

SPECIFICATIONS

RSL 2000

Microscope

Type..... Galilean-Type
Magnification change 5 Magnifications
Eyepieces..... 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 2500*digital*

Microscope

Type..... Galilean-Type
Magnification change 5 Magnifications
Eyepieces 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

ADDITIONAL SPECIFICATIONS

RSL 2500*digital*

Motorized focusing digital module specification

Image sensor 5 MPixels, 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

2017/07 - subject to change without notice



PLUG & TOUCH BY RODENSTOCK

Complete slit lamp solution

- 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 2500*digital*)
- Imaging system with direct HDMI output (RSL 2500*digital*)



RSL 2500*digital*

LED SLIT LAMPS
RSL 2000 / 2500 series



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Rodenstock Instruments is a business unit of Tomey GmbH.

RODENSTOCK Instruments. In touch with your needs.



QUALITY IN DETAIL

The Rodenstock RSL 2000 series leaves nothing to be desired. Easy and ergonomic handling, high quality, accuracy and reliability are guaranteed. Our slit lamps are equipped with a complete filter setup like heat-absorbing filter, ND filter, red-free filter and cobalt blue filter. Also many accessories for example yellow filter module, polarised filter module, applanation tonometer, measuring eyepiece, mounting plate provides the complete slit lamp solution for you.

RSL 2000



RSL 2500



RSL 2500*digital*



TAT-80R

APPLANATION TONOMETER

- Gold standard in IOP measurement
- Best reproducibility and accuracy
- Reliable and durable



Ergonomic operation

You can control the illumination knob and joystick simultaneously with one hand. The HDMI output can be used to connect the RSL 2500*digital* with a monitor. Share the live eye examination with other people and show pictures of the examination to your patient. This creates a comfortable workflow.



Quality optics in combination with LED illumination

High quality optics provide a very sharp and homogeneous slit and aperture to see all kinds of pathologies clearly. Our LED lamp has a low colour temperature and high illumination intensity. The LED lamp has a longer life span and consumes little energy. To bring it to perfection, the high attention to mechanical parts provide a comfortable handling and smooth operation.



Digital imaging system and patient management

The RSL 2500*digital* has an integrated high-resolution digital camera which ensures images of the highest quality. Also fluorescein photos and real time videos are possible.

The patient management software allows you to compare several images at one time or change the contrast and brightness of the images.

