SPECIFICATIONS

TSL-7000H / TSL-7000H digital

OPTICAL SYSTEM	
Туре	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 BAS	SE .
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
Slit vertical tilt	0°, 5°, 10°, 15°, 20°
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 TAT-100R and TAT-100T option	
DIMENSIONS AND WEIGHT	
Dimensions WDH	350 x 410 x 702 mm
Weight	~ 21 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
Power supply output	12V DC / 2.5 A IEC / EN 60 6001

SPECIFICATIONS

TSL-7000Z / TSL-7000Zdigital

Туре	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	107 mm
focal distance	107 mm
Objective lens convergence angle	13°
SLIT PROJECTION AND BAS	
Slit width	0 - 14 mm continuously variable
Clit longth	14 mm
Slit length	(0 - 14 mm)
Aperture diameters	0.2, 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,
Hardward Construction	110 mm Y-axis
Horizontal fine adjustment	12 mm
Fixation lamp	LED
Light source	LED / 12V
ADDITIONAL FEATURES	
Auxiliary diffuser, yellow filter	
TAT-100R and TAT-100T option	nal available
DIMENSIONS AND WEIGHT	
Dimensions WDH	350 x 432 x 604 mm
Weight	~ 19 kg
POWER SUPPLY	
Power supply unit	Switch mode,
	(100V - 240V input) +/- 10% multi plug
	compliant to EN 60601-1, EN 61000-6-
	EN 61000-6-3
Power supply output	12V DC / 2.5 A IFC / FN 60 6001

SPECIFICATIONS TSL-7000Hdigital / TSL-7000Zdigital

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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

CAMERA SYSTEM

 Resolution
 2 Megapixel: 1600 x 1200
 Chip size
 1 / 1.8"

 Connectivity
 USB 3.0
 Frame rate
 17.5 fps

 Sensor type
 CCD
 17.5 fps

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SLIT LAMPS TSL-7000 series

DELIGHT IN SIGHT

Exceptional optics. Outstanding reliability.



- Integrated yellow filter
- Exceptional optics
- Work station with application software (TSL-7000Hdigital & TSL-7000Zdigital)
- LED illumination
- Extensive filter and accessory set
- Integrated, high sophisticated camera system (TSL-7000Hdigital & TSL-7000Zdigital)



THE TOMEY TSL-7000 series



QUALITY IN DETAIL

Combining classic beauty with modern technology – our **TSL-7000H** and **TSL-7000Z** 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 / TAT-100T 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.

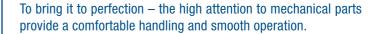






TAKE CONTROL

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 (TSL-7000H*digital*) and TSL-7000Z*digital*) up to camera trigger on the joystick.





DIGITAL CAPTURE + PATIENT MANAGEMENT

The TSL-7000H digital and TSL-7000Z 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.



