SPECIFICATIONS

RSL 5000 / RSL 5000digital

RSL 4300 / RSL 4500 / RSL 4500digital

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| Optical system | |
|-------------------------|---|
| | Galilean converging binoculars 8° |
| Magnification | Rotating drum change x6, x10, x16, x25, x40 |
| Eyepiece | x12.5 |
| Field of view | 34, 22, 14, 8.5, 5.5 mm |
| Interpupillary distance | 49 to 77 mm |
| Objective lens | |
| focal distance | 107 mm |
| Objective lens | |
| convergence angle | 13° |
| | |

Slit projection and base

| Slit width | 0-12 mm continuously variable |
|----------------------------|--|
| Slit length | 12 mm (1.0-12 mm continuously variable) |
| Aperture diameters | 0.2, 1 mm square, 2, 3, 5, 9, 12 mm |
| Filters | Clear, red free, neutral density, diffuser, blue, IR heat absorbing filter permanently installed |
| Slit angle | +/- 90° continuous |
| Slit rotation | +/- 90° with reference scale |
| Base travel | 25 mm Z-axis, 107 mm X-axis, 110 mm Y-axis |
| Horizontal fine adjustment | 12 mm |
| Fixation lamp | LED |
| Light source | LED / 12V |
| | |

Additional Features

Auxiliary diffuser, yellow filter integrated to optical body, TAT-100R optional available

Dimensions and weight

| Dimensions WDH | 350 x 410 x 702 mn |
|----------------|--------------------|
| Weight | ~ 21 ka |

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|-----------------------------|--------------------------------------|
| Power supply unit | Switch mode, (100-240V input) +/-10% |
| | multi plug compliant to EN 60601-1, |
| | EN 61000-6-2, EN 61000-6-3 |
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Optical system

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|-------------------------|-------------------------------|
| Magnification | Rotating drum change |
| | x6, x10, x16, x25, x40 |
| | (RSL 4500 / RSL 4500 digital) |
| | x10, x16, x25 (RSL 4300) |
| Eyepiece | x12.5 |
| Field of view | 34, 22, 14, 8.5, 5.5 mm |
| | (RSL 4500 / RSL 4500digital) |
| | 22, 14, 8.5 (RSL 4300) |
| Interpupillary distance | 49 to 77 mm |
| Objective lens | |
| focal distance | 107 mm |
| Objective lens | |
| convergence angle | 13° |
| | |

Slit projection and base

| Slit width | 0-14 mm continuously variable |
|----------------------------|--|
| Slit length | 14 mm (0-14 mm continuously variable) |
| Aperture diameters | 0.2, 1 mm square, 2, 3, 5, 9, 14 mm |
| | Clear, red free, neutral density, diffuser, blue, IR heat absorbing filter permanently installed |
| Slit angle | +/- 90° continuous |
| Slit rotation | +/- 90° with reference scale |
| Base travel | 25 mm Z-axis, 107 mm X-axis, 110 mm Y-axis |
| Horizontal fine adjustment | 12 mm |
| Fixation lamp | LED |
| Light source | IED / 12V |

Additional Features

Auxiliary diffuser, yellow filter integrated to optical body, TAT-100R optional available

Dimensions and weight

| Dimensions WDH | 350 x 432 x 604 mm |
|----------------|--------------------|
| Weight | ~ 19 kg |

Power supply

| Power supply unit | Switch mode, (100-240V input) +/-10% |
|-------------------|--------------------------------------|
| | multi plug compliant to EN 60601-1, |
| | EN 61000-6-2, EN 61000-6-3 |
| | 481/86/86/86/88 |

SPECIFICATIONS

RSL 5000digital / RSL 4500digital

Integral USB hub, joystick trigger system, auto left / right detection, +/- camera exposure controls, freeze frame image review control

Illumination system

External LED background illumination system, blue filter for background illumination system

| Resolution | 2 Megapixel: 1600 x 1200 |
|--------------|--------------------------|
| Connectivity | USB 3.0 |
| Sensor Type | CCD |
| Chip Size | 1 / 1.8" |
| Framerate | 17.5 fps |

PLUG & TOUCH BY RODENSTOCK

Exceptional optics. Outstanding reliability.

Integrated yellow filter

Work station with application software (RSL 5000digital

Extensive filter and accessory set

Integrated, high sophisticated camera system (RSL 5000digital

Exceptional optics

& RSL 4500digital)

& RSL 4500digital)

LED illumination









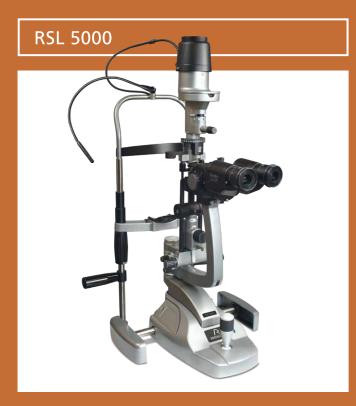


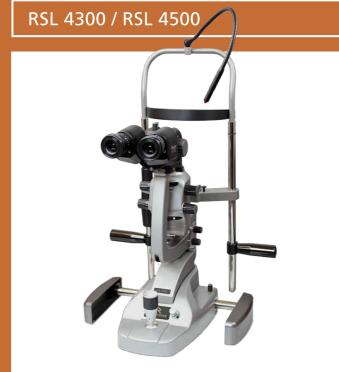
14350 NW 56th Court Unit # 115 Miami, FL 33054 USA Phone: 305-685-0001 | WhatsApp +1 305-685-0001 | Fax: 305-685-0009 bkframes@bkframes.com | www.bkframes.com

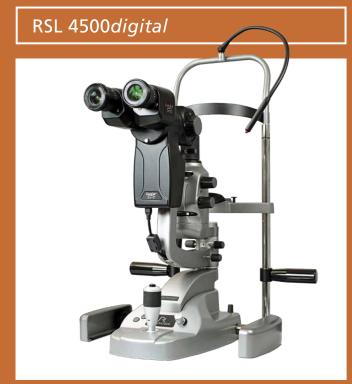
RSL 5000digital

QUALITY IN DETAIL &

Combining classic beauty with modern technology – our RSL 4300, RSL 4500 and RSL 5000 are the results of ideal style and substance. Enjoy the difference in easy handling with perfectly placed on-board illumination control – surely, high quality, accuracy and reliability are guaranteed. Day by day, you can rely on a perfect diagnostic tool giving your patients the highest level of examination.







TAT-100R

APPLANATION TONOMETER Gold standard in IOP measurement Best reproducibility and accuracy Reliable and durable

Exceptional optics + LED

The passion for high quality optics is present in the entire optical system – accuracy and reliability give the absolute confidence in this system. LED is the preferred light source nowadays. Our LED has been selected for its use and performance with an ideal colour temperature and homogeneous light illumination level.







Take control

The control of variable functions of the slit lamp and digital applications can be done via the slit lamp dashboard, starting with independently controlled main illumination, exposure time of the camera (RSL 5000*digital*) and RSL 4500*digital*) up to camera trigger on the joystick.

To bring it to perfection – the high attention to mechanical parts provide a comfortable handling and smooth operation.



Digital capture + patient management

The RSL 5000*digital* and RSL 4500*digital* come with many features on top of the basic version. Additional to the combined integrated camera and beam splitter the digital series include a background illumination, diffuser and blue filter. Moreover the *Kapture* software with integrated patient database completes this work station.

The camera and review control functions allow capturing and examining these images while being stored in the database. All images and data are entered through easy to use but sophisticated software screens.















