Technical data

SL 120 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
Length of slit image	In steps 0.3 / 3.5 / 8 / 14 mm; continuous 1 … 6 mm
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°; 0° … 20° tiltable with tiltable prism head*
Filters	Blue, green (red-free), swing-in; heat-reflecting filter, permanently integrated; diffusing screen, swing-in
Free working distance exit prism/patient's eye	65 mm, 2.5 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 9.75 kg (21.49 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 measurement; 10x or 12.5x eyepieces
Ergonomics	ACCENTO® ergo tube from ZEISS (can only be used in combination with an additional accessory like beam splitter); fixation light
Laser attachment	VISULINK® 532/U from ZEISS with laser application for VISULAS® 532s from ZEISS

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

CE

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SL 120 Slit Lamp from ZEISS

Sharp versatility

We make it visible.

ZEISS SL 120

All-round support all day long

Operational convenience as well as outstanding optical and mechanical performance make the ZEISS SL 120 slit lamp a powerful all-rounder with great application flexibility. This highly durable and reliable instrument provides detailed, high-contrast images for accurate and efficient eye examination – all day, every day. It can be easily upgraded to support additional applications.

The versatile system for multiple applications: the ZEISS SL 120 Slit Lamp

Outstanding performance

- Excellent optical transmission with high-resolution, high-contrast images for all eye examinations
- Large 14 mm illuminated field for observation of the entire anterior segment
- Stereo microscope with 5 magnification steps for convenient observation from overview to detail
- Highly durable for reliable daily use over many years

Excellent operation and flexibility

- Single-handed operation and ergonomic design support a comfortable body posture throughout the procedure
- Intuitive, precise joystick operation, fast-action brake and easy-grip controls
- Choice of parallel or convergent tube
- Tiltable prism head* to reduce reflections during contact lens examinations

Accessories for additional applications
The ZEISS AT 020 applanation tonometer enables precise intraocular pressure measurements*

Optimized operation
Features like the system's single-handed operation, quick-action brake and convergent two observation tube options help to facilitate workflow

Additional applications

- ZEISS SL Imaging Module* for convenient documentation of clinical findings and patient consultation
- Applanation tonometer* (two versions: ZEISS AT 020 & ZEISS AT 030) for precise intraocular pressure measurement
- 10x eyepiece* for easy assessment of clinical findings such as length and angle measurement

**Option*

Convenient imaging

The ZEISS SL 120 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 120 slit lamps.

ZEISS SL Imaging Module
Capture high-resolution images and videos of any eye examination