SL 130 Slit Lamp from ZEISS
Top of the line
The ZEISS SL 130 is the instrument of choice for eye care professionals requiring a slit lamp with premium optical quality and high-precision engineering to perform the complete range of eye care procedures.

**High-quality optics**
- Crisp, high-resolution images offering a wealth of information
- Large illuminated field of view enables white-to-white observation at a glance
- Stereo microscope with 5-step magnification for observation from overview to detail
- Tiltable prism head to reduce reflections during contact lens examinations

**Ideal operation**
- Excellent support for laser therapies (with optional VISULINK® 532/U in combination with VISULAS® 532s from ZEISS) and contact glass examinations with symmetrically arranged, easy-grip slit projector controls
- Highly accurate and intuitive system operation for precise length, width and rotated slit image adjustments
- ACCENTO® ergo tube from ZEISS* supports comfortable working positions and prevents neck and back strain
- Choice of parallel or convergent tube for personal working preferences
Additional applications
- ZEISS SL Imaging Module* for convenient documentation of clinical findings and patient consultations
- ZEISS ACCENTO vario* for improved stereoscopic views while observing the fundus periphery and performing gonioscopy
- Triple slit for faster scan of the anterior eye segment
- Applanation tonometer* (two versions: ZEISS AT 020 & AT 030) for precise intraocular pressure measurement
- Coagulation laser attachment via ZEISS VISULINK 532/U* in combination with ZEISS VISULAS 532s

Convenient imaging
The ZEISS SL 130 features the ZEISS SL Imaging Module, enabling image and video recording of all examinations – whether for documentation, patient consultation or presentations. The SL cam 5.0, a fully integrated, highly compact 5-megapixel camera, and the SL imaging software, combine forces to deliver high-resolution images and videos. User-specific capture settings and image review functionalities promote a smooth workflow. The ZEISS SL Imaging Module is also available as an easy upgrade kit for existing ZEISS SL 130 slit lamps.

Ideal operation from diagnosis to laser therapy
The ZEISS ACCENTO ergo tube* and ZEISS VISULINK 532/U coagulation laser attachment* offer additional workflow support

Special features for extended applications
ZEISS ACCENTO vario* reduces the stereoscopic angle from 12.5° to 7° for enhanced stereoscopic observation of the fundus periphery and for performing gonioscopy

* Option
Technical data

SL 130 slit lamp from ZEISS

Magnification  
5x, 8x, 12x, 20x, 32x with 10x eyepieces  
6x, 10x, 16x, 25x, 40x with 12.5x eyepieces

Field of view diameter  
40 … 6 mm with 10x eyepieces  
31 … 5 mm with 12.5x eyepieces

Eyepiece magnification  
Optionally 10x or 12.5x super high-eyepoint eyepieces, compensation of ametropia ±8 D

Width of slit image  
Continuous from 0 to 14 mm; display 1 / 2 / 5 / 10 mm

Length of slit image  
In steps 0.3 / 2.5 / 3.5 / 7 / 10 / 14 mm; triple slit

Rotation of slit image  
Continuous ±90°

Decentration of slit image  
±4° horizontally, click stop at 0°

Swivel range of slit projector  
180°, scale for angular difference; click stops at −10° / 0° / +10°

Angle of incidence  
0° … 20° tiltable

Filters  
Blue, green (red-free), grey, swing-in; heat-reflecting filter, permanently integrated; diffusing screen, swing-in

Free working distance exit prism/patient’s eye  
66 mm  
2.6 in

Travel of instrument base  
30 mm (vertical), 1.2 in (vertical),  
110 mm (lateral), 4.3 in (lateral),  
90 mm (axial), 3.5 in (axial)

Vertical travel of headrest  
59 mm, 2.3 in

Projection illumination  
6 V / 20 W halogen lamp

Brightness  
Continuously adjustable

Rated voltage  
100 … 240 V ±10%, self-sensing, 50 / 60 Hz

Weight  
Basic instrument 9.85 kg (21.72 lbs);  
headrest 1.25 kg (2.76 lbs)

Dimensions of basic instrument (W x H x D)  
300 mm x 430 mm x 355 mm  
11.8 in x 16.9 in x 13.9 in

Selection of optional accessories*

ZEISS SL Imaging Module  
SL cam 5.0 – SL 120/130, SL cam 5.0 – beam splitter

Applanation tonometer  
ZEISS AT 020, ZEISS AT 030

Tube  
Parallel tube, convergent tube

Eyepiece  
10x eyepiece for length and angle measurements;  
10x or 12.5x eyepieces

Ergonomics  
ZEISS ACCENTO ergo tube; fixation light

SterEOScopic observation  
ZEISS ACCENTO vario

Laser attachment  
ZEISS VISULINK 532/U with laser application for  
ZEISS VISULAS 532s

* For the full range of slit lamp accessories, please contact your local ZEISS sales representative.

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