

Anexa nr. 2 Lampa cu Fanta , TSL -900Z, Tomey/ Shanghai MediWorks Precision Instrument

<i>Specificarea tehnică deplină solicitată, Standarde de referință</i>	<i>Specificarea tehnică deplină oferita, Standarde de referință</i>
<p>Lampă cu fantă 170100 Microscop binocular care permite examinarea stereoscopică detaliată a structurilor oculare. Parametrul Specificația Lățimea fantei, mm 0-10 minimum, ajustabilă Lungimea fantei, mm 0-10 minimum, ajustabilă Rotirea, grade 0-90 Filtre Minim: albastru, verde, absorbție de căldură Tipul Binocular Mărire totală 10x minimum Metoda de schimbare a măririi Să se indice Gama de reglare a dioptriei, dioptrii de la -7 la +7 minim Deplasare laterală, mm ≥ 100 Deplasare în adâncime, mm ≥ 100 Deplasare în înălțime, mm ≥ 30 Reglare fină de la joystick, mm $\geq \pm 10$ Reglarea înălțimii bărbiei, mm ≥ 70 Alimentarea, 220 V, 50 Hz Setul standard Bec 2 buc.</p>	<p>Lampă cu fantă 170100 Microscop binocular care permite examinarea stereoscopică detaliată a structurilor oculare.- pag 4 Parametrul Specificația Lățimea fantei, mm 0-14, ajustabilă- pag 4 Lungimea fantei, mm 1-14, ajustabilă .- pag 4 Rotirea, grade 0-180°- pag 4 Filtre Minim: albastru, verde (red-free), galben, absorbție de căldură, densitate neutra, difuzor – pag 4 Tipul Binocular – pag 4 Mărire totală 12x -pag.4 Metoda de schimbare a măririi : in 5 trepte : 6x, 10x, 16x, 25x, 40x -pag.4 Gama de reglare a dioptriei, dioptrii de la -8 la +8 – pag. 4 Deplasare laterală, mm 110- pag.4 Deplasare în adâncime, mm -115- pag. 4 Deplasare în înălțime, mm -30 pag. 4 Reglare fină de la joystick, mm -12, pag. 4 Reglarea înălțimii bărbiei, mm 80, - pag. 4 Alimentarea, 100-240 V, 50/60 Hz - pag. 4 Setul va fi livrat cu Becuri - 2 buc</p>

Anexa nr. 3 Autorefractometru RC -900, Tomey/ Potec

Specificarea tehnică deplină solicitată, Standarde de referință	<i>Specificarea tehnică deplină oferita, Standarde de referință</i>
<p>Autorefractometru Cod 170400 Autorefractometru este un dispozitiv utilizat în timpul unui examen oftalmologic pentru a oferi o măsurare obiectivă a erorilor și de prescripție de refracție a unei persoane pentru ochelari sau lentile de contact. Distanța vertex, mm 0, 10, 12, 13.5, 15 Putere sferă (SPH) -25 ~ +25D (pasul 0,12/0,25D) Putere cilindru(CYL) -10 ~ +10D (pasul 0,12/0,25D) Axa 0-180° (pasul 1°) Distanța pupilară, mm 10 - 85(pasul 1) Diametru pupilar minim, mm 2,3 Display LCD Printer Alimentare 220 V, 50 Hz</p>	<p>Autorefractometru Cod 170400 Autorefractometru este un dispozitiv utilizat în timpul unui examen oftalmologic pentru a oferi o măsurare obiectivă a erorilor și de prescripție de refracție a unei persoane pentru ochelari sau lentile de contact. Distanța vertex, mm 0, 12, 13.5, 15- pag 1 Putere sferă (SPH) -30 ~ +25D (pasul 0,12/0,25D) - pag 1 Putere cilindru(CYL) -10 ~ +10D (pasul 0,12/0,25D)- pag 1 Axa 0-180° (pasul 1°) - pag 1 Distanța pupilară, mm 10 – 88 - pag 1 Diametru pupilar minim, mm 2.0 - pag 1 Display LCD 7"- pag 1 Printer incorporat- pag 1 Alimentare 100-240 V, 50/60 Hz- pag 1</p>

SLIT LAMPS TSL-900 SERIES

LED Slit Lamps



TSL-900H

TSL-900Hdigital

TSL-900Z

With the TSL-900 series you'll get the ideal value for your money: high-performance and affordable for everyone.

The excellent quality of the HD optical system and the option to choose a digital imaging system will enable precise observation of the patient's eye. For reliable results and the added value of patient education.



SLIT LAMPS TSL-900 SERIES

Quality in detail

MAIN FEATURES AT A GLANCE

Illumination system

- Inclined (HS-type only)
- Long-life economical LED lamp
- High illumination intensity
- Natural colour temperature
- Optimal observation and analysis of cornea and retina



TSL-900H(digital)



TSL-900Z



Metal Plate Table Kit

- For fast and easy table mounting
- Perfect fit

HD optical system with 5-step magnification

- Resolution up to 200 lp/mm (2,700 N lp/mm)
- Magnification 6×, 10×, 16×, 25×, 40×
- View every detail of all the various structures



All-encompassing filter range

- Including built-in yellow filter
- Red-free, neutral density, blue, IR heat-absorbing filter
- Diffuser

OPTIONAL EQUIPMENT

TAT-80R Applanation Tonometer

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



Measuring eyepiece

- With a reticle inside
- Convenient measurement of pathologies
- For more accurate diagnosis



GET YOUR DIGITAL SLIT LAMP

- TSL-900Hdigital as a complete solution
- Upgrade kit for TSL-900Z and TSL-900H

Digital imaging system includes

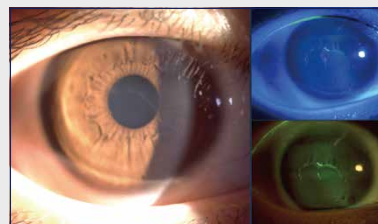
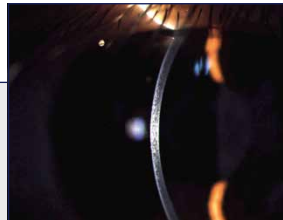
- Digital camera system
- Beam-splitter
- USB cable
- Eyeview software
- Compatible with Windows OS
- IR Background illumination module for Meibomian glands observation (TSL-900H/TSL-900Hdigital)

Performance

- Wide dynamic range
- Meibomian glands examination
- Auto exposure
- Auto gain
- Auto white balance
- Auto OD/OS indicator

Software features

- Easy patient management
- Functional analysis of images and videos
- Comparison of several images at one time
- Customisation based on individual needs



CAMERA SYSTEM (TSL-900Z + digital upgrade kit/TSL-900Hdigital)

Resolution	5 MP/2592 × 1944
Connectivity	USB 3.0
Photo format	JPEG
Video format	MP4 H.264
Chip size	1/1.8"
Frame rate	25 fps

SLIT LAMPS TSL-900 SERIES

Specifications

	TSL-900Z / TSL-900Z + digital upgrade kit	TSL-900H / TSL-900Hdigital
OPTICAL SYSTEM		
Type	Galilean converging binoculars 10°	Galilean converging binoculars 10°
Magnification	5-step rotating drum change 6×, 10×, 16×, 25×, 40×	5-step rotating drum change 6×, 10×, 16×, 25×, 40×
Eyepiece	12.5×	12.5×
Field of view	36.2, 22.3, 14, 8.9, 5.7 mm	36.2, 22.3, 14, 8.9, 5.7 mm
Interpupillary distance	52 to 80 mm	52 to 80 mm
Dioptre adjustment	-8 D to +8 D	-8 D to +8 D
SLIT PROJECTION AND BASE		
Slit width	0-14 mm continuously variable	0-14 mm continuously variable
Slit length	1-14 mm continuously variable	1-14 mm continuously variable
Aperture diameters	0.2, 3.5, 8, 14 mm	0.2, 1, 2, 3, 5, 10, 14 mm
Filters	Yellow, red-free, neutral density, blue, IR heat-absorbing filter, diffuser	Yellow, red-free, neutral density, blue, IR heat-absorbing filter, diffuser
Slit angle	0° to 180°	0° to 180°
Slit inclination	n.a.	5°, 10°, 15°, 20°
Base travel	30 mm Z-axis, 115 mm X-axis, 110 mm Y-axis	30 mm Z-axis, 115 mm X-axis, 110 mm Y-axis
Chin rest vertical movement	80 mm	80 mm
Horizontal fine adjustment	12 mm	12 mm
Fixation lamp	Red LED	Red LED
Light source	White LED	White LED
Luminance	≥150 klx	≥150 klx
DIMENSIONS AND WEIGHT		
Dimensions WDH	330 × 390-460 × 460 mm	330 × 390-460 × 650 mm
Weight	16 kg	17 kg
POWER SUPPLY		
Power supply input	100 – 240 V, 50/60 Hz	100 – 240 V, 50/60 Hz
Power supply output	12 – 15 V DC	12 – 15 V DC



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Specifications



SPHERICAL REFRACTIVE POWER (S)

Measurement range	-30.00 D to +25.00 D
Display unit	0.12 D / 0.25 D

CYLINDRICAL REFRACTIVE POWER (C)

Measurement range	0.00 D to ± 10.00 D
Display unit	0.12 D / 0.25 D

ASTIGMATISM AXIAL (A)

Measurement range	0° to 180°
Display unit	1°

CORNEAL CURVATURE MEASUREMENT (K1, K2, AVG)

Measurement range	5.00 mm to 13.00 mm
Display unit	0.01 mm

CORNEAL ASTIGMATISM AND AXIS (C, A)

Measurement range (C)	0.00 D to -15.0 D
Measurement range (A)	0° to 180°
Measurement area cornea	Central & peripheral
PD range	10 mm to 88 mm
Minimum pupil diameter	2.0 mm
Vertex distance	0.0, 12.0, 13.5, 15.0 mm

AUXILIARY FUNCTION

Retroillumination	Available
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MAIN UNIT

Alignment	Semi auto
Built-in printer	Thermal printer
Output	WiFi, RS 232 C, USB, VGA
Display	7" TFT-LCD tilting/swivel

DIMENSIONS AND ELECTRICAL REQUIREMENTS

Dimensions WDH	260 x 500 x 450 mm
Weight	approx. 20 kg
Voltage	100 VAC to 240 VAC
Frequency	50/60 Hz
Power consumption	40 VA to 60 VA

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RC-900

Auto Ref-Keratometer

You + eye.
We care.

RC-900 Auto Ref- Keratometer

The RC-900 delivers rapid and reliable results. In addition to refraction and keratometry, the RC-900 includes other features like Retroillumination to complement your daily refraction routine.



Convenient operation

The semi-automatic pupil tracking ensures quick adjustment to the ideal measurement height. Thanks to automatic measurement initiation and the user-oriented, tiltable LCD screen, the examination procedure is fast and efficient.



Connectivity

The results of the refraction measurement can be easily exported to TAP-2000 via WiFi or serial connection. The RC-900's display can be mirrored to a 5:3 screen using the VGA video out. Thanks to these connectivity options, you are optimally supported in your daily workflow and can provide an informative experience for your patients.



"THE RC-900 PERFECTLY COMPLEMENTS OUR AUTO REF-KERATO SERIES. IT IS RELIABLE AND OFFERS TRUE ADDED VALUE."

Tony Günther

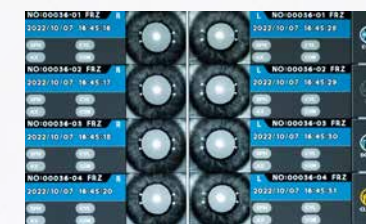
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EASTERN EUROPE/EUROPE

Near vision simulation

By simulating short distances, the RC-900 allows you to assess the patient's need for progressive lenses and to compare vision with and without addition power lenses.

Extensive measuring range

You can examine almost every eye with peripheral Keratometry and the large dioptric measuring range for refraction.



Retroillumination

The retroillumination mode is a fantastic tool for visualising opacities in the crystalline lens or for detecting flaws on contact lenses.