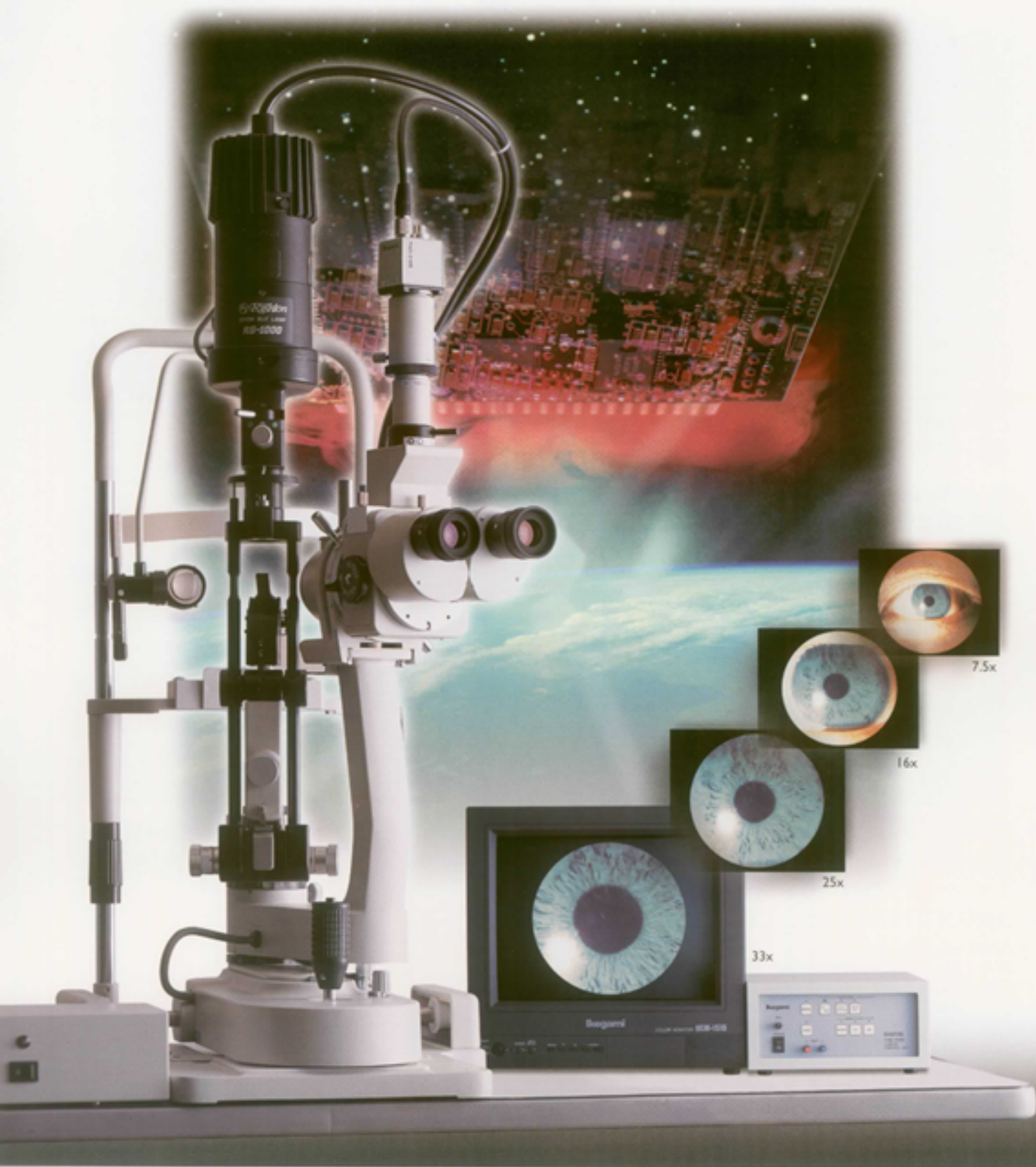


**RT** Righton

# Zoom Slit Lamp RS-1000



# The Legend of Fine Zoom Optics Lives On



CCD adapter setup



COOLPIX setup

- Fine optics of 4.3x zoom lens provides total observation magnification of 7.5x to 32.3x
- Boost switch for observation by Sclerotic Scatter and Retro Illumination
- Built-in barrier filter or cap-type filter optionally available
- Optional COOLPIX and C mount CCD camera adapters available
- Optional new aspherical adapters (78D, 90D) allow you to free one hand while working.
- Two types of table tops (universal and refraction unit) available
- **Wired units ready for photo equipment with flash** can be attached later.
- All products are made in Japan.



- ① New aspherical lens adapters (78D, 90D)
- ② Fiber-optic cables for CCD observation background
- ③ Beam splitter
- ④ Cap-type yellow filter
- ⑤ C mount adapters with diaphragm (1/2 inch, 1/3 inch)



Yellow filter incorporated (optional)

## Specifications

Microscope		
Type	Stereoscopic zoom microscope with parallel optics	
Magnification	Variable via continuous zooming (zoom ratio 4.3X)	
Objective magnification	0.6X to 2.58X	
Conversion angle	13.2°	
Eyepiece magnification	12.5X (standard), 10X (option)	
	Objective	Total
	0.6X	7.5X
	1.24X	15.6X
Total magnification (with 12.5X eyepiece)	2.58X	32.3X
	Illumination system	
Light source	12V-30W halogen lamp	
Slit projection magnification	1X	
Slit width	0 to 14mm continuously variable	
Slit rotation angle	90° each to the right and left	
Slit length	ø0.2, 1, 2, 5, 10, 14, 1 to 12 mm continuously variable	

Slit vertical angle	0°, 5°, 10°, 15°, 20°
Filters	Heat absorbing, ND, green and blue
Halogen lamp voltage	5 to 12V, 12.5V (boost)
Arm unit	
Rotation angle	90° each to the right and left
Cross slide table	
Movement range	100 x 110mm (back/forth x right/left), 65mm toward operator from chin rest support center, 30mm toward patient, 70mm toward operator, 55mm to the right and left
Dimensions	
Table top to patient eye	375mm
Reaching distance	287mm (without photo equipment) 335mm (with 35mm camera)
Microscope W.D.	100.4mm
Distance from table top to optical axis	399mm

Specifications and equipment are subject to change without any notice or obligation on the part of the manufacturer. May 2004.

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## RIGHT MFG. CO., LTD.

### Ophthalmic Sales

1-47-3, Maeno-cho, Itabashi-ku, Tokyo 174-8633, Japan

Tel: +81-3-3960-2275 Fax: +81-3-3960-2285

e-mail: eigyousitsu@rightmfg.co.jp

## TOHOKU RIGHT MFG. CO., LTD.

### Ophthalmic Service

45-1, Aza-yashikimae, Nakamura Osato-cho, Kurokawa-gun, Miyagi 981-3521, Japan

Tel: +81-22-359-3113 Fax: +81-22-359-3413



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