



# Lumin Pro

Ophthalmic Surgical Operating System



Designed for the Depths of Eye Precision  
Deep Focus, Wide Vision

Technical Data : Lumin Pro – OPHTHALMOLOGY

Products	Features	Specifications
Optical Head	Optics	BBAR coated apochromatically corrected optics
	Eye Piece	10 X Wide Field & High Eye Point (Diopter Adjustment +6D to -6D)
	Binocular Tube	45° inclined Binocular with converging Optics (F=170mm) (Inter Pupillary Distance: 50mm to 75mm)
	Magnification	Manual 5 step - 0.4X, 0.6X, 1.0X, 1.6X, 2.5X Total Magnification: 3.5X, 5.3X, 8.7X, 14.2X, 22.1X
	Working Distance	200 mm
	Field if View (in Diameter)	60mm, 40mm, 24mm, 15mm, 9.6mm
	Fine Focus	Motorized 50mm Fine Focus
Illumination	Light Source	High Power LED
	Illumination	Oblique Illumination: Homogenous shadow free bright spot in two modes. White Day Light mode (or) Halogen light effect mode Co Axial Illumination: DUAL Co Axial <b>rediGlow</b> illumination ensures bright red reflex
	Illumination Spot size	50mm
	Light Intensity Adjustment	Continues
	Filters	Integrated Heat & UV cutoff filter, Halogen effect filter and Green filter (Blue cut)
	XY	50mm x 50mm XY movement
	Foot Switch	Foot Switch control for Focus, rediGlow on/off, XY movement
Floor Stand	Type	Floor Stand
	Arm Extension	1320mm
	Balance Arm Vertical stroke	400mm
	Base Size	800mm X 800mm
	Power consumption	150 watts
	Power Supply	AC 230V, 50/60Hz
	Weight	Less than 110 Kg

Accessories

Features	Specifications
Assistant binocular microscope with for Stereoscopic view	Assistant binocular microscope capable of stereoscopic viewing integrated with main microscope body with 5 step magnification
Video Attachment	Full HD in-built camera attachment with 24" HD monitor mounted on stand
Power supply	110 – 230, 50/60 Hz, 5A (max)
Power consumption	150 watts

Accessories & Optional Add-Ons

- Inbuilt Camera -

