

Slit Lamps

TSL-4000H / TSL-4000Z

The TSL-4000H and TSL-4000Z are equipped with a 3-step magnification. Combined with stylish design and modern technology, high quality, accuracy and reliability are provided. Enjoy the difference with its easy handling and ideally located on-board illumination control that support your daily work-flow very well. This superb diagnostic tool offers you and your patients a high level of examination accuracy.

Excellent features

- + Elegant design
- + Integrated yellow filter
- + Exceptional optics
- + Outstanding reliability
- + 3-step magnification changer
- + LED illumination
- + Extensive filter and accessory set



TSL-4000Z



TSL-4000H

Specifications

	TSL-4000H	TSL-4000Z
OPTICAL SYSTEM		
Type	Galilean converging binoculars 8°	
Magnification	Rotating drum change x10, x16, x25	
Eyepiece	x12.5	
Field of view	34, 22, 14, 8.5, 5.5 mm	
Interpupillary distance	49 mm to 77 mm	
Objective lens focal distance	107 mm	
Objective lens convergence angle	13°	

SLIT PROJECTION AND BASE		
Slit width	0 mm to 12 mm continuously variable	0 mm to 14 mm continuously variable
Slit length	12 mm (1.0 mm to 12 mm continuously variable)	14 mm (1.0 mm to 14 mm continuously variable)
Aperture diameters	0.2 mm, 1 mm square, 2, 3, 5, 9, 12 mm	0.2 mm, 1 mm square, 2, 3, 5, 9, 14 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 / 12 V	

ADDITIONAL FEATURES		
Optional features	Auxiliary diffuser, yellow filter integrated to optical body	
Optional devices	TAT-100R	

DIMENSIONS AND ELECTRICAL REQUIREMENTS		
Dimensions WDH	350 mm x 410 mm x 702 mm	350 mm x 432 mm x 604 mm
Weight	approx. 21 kg	approx. 19 kg
Power supply unit	Switch mode, (100 V to 240 V input) ±10% multi plug compliant to EN 60601-1, EN 61000-6-2, EN 61000-6-3	
Power supply output	12 V DC / 2.5 A IEC / EN 60 6001	

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