

SLIT LAMP ESL-2600

ILLUMINATE THE PATH TO PERFECT
VISION WITH UNMATCHED CLARITY AND
PRECISION.

ELI
eZer®



ESL-2600

The ESL-2600 Slit Lamp by Ezer delivers exceptional wide-field optical performance, combining advanced features with a high-quality design.

It incorporates Haag-Streit style tower illumination and a Cross-Angle Stereovision Converging Binocular Optical System. The **ESL-2600** includes user-friendly controls and a two-step magnification system, easily adjustable between 1x and 1.6x with a convenient lever. This system provides magnifications of 10x (Ø18mm) and 16x (Ø14.5mm) with the 10x eyepiece. The high-luminance lamp ensures superb clarity, complemented by four easily interchangeable Illumination Pathway Filters.

ESL-2600

The **ESL-2600** can also be fitted with a Goldman applanation tonometer. Its combination of excellent features, superior design, outstanding performance, and affordability makes the Ezer **ESL-2600 Slit Lamp** a valuable choice.



FEATURES

• **CROSS-ANGLE STEREOVISION CONVERGING BINOCULAR OPTICAL SYSTEM:**

Ezer's ESL-2600 features an advanced Cross-Angle Stereovision Converging Binocular Optical System that delivers exceptional clarity and sharpness with a short observer-to-patient distance, ensuring crisp images and outstanding resolution. It also includes a Haag-Streit Style Tower Illumination System positioned above the observation system, which enhances flexibility by minimizing reflections during gonioscopy and expanding the peripheral view during indirect ophthalmoscopy.

• **TWO-STEP MAGNIFICATION:** The ESL-2600 features advanced optics with a convenient two-step magnification system. Easily adjustable during the exam using a lever, it offers magnification settings of 1x and 1.6x.

• **FIELD OF VIEW FOR PUPIL DISTANCE ADJUSTMENT:** Ezer's ESL-2600 provides a large binocular field of view, with diameters of Ø18mm and Ø14.5mm. It offers high resolution and allows for pupil distance adjustment ranging from 55mm to 82mm, as well as diopter adjustment up to ±5D.

• **INTEGRATED CONTROL JOYSTICK:** The integrated joystick provides easy control for sharp image acquisition. The ESL-2600's base allows flexible movement: forward/back, left/right, fine adjustment, and vertical. The joystick enables horizontal fine-tuning and vertical alignment. Once aligned, the base can be locked to prevent sliding.

• **ERGONOMICALLY DESIGNED ILLUMINATION CONTROL:** The sleek design ensures effortless operation with precise joystick and knob movements. The illumination lever is conveniently located next to the joystick, while the brightness control switch offers High or Normal settings, making diagnostic procedures simpler.

• **HIGH CLARITY LUMINANCE AND BUILT-IN**

FILTERS: The ESL-2600 features a bulb that delivers exceptional clarity. It includes four built-in illumination filters that can be easily switched using a selection lever. These filters consist of a heat absorption filter for patient comfort, a red-free filter for enhanced contrast, a cobalt blue filter for fluorescein assessments, and a grey filter.

• **CONTINUOUS SLIT AND APERTURE ADJUSTMENT:**

The ESL-2600 offers continuous adjustment of slit width and height, with the slit transforming into a circle at its maximum width. Aperture sizes and slit angles are also fully adjustable.

• **TWO FIXATION TARGETS:**

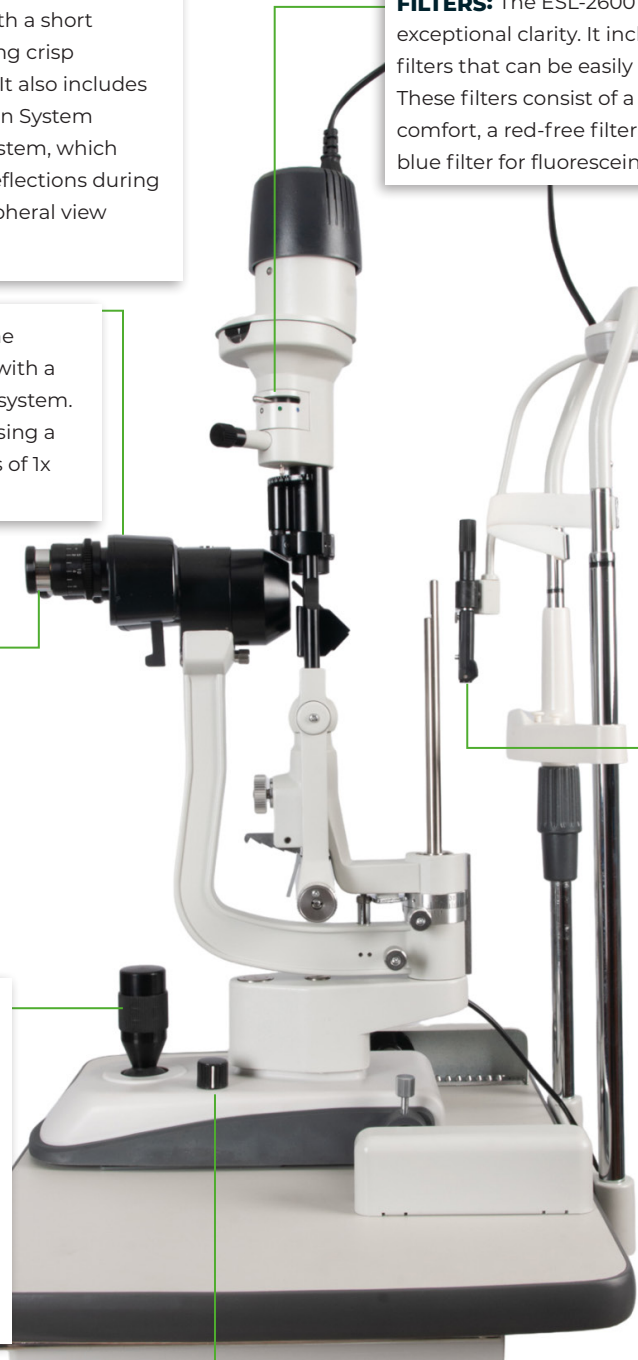
The fixation target with diopter adjustment and diopter compensation.

• **APPLANATION TONOMETER:**

This slit lamp can be equipped with TN-150 / TN-150B applanation tonometer to measure the intraocular pressure.

• **FUNDUS OBSERVATION:**

allows for a dilated examination of the fundus and the posterior segment of the vitreous body using a Hruby Lens with the unit's Hruby Lens Holder and Hruby Lens Guide Plate.



SPECIFICATIONS

MICROSCOPE	Type	Cross-Angle Stereo-Vision
	Magnification	Change the objective for 2 grade magnification
	Eyepiece	10x
	Total Magnification Rate	Objective x Eyepiece = magnification rate / vision field
		1x 10x 10x ø18mm
		1.6X 10X 16X Ø14.5mm
	Range of P.D. Adjustment	10x eyepiece 2.16in to 3.22in (55mm to 82mm)
ILLUMINATION	Diopter Adjustment	10x eyepiece ±5D
	Slit Projection Magnification	2/3x
	Slit Width	continuous from 0mm/0in to 9mm/0.35in (at 9mm/0.35in, slit becomes a circle)
	Slit Height	continuous from 1mm/0.04in to 8mm/0.31in
	Aperture Diameter	Ø0.35in, Ø0.31in, Ø0.2in, Ø0.12in (Ø9mm, Ø8mm, Ø5mm, Ø3mm) Ø0.08in, Ø0.04in, Ø0.008in (Ø2mm, Ø1mm, Ø0.2mm)
	Slit Angle	0° to 180° continuously adjustable from vertical to horizontal
	Filter Piece	heat-absorption, grey, red-free and blue
MOVEMENT BASE	Illumination Bulb	6V 20W halogen bulb
	Back and Forth Movement	90mm/3.54in
	Left and Right Movement	100mm/3.94in
CHIN-REST PARTS	Fine Vertical Movement	15mm/0.6in 30mm/1.2in
	Vertical Movement	80mm/3.15in
	Fixation Target	Red-LED
POWER SOURCE	Input Voltage	100/220V ~±10%
	Input Frequency	50/60 Hz ±1Hz
	Input Power	30VA
	Output Voltage	Illumination bulb 0V ~ 6V Fixation target 6V
DIMENSION AND WEIGHT	Packing Box	670 x 570 x 510mm 26.4 x 22.4 x 20.08in
	Total Weight	23 kg / 50.6 Lb
	Net Weight	20 kg / 44 Lb