

SPECIFICATIONS

RSL 2000

Microscope

Type	Galilean-Type
Magnification change	5 Magnifications
Eyeieces	12.5 x
Angle between eyepieces	13°
Total magnification ratio	6x, 10x, 16x, 25x, 40x
Pupillary adjustment	52 mm-78 mm
Diopter adjustment	±6D
Field of view	40x (Ø5.5 mm), 25x (Ø8.5 mm), 16x (Ø13.5 mm), 10x (Ø22 mm), 6x (Ø34.7 mm)

Slit illumination

Slit width	Continuously variable from 0 to 14 mm (at 14 mm, slit becomes a circle)
Slit length	Continuously variable from 1 to 14 mm
Aperture diameters	Ø14 mm, Ø8 mm, Ø3.5 mm, Ø0.2 mm
Slit angle	0°-180°
Filters	Heat-absorbing filter, red-free filter, cobalt blue filter
Luminance	≈60klx

Base

Longitudinal movement	115 mm
Lateral movement	110 mm
Fine base movement	15 mm
Vertical movement	30 mm

Chin-rest

Vertical movement	80 mm
Fixation target	LED

Dimension & weight

Dimension WDH	770 x 470 x 570 mm
Gross weight	23 kg
Net weight	15 kg

Power requirements

Input	12V - 15V / 4A
Fixation	5V - 20mA

RSL 2500 / RSL 2500digital

Microscope

Type	Galilean-Type
Magnification change	5 Magnifications
Eyeieces	12.5 x
Angle between eyepieces	13°
Total magnification ratio	6x, 10x, 16x, 25x, 40x
Pupillary adjustment	52 mm-78 mm
Diopter adjustment	±6D
Diopter adjustment	40x (Ø5.5 mm), 25x (Ø8.5 mm), 16x (Ø13.5 mm), 10x (Ø22 mm), 6x (Ø34.7 mm)

Slit illumination

Slit width	Continuously variable from 0 to 14 mm (at 14 mm, slit becomes a circle)
Slit length	Continuously variable from 1 to 14 mm
Aperture diameters	Ø14 mm, Ø10 mm, Ø5 mm, Ø3 mm, Ø2 mm, Ø1 mm, Ø0.2 mm
Slit angle	0°-180°
Filters	Heat-absorbing filter, red-free filter, cobalt blue filter, ND filter
Luminance	≈60klx

Base

Longitudinal movement	115 mm
Lateral movement	110 mm
Fine base movement	15 mm
Vertical movement	30 mm

Chin-rest

Vertical movement	80 mm
Fixation target	LED

Dimension & weight

Dimension WDH	770 x 470 x 570 mm
Gross weight	23 kg
Net weight	15 kg

Power requirements

Input	12V - 15V / 4A
Fixation	5V - 20mA

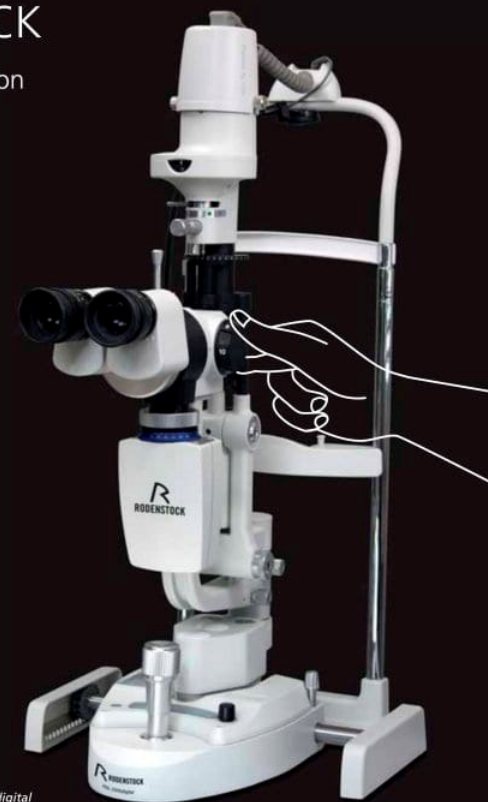
PLUG & TOUCH BY RODENSTOCK

Complete slit lamp solution

LED SLIT LAMPS

RSL 2000 / 2500 series

- Quality optics
- LED illumination
- Rotating drum with 5-step magnification
- Multi integrated filters
- Ergonomic operation
- High resolution digital imaging system with 5.0 M Pixel (RSL 2500digital)
- Imaging system with direct HDMI output (RSL 2500digital)



RSL 2500digital

ADDITIONAL SPECIFICATIONS

RSL 2500digital

Motorized focusing digital module specification

Image sensor	5 Mpixel, 1/4-inch high-speed high-definition image sensor
Photo resolution	2592 x 1944
Format	JPEG
Video resolution	1280 x 960

Frame of video	25fps
Video formats	MP4 H.264
Exposure mode	Automatic exposure, automatic gain
Transmission interface	USB 2.0 high-speed 480Mbps port

2017/02 - subject to change without notice



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