

NOW AVAILABLE FROM ALCON

LuxOR™ Ophthalmic Microscope

with ILLUMIN-i® Technology

The LuxOR™ Ophthalmic Microscope combines comprehensive, consistent visualization with user-friendly functionality:

- Superior red reflex stability¹
- Greater depth of focus¹
- Easily accessible microscope feedback
- Procedure-enhancing upgrades



LuxOR™ MICROSCOPE OPTICS

- Eyepiece, binoculars and objective lens
- Designed for optimal surgeon comfort and performance

FLOOR STAND

- Engineered to effortlessly hold the weight of the microscope with stability

LIBERO-XY™ FOOT CONTROL

- Wireless, rechargeable, programmable, waterproof
- All the same control capabilities as the touch-screen display

ILLUMIN-i® TECHNOLOGY

- Patented three-beam, collimated illumination for superior red reflex stability¹
- Proprietary configuration below the objective lens
 - Provides a 6x larger red reflex zone¹
 - Allows greater depth of focus for improved detail recognition¹

LIBERO-XY™ COMMUNICATION SYSTEM

- Full-color touch screen
- At-a-glance access to unique parameters, such as XY and focus position
- Calculates and displays unique True Magnification Indicator
- Allows versatile customization:
 - Illumination level, speed of focus, zoom, XY
- Saves settings for future use:
 - Pupillary distance, initial focus point, magnification level and more

THE LUXOR™ MICROSCOPE: SPECIFICATIONS

MICROSCOPE

Binocular:	0° – 215° inclinable; f=170 mm
Objective lens:	wd=165 mm, wd=175 mm, wd=190 mm or wd=200 mm
Magnification:	Motorized; .5x – 2.0x with automatic reset
Focus:	Motorized with 55 mm travel and automatic reset
Eyepieces:	10x with widefield telescoping eyecups
Pupillary distance:	50 mm – 75 mm
Filter:	UV and IR notch filters with AR coating
Tilt mechanism:	Manual; -30° – +90°

ILLUMINATION AND ELECTRICAL

Light source:	12 v 100 w rated at 2,000 hours
Illuminated field:	1882.9 mm ²
Power source:	110 – 240 V; 50 – 60 Hz
Classification:	Class 1
Type:	Type B

MOUNTING SYSTEM

Type:	E-71 with spring-adjusted articulating arm
Horizontal reach:	Arm=47"; End of optics=50"
Vertical reach:	28"
Rotational angle:	320°
LIBERO-XY unit:	Motorized with 60 mm movement range and automatic reset
Base:	33" x 31" x 10" with 5 dual locking casters

WEIGHT

Shipping weight:	±320 lb
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HEIGHT

Minimum transport:	72"
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ASEPSIS

Sterilizable covers for all knobs
Full system drapes



Contact your sales representative today or visit AlconSurgical.com for more information about the LuxOR™ Ophthalmic Microscope from Alcon.

1. Data on file, Alcon Laboratories, Inc.