

OMENOS Slit Lamp Series



 **OMENOS[®]**

Eye Health Care new and improved

SIGHTOM 1

Slit Lamp



Essential instrument for daily practice with high optical quality precise mechanics and **ergonomic design**

Feature

Illumination system

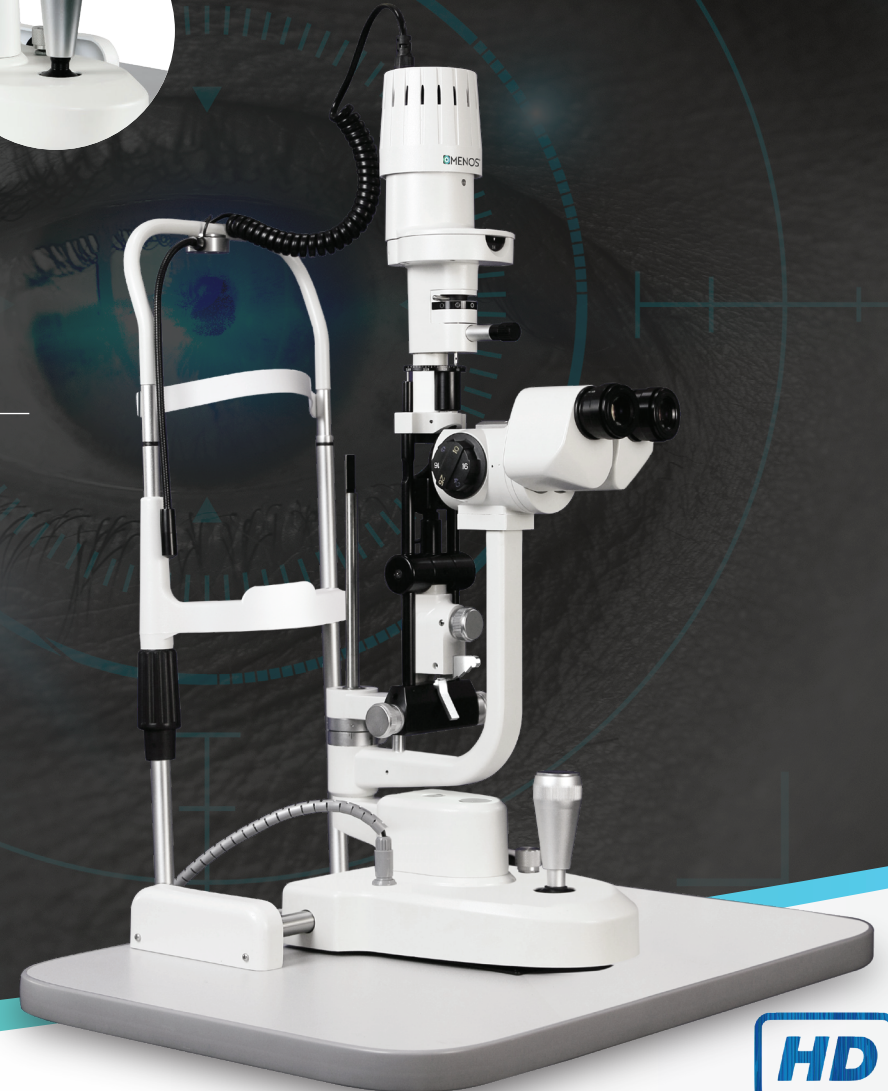
- long lasting warm LED illumination system
- colour temperature provide bright and homogenous Light
- convergent binocular eyepieces allow comfortable fatigue –free daily use

Optical system

Galilean microscope with five step magnification changing by drum
Wide field of view with high resolution and depth of focus

Mechanic system

- smooth base moving for fine focusing
- solid and stable mechanical part
- precise slit adjustment

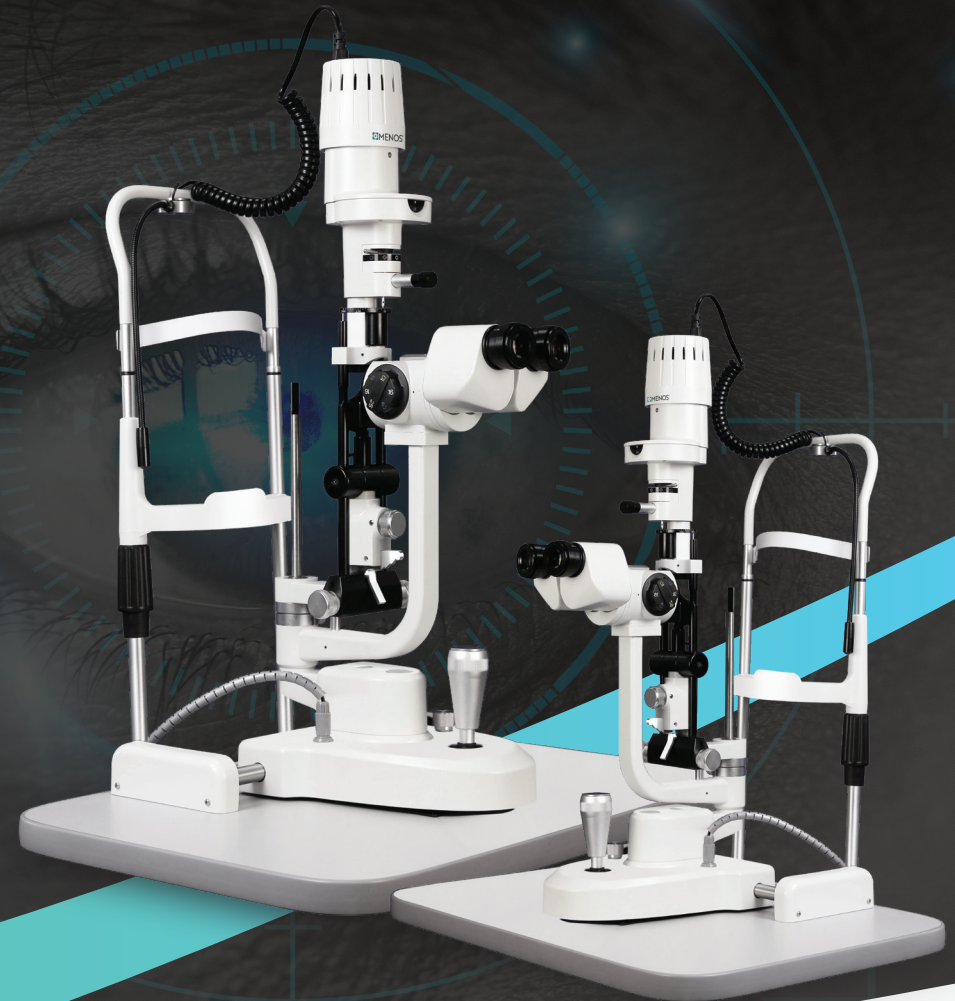


SIGHTOM 1

Slit Lamp

TECHNICAL PARAMETER

Slit Width	0-14mm Continuously Adjustable
Slit Height	1-14mm Continuously Adjustable
lighting Method	Upper Light Source
Fixation Light	Red LED
Aperture Size	∅0.2mm, ∅1mm, ∅3mm, ∅5mm, ∅10mm, ∅14mms ∅1~14mm
Microscope Type	Galilean Parallel Angle
Magnification	6.3x, 10x, 16x, 25x, 40x
Eyepiece Magnification	12.5X
Eyepiece Angle	13°
PD Adjustment	52mm~85mm
Diopter Adjustment	-8D~+8D
Field of View	∅36.2mm, ∅22.3mm, ∅14mm, ∅8.9mm, ∅5.7mm
Filter	Heat absorption, Grey, Redfree (green), Cobalt blue



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SIGHTOM 3

Digital Slit Lamp

Visual digital ophthalmic diagnostic slit lamp designed for collection of **anterior segment image**

Feature

Illumination system

- long lasting warm LED illumination system
- colour temperature provide bright and homogenous Light
- convergent binocular eyepieces allow comfortable fatigue-free daily use

Optical system

Galilean microscope with five step magnification changing by drum
1.4 times optic resolution than normal optics
Twice stereoscopic field and auto recognize OD/OS
Synchronize eyepiece focus with calibration system

Digital system

Using HD acquisition system to obtain high-quality images of the anterior segment
Digital diagnosis and analysis with precise measurement analysis function
real time transmission for digital image



SIGHTOM 3

Digital Slit Lamp

TECHNICAL PARAMETER

Slit Width	0-14mm Continuously Adjustable
Slit Height	1-14mm Continuously Adjustable
lighting Method	Upper Light Source
Fixation Light	Red LED
Aperture Size	∅0.2mm, ∅1mm, ∅3mm, ∅5mm ∅10mm, ∅14mm ∅1~14mm
Microscope Type	Galilean Parallel Angle
Magnification	6.3x, 10x, 16x, 25x, 40x
Eyepiece Magnification	12.5X
Eyepiece Angle	13°
PD Adjustment	52mm ~ 85mm
Diopter Adjustment	-8D~ +80
Field of View	∅36.2mm, ∅22.3mm∅14mm, ∅8.9mm, ∅5.7mm
CCD Camera	12 mega pixel
Beam Splitter Type	80% to Eyepiece, 20% to Camera
Filter	Heat absorption, Grey, Redfree(green), Cobalt blue
Patient information management	
Image processing software	
Auto recognize OD/OS	



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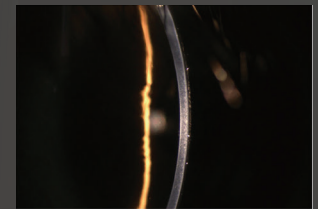
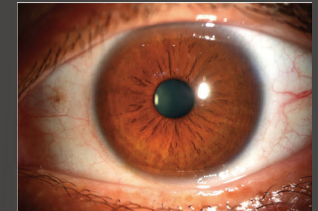
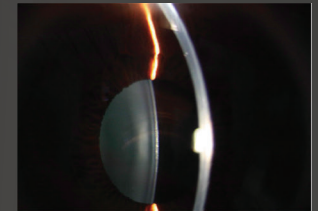
SIGHTOM 5

Portable Slit Lamp

Examining the ocular surface and associated anterior segment lesions is done using a **hand-held slit lamp**.

TECHNICAL PARAMETER

Microscope Type	Binocular Crossed Stereo
P.D Adjustment	49mm-73mm
Eyepiece	10X, 16X
Objective Lens	1X
Diopter Compensation	±5D
Total Magnification	10X, 16X
Slit Width	0-10mm Continuously Adjustable
Spot Diameter	0.5mm, 3mm, 5mm, 10mm
Filter	Heat Absorption, Red Free, Cobalt Blue, Grey
Slit Rotating Angle	Horizontal ±30°
Maximum Illumination of Slit Spot	≥2500LX
Working Distance	80mm
Input Power	7.4V 750mAh



Multi configuration



Complete configuration, easy to carry



Easy operation to finish general inspection of anterior segment quickly

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