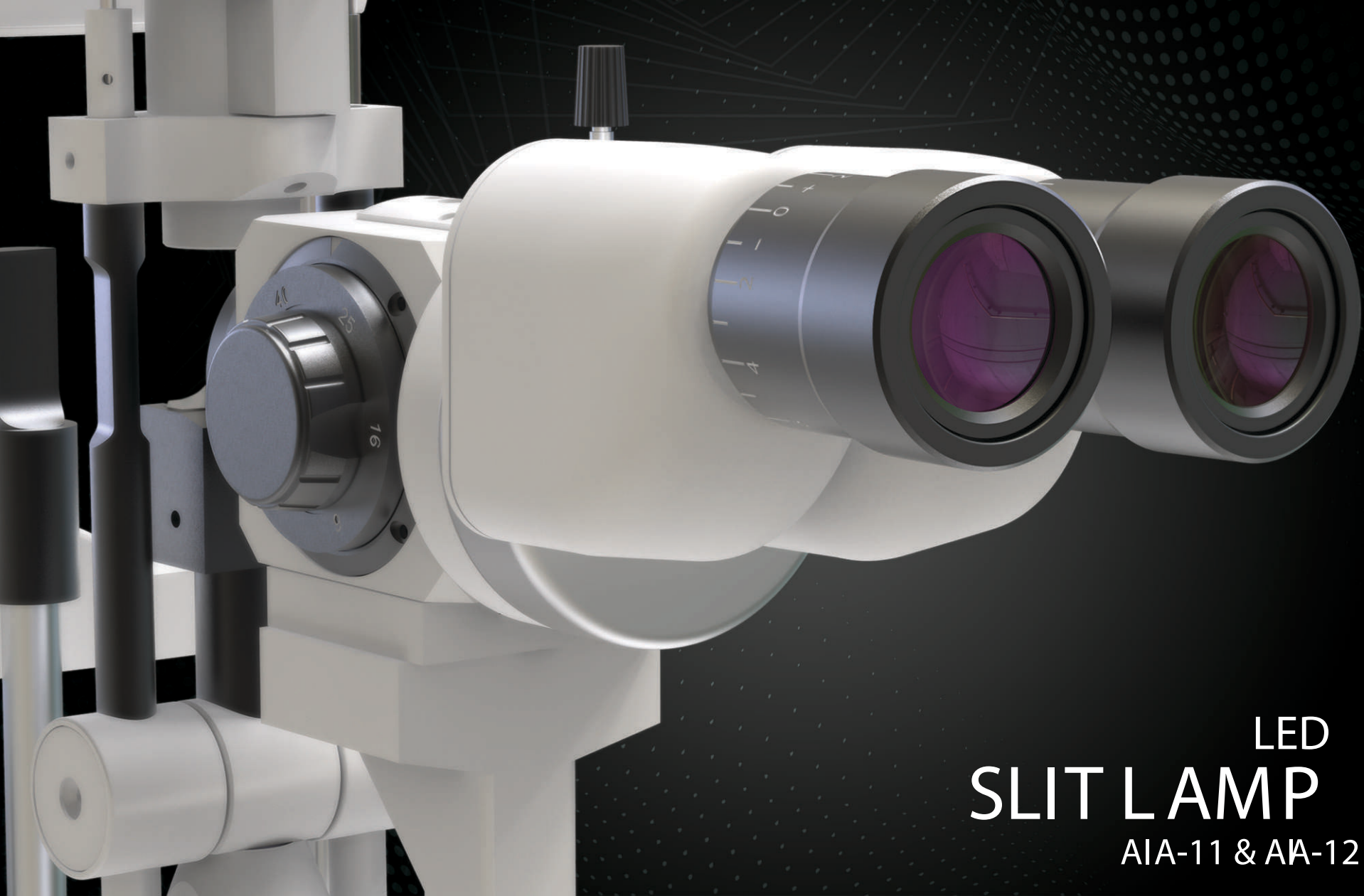
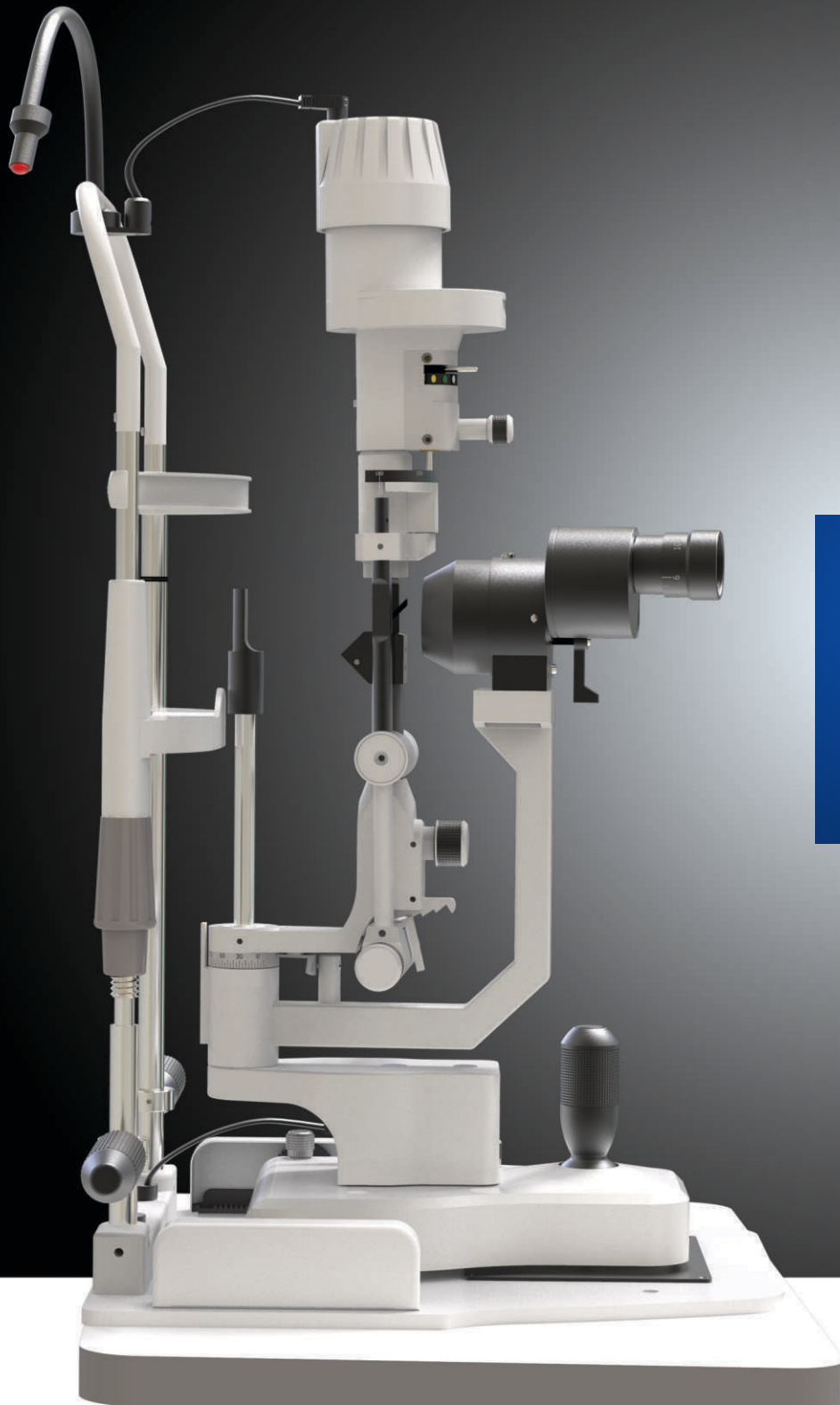




LED
SLIT LAMP
AIA-11 & AIA-12



“Undisputed
in the Luminary Segment”

AIA-11



Optimum Functionality

Stereotype microscope for easy binocular image fusion & fatigue free analysis of anterior segment. The parallel binocular head provides more easy visualization which improves the comfort during long time diagnosis.

Precise optics for wide field of view, accuracy and best for analyzing color aberration.



Multiple Magnification Slit Lamp

Wide range of magnification from 6X to 40X. The drum style magnification for 3 Step and 5 Step Slit Lamp and a lever type for 2 Step Slit Lamp.

Combination of multiple magnification and Precise Optics provides more accurate analysis without any image distortion and visualization of true color.

High eye Point 12.5x eye Piece for 3 Step & 5 Step optical head.

High eye Point 10x Piece for 2 Step Optical head.



Color Filters and Apertures

Multiple color filters for Fluorescein visualization of the ocular surfaces. Color filters are Cobalt Blue, Green Red Free and Heat Absorbing.

Aperture sizes from 0.2, 1, 3, 4, 6, 10 & 14mm in diameters for the extensive field view.

Superior LED Illumination

Proven light source with an optimum color temperature & Low heat output for incredible performance.

The spectrum of the LED allows the physician to see minute structures on the ocular surfaces, which is far better than Halogen Lamp.

Operational Friendly

Omni style joystick on solid base assembly for effortless movement & intensity knob that enhances the usability.



11 Model LED Slit Lamps

Technical Specification

	AIA- 11 2S- L	AIA- 11 3S- L	AIA- 11 5S- L	AIA- 11 Zoom- L
Stereo Microscope Type	: Greenough	Galilean	Galilean	Galilean
Magnification Changer	: Lever	Drum rotation	Drum rotation	Continuous zoom
Working Distance	: 100 mm	100 mm	100 mm	100 mm
Objective Lens Focal Length	: F65 mm	F100 mm	F100 mm	F100 mm
Eye Pieces (Large Optics)	: 10x	12.5x	12.5x	12.5x
Total Magnifications	: 10x, 16x	10x, 16x, 25x	6x,10x,16x, 25x, 40x	6x to 40x continuous
Real Field of View	: 20, 12.5 mm	27, 16, 11 mm	43,27,16,11, 7 mm	43 - 7 mm
Inter Pupillary Distance	: 52 - 90 mm	52- 78 mm	52- 78 mm	52- 78 mm
Diopter Adjustment Range	: -8D to +8D	-8D to +8D	-8D to +8D	-8D to +8D

Common Specifications

Slit image Width	: 0 to 1.4 mm continuously variable
Slit image Height	: 0 to 1.4 mm continuously variable
Illumination field diameter	: 0.2, 1, 3, 4, 6, 10 & 14 mm
Slit Rotation / Inclination	: 0° to 180° / 5°, 10°, 15°, 20°
Filters	: Heat absorbing, Green (Red - free), Cobalt blue
Illumination	: LED 3.4V - 2W
Operation	: 3 Dimensional single handed operation
Instrument base movement	: 99 mm (in/out) 30 mm (up/down) 118 mm (left/right)
Chin rest movement range	: 90 mm

Physical Parameters

Dimensions (L x W x H)	: 655 x 470 x 575 mm
Weight	: Net 18.5 Kg and Gross 25 Kg (approx)

Electrical Specifications

Power supply	: 100-240 V AC~, 0.3A, 47 -63 Hz
Power consumption	: 31 VA max

Standard Accessories

- Focusing test rod (1)
- User manual (1)
- Diffuser (1)
- Rack guard (1set)
- Chin rest pins (2)
- Alignment key (1 set)
- Slitlamp dust cover (1)
- Breath shield (1)
- Chin rest paper pack (1 set)
- Eye pieces 15x for 2 step

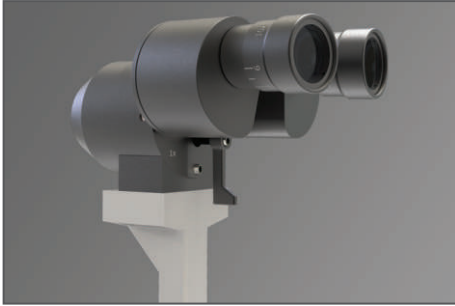
Optional Accessories

- Motorized stand
- Yellow filter
- I.R. cut filter
- Neutral density filter
- Hruby lens
- 3.4V-700 mA LED
- Eye pieces 16x for 2 step



“Superior
Clinical Performance”

AIA-12



Optimal Examination

Compact Slit Lamp with high optical performance provides optimum visualization for the user.

Wide range of step magnification from 6X to 40X. The drum style magnification for 3 Step and 5 Step Slit Lamp and a lever type for 2 Step Slit Lamp. The user's field of view is maximized for clear and sharp vision of ocular defects at the periphery.

Multiple Color Filters And Apertures

Optional color filters to obtain superior fluorescein images. Color Filters include Cobalt Blue, Green Red Free, Heat Absorbing.

Aperture sizes from 0.2, 1, 3, 5, 8, 10 & 14mm in diameters for the extensive field view

Exceptional Illuminance

LED light source makes examination very comfortable with an optimal color temperature and Exceptional performance.

Sharper & even distribution of light is achieved in LED.



Optional Accessories

All series of slit lamps are easily compatible for Applanation Tonometer, & Motorized Instrument Table



Applanation Tonometer

Principle	: Goldmann tonometry
Measurement range	: 0-80 mmHg in 2mmHg steps
Measurement accuracy	: ± 0.5 mm Hg



Motorized Instrument Table

Simple and sturdy motorized table that can lift the load capacity of 100kg with an UP/DOWN Movement range of 150mm (10"). Motorized Table is suitable for both 11 & 12 model Slit Lamps.

12 Model LED Slit Lamps

Technical Specification

		AIA- 12 2S- L	AIA- 12 3S- L	AIA- 12 5S- L	AIA- 12 Zoom- L
Stereo Microscope Type	:	Greenough	Galilean	Galilean	Galilean
Magnification Changer	:	Lever	Drum rotation	Drum rotation	Continuous zoom
Working Distance	:	100 mm	100 mm	100 mm	100 mm
Objective Lens Focal Length	:	F65 mm	F100 mm	F100 mm	F100 mm
Eye Pieces (Large Optics)	:	10x	12.5x	12.5x	12.5x
Total Magnifications	:	10x, 16x	10x, 16x, 25x	6x,10x,16x, 25x, 40x	6x to 40x continuous
Real Field of View	:	20, 12.5 mm	27, 16, 11 mm	43,27,16,11, 7 mm	43 - 7 mm
Inter Pupillary Distance	:	52 - 90 mm	52 - 78 mm	52 - 78 mm	52 - 78 mm
Diopter Adjustment Range	:	-8D to +8D	-8D to +8D	-8D to +8D	-8D to +8D
Common Specifications					
Slit image Width	:	0 to 14 mm continuously variable			
Slit image Height	:	0 to 14 mm continuously variable			
Illumination field diameter	:	0.2, 1, 3, 5, 8, 10 & 14 mm			
Slit Rotation	:	0° to 180°			
Filters	:	Heat absorbing, Green (Red - free), Cobalt blue			
Illumination	:	LED 3.4V - 2W			
Operation	:	3 Dimensional single handed operation			
Instrument base movement	:	99 mm (in/out) 30 mm (up/down) 118 mm (left/right)			
Chin rest movement range	:	90 mm			
Physical Parameters					
Dimensions (L xWxH)	:	655 x 470 x 575 mm			
Weight	:	Net 18.5 Kg and Gross 25 Kg (approx)			
Electrical Specifications					
Power supply	:	100-240 V AC~, 0.3A, 47-63 Hz			
Power consumption	:	31 VA max			

Standard Accessories

- Focusing test rod (1)
- User manual (1)
- Diffuser (1)
- Rack guard (1set)
- Chin rest pins (2)

- Allen key (1 set)
- Slitlamp dust cover (1)
- Breath shield (1)
- Chin rest paper pack (1 set)
- Eye pieces 15x for 2 step

Optional Accessories

- Motorized stand
- Yellow filter
- I.R. cut filter
- Neutral density filter

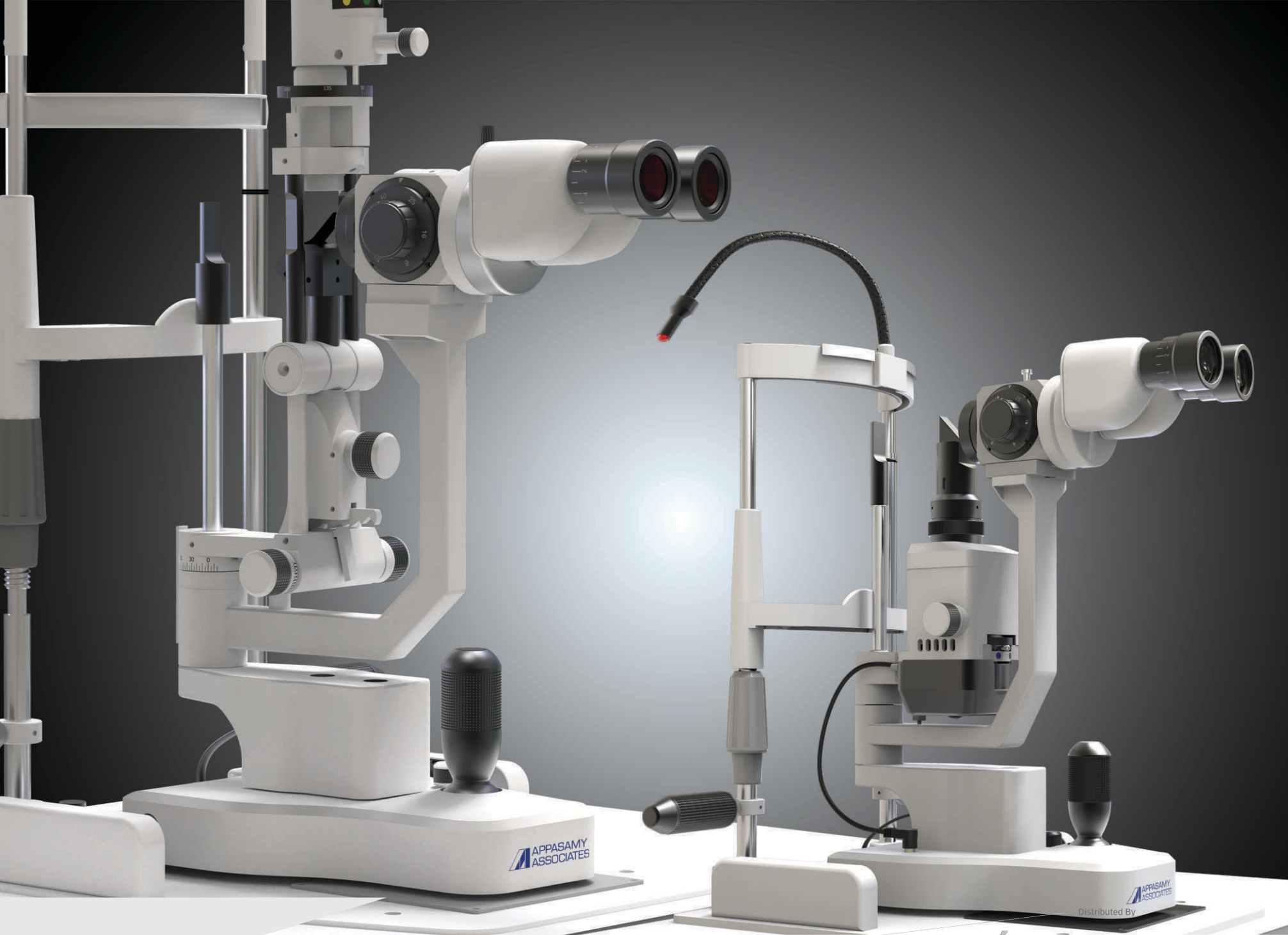
- Hruby lens
- 3.4V-700 mA LED
- Eye pieces 16x for 2 step

Standard Accessories

- Focusing test rod (1)
- User manual (1)
- Diffuser (1)
- Rack guard (1set)
- Chin rest pins (2)
- Allen key (1 set)
- Slitlamp dust cover (1)
- Breath shield (1)
- Chin rest paper pack (1 set)
- Eye pieces 15x for 2 step

Optional Accessories

- Motorized stand
- Yellow filter
- I.R. cut filter
- Neutral density filter
- Hruby lens
- 3.4V-700 mA LED
- Eye pieces 16x for 2 step



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