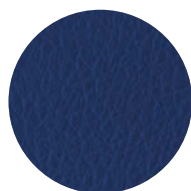
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032x4354



Lilac /  
208x2392



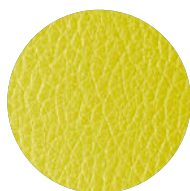
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Corn flower /  
207x729



Midnightblue /  
032x4709



Yellow /  
208x2795



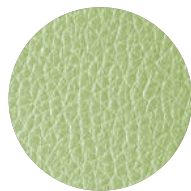
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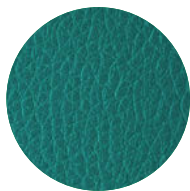
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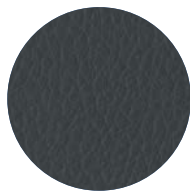
Oper /  
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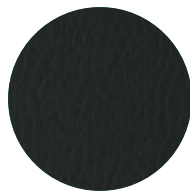
Mint /  
208x2394



Turquoise /  
208x749



Charcoal /  
207x1049



Black /  
electrically conductive  
anti-static  
217x3117

Distributor

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