

OCULUS

SL-IC4
SL-IC5

Slit lamp



OCULUS SL-IC4 and SL-IC5

Universal slit lamp with pioneering features

Sharp optics combined with bright, homogeneous slit illumination guarantees you a clear view with the OCULUS SL-IC4 and SL-IC5. Take advantage of the wide range of filters (blue, red free, neutral density, diffuser) integrated in the new OCULUS slit lamp to improve the quality of your examination results. Its no-hassle controls allow you to focus entirely on the examination. For the first slit lamp in the OCULUS portfolio we have teamed up with one of the best in the field – the slit lamp pros from the British manufacturer Keeler. And we are not just a little proud of the result.



Available in two models:

◀ OCULUS SL-IC4
with a compact design

OCULUS SL-IC5 ▶
with a slim, tall design

Advanced optics with a magnification range from 6x to 40x

Stereomicroscope with converging binoculars and smooth-switching five-step magnification changer from 6x through 40x (6x, 10x, 16x, 25x, 40x). Integrated in the microscope is also a yellow filter which can simply be interposed when needed.

LED illumination

Bright, homogeneous and economically efficient. These carefully selected LED modules guarantee you the very best lighting conditions as well as durability.



“Digital ready” – easy to upgrade to a photo slit lamp!

Both slit lamp models are available in a “digital ready” version. The OCULUS SL-IC4 D and SL-IC5 D both come with a digital port for connection to the OCULUS image documentation system ImageCam® 2. Images and videos can be conveniently captured by joystick rather than with the foot switch.



Easy capture by joystick



A strong partner to match – the OCULUS ImageCam® 2

Optional accessories

- Matching applanation tonometers:
AT-870 from Haag-Streit and R-type as well as Z-type tonometers from Keeler, each with an adapter plate.
- Diagnostic contact lenses for inspecting the anterior chamber angle and the posterior eye segment.

Equipment table

With either model, if the OCULUS slit lamp is not to be mounted on an existing examination unit, it can be delivered mounted on a small equipment table with integrated chin and head rests.



Technical Data

SL-IC4 und SL-IC5

Microscope	SL-IC4/SL-IC4 D	SL-IC5/SL-IC5 D
Type	Converging binoculars	
Eyepiece	12.5x	
Magnification	5 steps drum rotation: 6x; 10x; 16x; 25x; 40x	
Field of view	34 mm; 22 mm; 14 mm; 8.5 mm; 5.5 mm	
Interpupillary distance	49 – 77 mm	
Objective lens convergence angle	13°	
Compensation of ametropia	± 8 D	
Filter	Yellow (interposable)	
Slit illumination		
Slit projection scale	1.16x	1.16x
Slit width	0 – 14 mm (continuously variable)	0 – 12 mm (continuously variable)
Slit length	14 mm	12 mm
Aperture diameters	0.2 mm; 1 mm square; 2 mm; 3 mm; 5 mm; 9 mm; 14 mm	0.2 mm; 1 mm square; 2 mm; 3 mm; 5 mm; 9 mm; 12 mm
Filter	blue, red free, neutral density, diffuser	blue, red free, neutral density, diffuser
Slit angle	360° (continuous)	0 – 180° (continuous)
Light source	LED	LED
Max. power consumption	2 W	2 W
Instrument base		
Base travel	X-axis: 107 mm Y-axis: 110 mm Z-axis: 25 mm	
Technical specifications		
Dimensions (W x D x H)	350 x 310 x 480 mm (13.8 x 12.2 x 18.9 in)	350 x 310 x 710 mm (13.8 x 12.2 x 28.0 in)
Weight	9.2 kg (20.3 lbs)	10.6 kg (23.4 lbs)
Input voltage slit lamp	12 V/24 V DC 12 V - 16 V AC	12 V/24 V DC 12 V - 16 V AC
Input voltage (power unit)	110 – 240 V AC	110 – 240 V AC
Output voltage (power unit)	12 V DC	12 V DC
Frequency (power unit)	50 – 60 Hz	50 – 60 Hz

CE in accordance with Medical Device Directive 93/42/EEC

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OCULUS is certified by TÜV according to DIN EN ISO 13485

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