Uncovering details with brilliant optics

ZEISS SL 800

www.zeiss.com/sl800
With perfectly balanced ZEISS optics, extensive illumination options and a user-friendly operator concept directly at your fingertips, the SL 800 from ZEISS reveals details for diagnosis and optimizes your workflow. Furthermore, the modularity and the wide range of optional components and accessories adapt to your individual needs whenever necessary.

Superior optics for high-definition image quality.
Larger ZEISS lenses enable a better light-throughput. And in combination with the anti-reflex coating, they provide a high-definition image in true-to-life color with high contrast - even in 40x super magnification. Moreover, the apochromatic optimization greatly reduces chromatic and spherical aberrations in favor of visualizing structural details.

Innovative operator concept for an enhanced focus on your patients.
With the new AutoView, you can easily change magnification with the motorized two-button mechanism. The optional electronic QuickStop brake is also activated without the need to release the joystick. The intelligent stand-by EcoMode saves energy by shutting down automatically when not in use, while the slit lamp then turns on again by simply touching the joystick. In short the SL 800, the next generation of slit lamps from ZEISS, delivers proven performance in a modern design.

Extensive illumination and filter options.
With the VarioLight feature, you can now select your preferred examination light – cold-white or warm-white. This allows you to gain a sharper and cleaner image, as well as a more natural fundus impression. Together with the integrated and optional filters and diffusor, you are equipped with an all-around setup for the observation of anterior and posterior segment.

TrueView optics
Apochromatic ZEISS lenses with anti-reflex coating for true-to-life color with high contrast.

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

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.

* Requires optional equipment
ZEISS SL Imaging Solution and Accessories

Upgrade to meet your needs

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.

*Available soon

Technical data

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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 | 315 mm x 655 mm ± 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) |