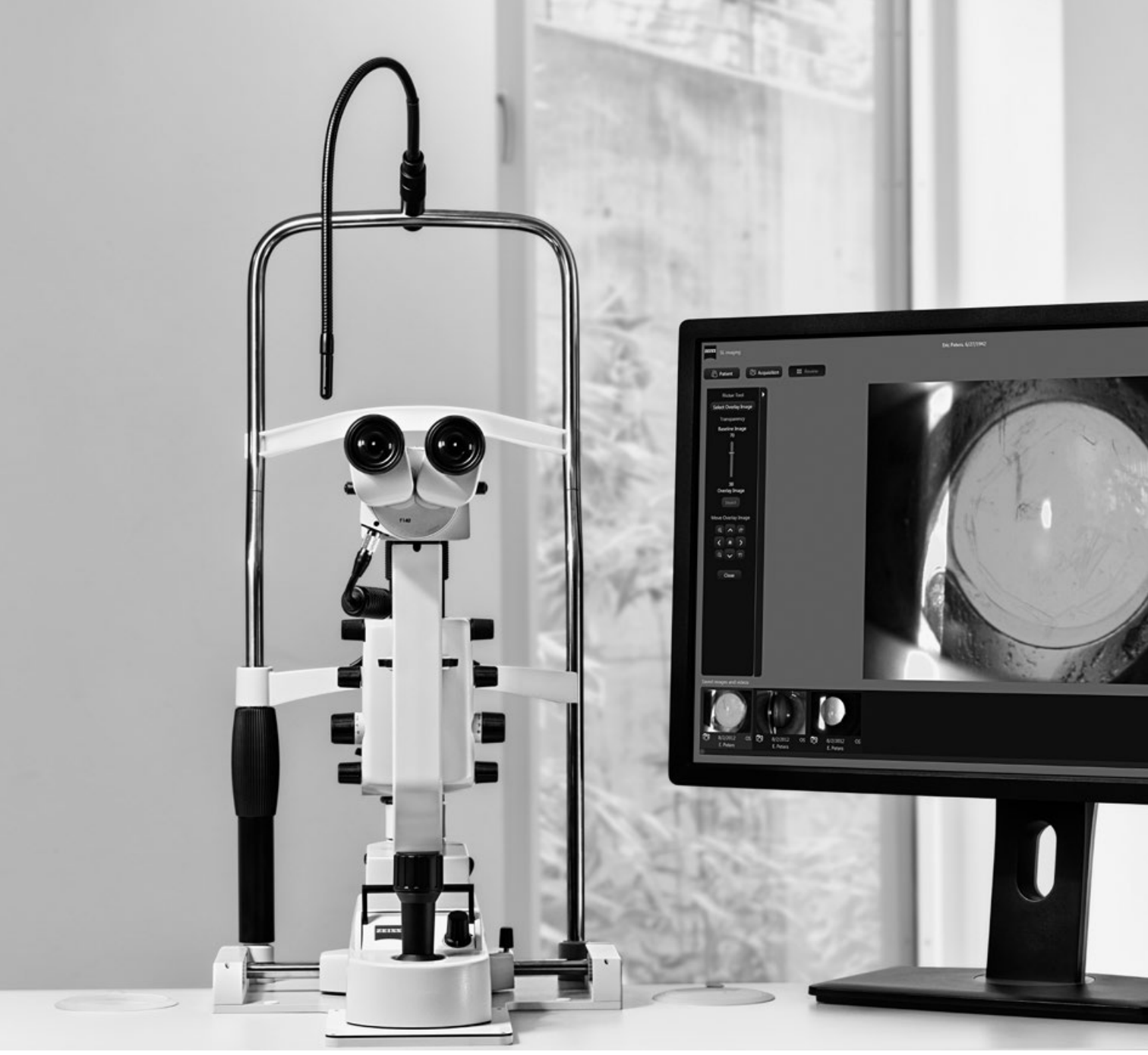

SL 130 Slit Lamp from ZEISS

Top of the line

ZEISS SL 130

Premium optical quality for all applications

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

A premium instrument for all eye care services: the ZEISS SL 130 Slit Lamp

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*

ZEISS SL Imaging Module
Document eye examinations with high-resolution images and videos – for review, patient consultation or presentations

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.

** 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.*

CE

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