

Precision

High detail resolution

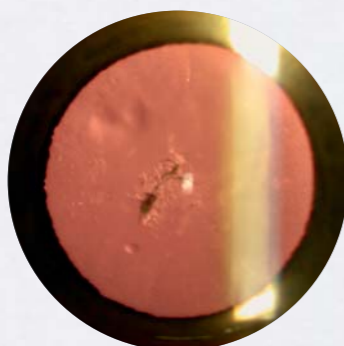
Optical brilliance without compromise – this is guaranteed by the legendary ZEISS brand. The outstanding features of the SL 115 Classic Slit Lamp include its high-contrast resolution and fine, highly precise slit. You benefit from the exceptional image detail, allowing reliable diagnoses and excellent contact lens fitting.



Overview in diffuse illumination

Excellence comes standard

A swing-in yellow filter for fluorescence examinations and contact lens fitting is a standard feature of the system. The super high eyepoint eyepieces ensure that eyeglass wearers can also work comfortably and conveniently.



Christmas tree cataract in retro-illumination

Everything in view

The SL 115 Classic is ideally suited for contact lens fitting. A large illuminated field allows observation of the entire anterior segment, permitting reliable assessment of soft contact lenses.



Assessing a soft contact lens with fluorescein

Precision for optimum results

Performance for smooth treatment routines

Patient Care for satisfied patients

Productivity for efficient office management

Technical Data

SL 115 Classic Slit Lamp	
Magnification	8x, 12x, 20x with 10x eyepieces
Field of view diameter	25 ... 10 mm
Eyepiece magnification	super high-eyepoint eyepieces 10x compensation of ametropia ± 8 D
Width of slit image	continuous from 0 to 14 mm
Length of slit image	in steps 0.5 / 3.5 / 8 / 14 mm; continuous 1 ... 14 mm
Rotation of slit image	continuous $\pm 90^\circ$
Decentration of slit image	$\pm 4^\circ$ horizontally, click stop at 0°
Swivel range of slit projector	180° , scale for angular difference; click stop at 0°
Angle of incidence	0°
Filters	blue, green (red-free); heat-reflecting filter, permanently integrated; diffusing screen, swing-in; UV protective filter; barrier filter (yellow)
Free working distance exit prism/patient's eye	73 mm 2.9 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)
Vertical travel of headrest	59 mm 2.3 in
Projection illumination	6 V / 10 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



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SL 115 Classic Slit Lamp

Focus on the essentials



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The SL 115 Classic slit lamp from Carl Zeiss offers outstanding optical performance and superb ease of use. You can use it to perform all routine examinations and contact lens fitting with the ultimate comfort and convenience.

The classic of slit lamps

Great performance at an amazing price

Carl Zeiss: Vision meets competence
With dedication and technical expertise, Carl Zeiss has been meeting even the highest demands on precision engineering and optics for more than 160 years. In 1912 Carl Zeiss developed the first slit lamp together with the Swedish ophthalmologist and Nobel Laureate Allvar Gullstrand. Generations of leading ophthalmologists have played a key role in perfecting this unique eye examination system.

Performance

Work the way you want to

The operating concept of the SL 115 Classic is sharply focused on your daily work routines. Its practice-oriented design guarantees not only short working distances during therapy, but also maximum comfort for the patient and user.

Perfect control

The various possibilities for slit adjustment allow you to use many different illumination techniques. The precision of the slit image permits structured illumination and allows the light to be scattered on even the smallest structures.

By rotation, you can adjust the slit to the position of the object of interest. Slit decentration permits contrast enhancement for better detection of even the finest corneal lesions.

Filters increase the contrast in red-free observation and fluorescence.

Noticeably more convenience

A short working distance helps to ensure a comfortable arm and body posture. Generous, unhindered access to the patient's eye facilitates contact lens fitting and manipulations on the eye.

Plug-and-play principle

The SL 115 Classic is immediately ready for use. Right after unpacking, it can be attached to the instrument table using two screws or adhesive pads. The integrated power unit adjusts automatically to standard international voltages. Simply plug it in – that's all there is to it.



SL 115 Classic with AT 020 applanation tonometer



Convenient, single-hand operation



Compact video attachment for miniature cameras

Patient Care / Productivity

Safety and efficiency in one

Protection of the patient's eye

The high transmission of the SL 115 Classic's optical system means considerably reduced exposure of your patient to light during the examination. The patient's eye is reliably protected from UV and IR radiation in compliance with ISO 10939.

Efficiently integrated into your workflow

With the SL 115 Classic, you receive outstanding performance which you can expand to meet your own personal requirements – and all at an exceptionally affordable price. The AT 020 applanation tonometer allows precise measurement of intraocular pressure. For documentation, you can equip the SL 115 Classic slit lamp with a compact video attachment for the connection of miniature cameras.

