



SL 220 Slit Lamp from ZEISS

Bright performance

zeiss.com/sl220



Seeing beyond

ZEISS SL 220

Powerful flexibility

Optical brilliance

- LED technology for instant, stable illumination
- 22 mm stereo base and large field with fully rotatable 12 mm slit for superb view of the entire anterior segment
- High-contrast, high-resolution slit images for fast, reliable examinations

Operational convenience

- Popular user interface with LED illumination for convenient, intuitive operation
- Joystick, quick action brake and easy grip controls for precise slit adjustments

- Choice of three or five magnification steps for observation from overview to detail
- Optional parallel or convergent tube to support your workflow preferences

Versatile excellence

- Powerful versatility for comprehensive slit lamp examinations
- Assortment of accessories* – from tonometer and beam splitter to fixation light and hygienic accessories – for expanded applications and excellent patient care
- ZEISS SL Imaging Solution to conveniently document clinical findings



ZEISS SL Imaging Solution

The intuitive SL Imaging Solution from ZEISS takes your everyday slit lamp exams to the next level by adding the integration of high-quality image and video capture to exam reports, offering you the ability to document cases, to include in patient education, teaching, or publishing. This all-round imaging solution features a modular concept, giving you the option to add slit lamp imaging seamlessly into your workflow on a preferential basis.

Technical data

ZEISS SL 220

Magnification	5-step: 6x / 10x / 16x / 25x / 40x 3-step: 10x / 16x / 25x
Eyepiece magnification	12.5x, compensation of ametropia ± 8 D
Length of slit image	Variable in steps of 0.2 / 1 / 3 / 5 / 9 / 12 mm, continuous 1 to 12 mm with scale indication
Decentration of slit image	$\pm 4^\circ$ horizontally, fixated at 0°
Angle of incidence	Variable in steps of 0° / 5° / 10° / 15° / 20°
Free working distance exit mirror/patient's eye	88 mm
Vertical travel of headrest	59 mm, 2.3 in
Brightness	Continuously adjustable
Weight	12.5 kg / 27.55 lbs (instrument including headrest)
Field of view	5-step magnification: 41 mm to 5.7 mm 3-step magnification: 26.5 mm to 8.7 mm
Width of slit image	Continuous from 0 to 12 mm
Rotation of slit image	Continuous $\pm 90^\circ$
Swivel range of slit projector	180° , scale for angular difference; click stops at -10° / 0° / $+10^\circ$

Filters	Blue, green (red-free), grey, red, swing-in; diffusing screen, swing-in; barrier filter yellow, swing-in	
Travel of instrument base	30 mm (vertical), 110 mm (lateral), 90 mm (axial),	1.2 in (vertical), 4.3 in (lateral), 3.5 in (axial)
Projection illumination	15 V, LED	
Rated voltage	100 ... 240 V $\pm 10\%$, 50 / 60 Hz	
Dimensions of basic instrument (W x H x D)	300 mm x 705 mm (± 15 mm) x 355 mm 11.8 in x 27.7 in (± 0.6 in) x 13.9 in	

Accessories for ZEISS SL 220

Tonometry	AT 030
Other	Parallel tube, convergent tube, fixation light

Components of ZEISS SL Imaging Solution

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



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