



LABOMED® 
ideas for vision

STELLA |
iRes



CLEAR VISION, PRECISE CARE, EXCEPTIONAL OUTCOMES



The Labomed Stella iRes delivers precision outcomes in surgeries through its exceptional optics, optimal Red reflex illumination, and increased depth of focus. Precision movements and controls enable surgeons to work with accuracy and finesse. Ergonomic design ensures comfort and reduces fatigue, allowing for focused procedures. This synergy of advanced technology and thoughtful design empowers surgeons to achieve optimal results, enhancing patient care and outcomes with every procedure.

The Labomed Stella iRes features a motorized zoom for seamless magnification, twin oblique Duolite for the purest Red reflex, and a unique optical arrangement providing the highest depth of focus, ensuring exceptional visualization and precision in every procedure. Enhancing surgical accuracy and outcomes.



STREAMLINED FOR BEST RESULT

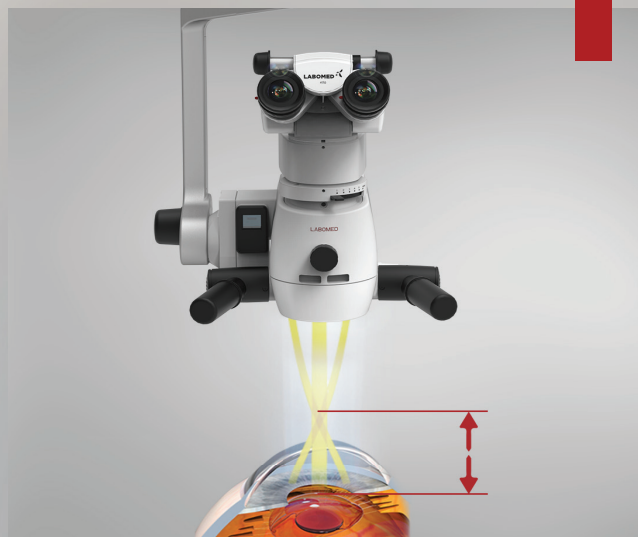


The Labomed **Stella iRes** is engineered for optimal surgical outcomes. Its ergonomic binocular head promotes optimal surgeon posture, while VisiCam enables seamless display and archiving. With motorized positioning of the microscope's zoom magnichanger, operation is effortless, enhancing patient care and surgical excellence through streamlined functionality and advanced technology.

The Labomed **Stella iRes** achieves optimum Red reflex through its unique **Duolite** illumination system, providing unparalleled visualization for precise procedures in cataract, corneal, anterior & posterior segment, and other ophthalmic surgeries, enhancing surgical accuracy and patient outcomes.



The Labomed **Stella iRes** achieves superb depth of focus through its unique optical arrangement and advanced illumination technique, providing an extended focal range. This enables surgeons to visualize structures with clarity, enhancing precision and control in complex ophthalmic procedures.



This feature-rich, versatile design of **Stella iRes** makes it a highly adaptable microscope. It caters to diverse needs of ophthalmic surgeons with advanced optics, illumination and ergonomic capabilities, ensuring optimal performance.



ELEVATE PRECISION, ILLUMINATE SURGERY



The Labomed **Stella iRes** ophthalmic microscope excels in delivering exceptional performance across various disciplines. Its brilliant optics, advanced illumination and photo imaging accessories make it ideal for cataract, corneal, glaucoma, and vitreo-retinal surgeries. With motorized focus and versatile design, **Stella iRes** meets diverse needs of ophthalmic surgeons enhancing surgical outcomes and patient care.



SPECIFICATIONS

Stand	Robust, vibration free stand on cross base with four lockable castors
Observation tubes	Standard: 0-210° Binocular tiltable head F=170 mm configured with Double beam splitter & Double Iris attachment for depth of field management
Stereo Base	22 mm
Eyepieces	Standard: WF 12.5X/18 mm with eye guards Option: WF 10X/20 mm with eye guards
Dioptre Adjustment	±7 mm
Magnichanger	MaxLite coated, Apochromatic, Motorized zoom system with digital display
Objective	F 225 mm WD-180 mm
FOV diameter	58.5 mm–9.7 mm
Magnification Range	Continuous zoom 1:6(3.9 to 23.2) with tilt mechanism
Illumination field diameter	65 mm
Fine focus	Range 40mm, motorized noise free
XY Travel	50 X 50mm with auto reset
Light source	UV & IR free 50W LED
LUX	70 K
Maximum Wattage	200 Watts
Color temperature	5700 k
Built-in filters	Blue blocking (Yellow), Green & Blue filter
Optional accessories	Assistant binocular attachment, Proline range of camera adapters, Smart phone adapters, Fundus viewing attachment, Image inverter, VisiCam 2.0
Swivel Arm	470 mm
Suspension Arm	1000 mm
Swivel Arm rotation	±180°
Suspension Arm rotational	±180°
X-Y rotation	270°
Vertical movement of suspension arm	±300 mm
Foot switch	10 function wired foot switch for xyz, magchanger & intensity control
Max. suspension load	12 kg
Base diameter	850 mm
Base & column weight	170 kg
Arm weight	24.5 kg
X-Y, magchanger, head weight	9.5 kg
Total height	1880 mm
Maximum extension of arm	1620 mm

DESCRIPTION
Stella iRes

CONFIGURATION
Floor Mount

CATALOG NO
6219305



A16372 ISO 13485 : 2016

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