

Uncovering details with brilliant optics



ZEISS SL 800

www.zeiss.com/us/sl800



Seeing beyond

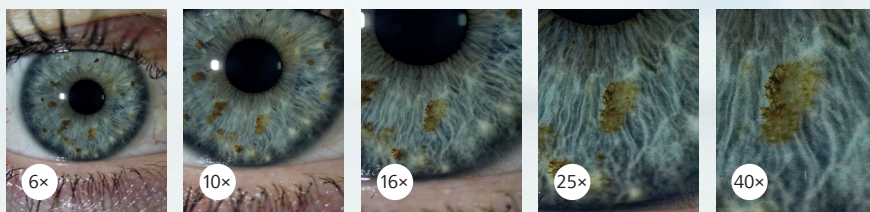
ZEISS SL 800 Slit Lamp

Premium optical quality with supreme comfort

With perfectly balanced ZEISS optics, extensive illumination options, and a user-friendly design, the SL 800 from ZEISS optimizes clinical workflow and helps reveal vital details for diagnosis. Furthermore, the modularity and wide range of accessories allow the SL 800 to be customized to meet the needs of any practice.

Superior optics for high-definition image quality.

Larger ZEISS lenses enable a higher level of light-throughput. In combination, with anti-reflex coating, they also provide a high-definition image in true-to-life color with high contrast - even in 40x magnification. Additionally, the apochromatic optimization greatly reduces chromatic and spherical aberrations in favor of visualizing structural details.



Continuous magnification steps reveal detailed structures.

Innovative design for enhanced focus on your patients.

With the new AutoView functionality, you can easily change magnification with a motorized two-button mechanism. An optional electronic QuickStop brake is also activated without the need to release the joystick. The intelligent Eco-Mode helps conserve energy by shutting down automatically when not in use. The slit lamp then turns on again simply by touching the joystick. The next-generation slit lamp, SL 800 from ZEISS, delivers trusted performance in a modern design.



AutoView and QuickStop are located comfortably next to the joystick.



Conveniently decenter the slit by repositioning the mirror base only.

TrueView optics

Apochromatic ZEISS lenses with anti-reflex coating provide true-to-life color with high contrast.

AutoView

Convex and concave shaped buttons next to the joystick for easily changing magnification.





VarioLight

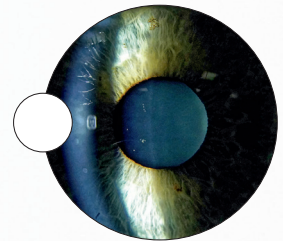
The LED light source is accompanied by a halogen filter to provide the advantages of both illumination characteristics.

Extensive illumination and filter options.

Whether you prefer the cold-white examination light of an LED or a warm-white halogen-like illumination, the new VarioLight feature allows you to seamlessly switch between the two. This provides a sharper and clearer image as well as a more natural fundus impression. Together with the integrated and optional filters and diffusor, the SL 800 can be equipped to provide complete observation of both the anterior and posterior segment.¹

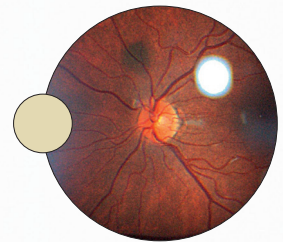
VarioLight cold-white

A slight bluish illumination benefits scattering and helps to identify irregularities within the anterior segment.



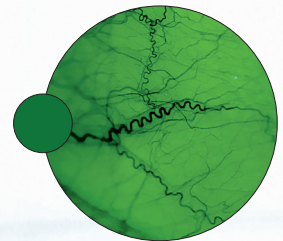
VarioLight warm-white

The warm halogen-like color temperature supports a more natural fundus impression.



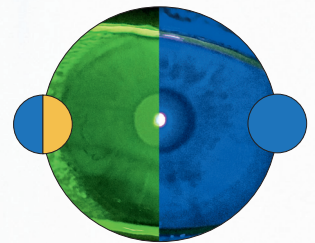
Green filter ("red free")

The redesigned filter characteristics provide a red-free, high-contrast image to improve the visualization of blood vessels.



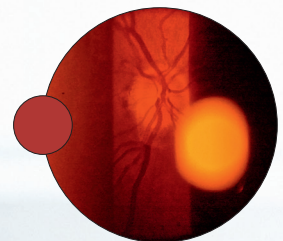
Blue filter

In combination with the optional yellow filter, it provides enhanced contrast during fluorescence analysis to visualize corneal defects and for contact lens fitting.



Red filter

For differentiated observation of the retinal layers.



¹ Requires optional equipment

ZEISS SL Imaging Solution and Accessories

Enhance your examination process

ZEISS SL Imaging Solution*

The optional ZEISS SL Imaging Solution enables convenient capturing of high-quality images and videos for documentation, patient consultation or presentations. Combine the SL Imaging Software with the SL cam compact to provide extended functionality for the SL 800.



*Available soon

Technical data

ZEISS SL 800

Magnification	6x/10x/16x/25x/40x, with 10x eyepiece, compensation of ametropia ± 8 dpt
Interpupillary distance	Convergent tube 50 – 84 mm; Parallel tube 52 – 78 mm
Light source	LED
Slit illumination	VarioLight cold-white, VarioLight warm-white
Filters	Red, blue, green (red-free), diffusor
Slit width	Continuously 0 – 12 mm
Slit length	Continuously 0 – 12 mm with scale index; variable in steps 0.2/1/3/5/9/12 mm
Slit diameter	0.2/1/3/5/9/12 mm
Slit rotation	Continuously 0° – 180°; click stop at 45°/90°/135°
Slit decentration (horizontal)	Available; fixable at 0°
Slit inclination (vertical)	0°/5°/10°/15°/20°
Swivel range of slit projector	180° with scale; click stop at 0°/±45°/±60°

Operation	Control panel with joystick, brightness control; Controls for AutoView & QuickStop (optional)
Adjusting range	110 mm (side), 30 mm (height), 110 mm (length)
Weight	12 kg (incl. headrest)
Dimensions (W x H x D)	315 mm x 655 mm \pm 15 mm x 395 mm
Power supply	100 – 240 V AC, 50/60 Hz


Accessories for ZEISS SL 800


Tonometry	Applanation tonometer AT 030
Fundus observation	Fundus VarioView, mirror (short)
Other	Tube adapter 20°, yellow filter-aperture module, 10x eyepiece with scales, beam splitter 50/50, co-observation tube, fixation light, breath shield, paper pads for chinrest

Components of ZEISS SL Imaging Solution

Camera	SL cam compact, incl. SL Imaging SW
PC	SL Workstation
Other	Wide-field illumination, 10x eyepiece with cross-hairs, focusing rod, network isolator, isolation transformer (to use with customer PC)



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