



## SL 120 Slit Lamp from ZEISS

Sharp versatility



# ZEISS SL 120

## Comprehensive Support

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

### 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
- Tilttable prism head to reduce reflections during contact lens examinations



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



**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**

- SL Imaging Module for convenient documentation of clinical findings and patient consultation
- AT 020 applanation tonometer for precise intraocular pressure measurements
- 10x eyepiece for easy assessment of clinical findings such as length and angle measurement

**Convenient imaging**

The ZEISS SL 120 features an optional 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*

# 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 $\pm 8$ 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 $\pm 90^\circ$
Decentration of slit image	$\pm 4^\circ$ horizontally, click stop at $0^\circ$
Swivel range of slit projector	180°, scale for angular difference; click stops at $-10^\circ / 0^\circ / +10^\circ$
Angle of incidence	$0^\circ$ ; $0^\circ$ ... $20^\circ$ 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 $\pm 10\%$ , 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
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 0297

 Carl Zeiss Meditec AG  
Goeschwitzer Strasse 51–52  
07745 Jena  
Germany  
www.meditec.zeiss.com/visuref100

 Carl Zeiss Meditec, Inc.  
5160 Hacienda Drive  
Dublin, CA 94568  
USA  
www.zeiss.com/med

SL1.6181 Rev B Printed in USA. CZ-X/MMXXVI

The contents of the brochure may differ from the current status of approval of the product or service in your country. Please contact our regional representative for more information. Subject to change in design and scope of delivery and as a result of ongoing technical development. ACCENTO and VISULINK or either trademarks or registered trademarks of Carl Zeiss Meditec or other companies of the ZEISS Group in Germany and other countries. © 2016 by Carl Zeiss Meditec, Inc. All copyrights reserved.