LAXCO™

A Microscope for Everyone

LAXCO Microscopes

SeBa, LMC, LMI, LMS Series

Version 1.0

Fisher Scientific

SeBa Digital Imaging Systems

SeBa 2

- 4 position objective nosepiece
- 9.7” full retina touchscreen display
- 5MP color camera
- Individual user login via access card(s)
- Easily capture, review, measure, print, and annotate images
- Brightfield, darkfield, simple polarization, and phase contrast
- Upload images to SeBaShare or save to USB drive
- User-friendly touchscreen interface
- Parfocal, parcentric, infinity plan achro optical system

SeBa 3

- 5 position objective nosepiece
- 9.7” full retina touchscreen display
- 5MP color camera
- Individual user login via access card(s)
- Easily capture, review, measure, print, and annotate images
- Brightfield, darkfield, simple polarization, and phase contrast
- Upload images to SeBaShare or save to USB drive
- User-friendly touchscreen interface
- Parfocal, parcentric, infinity plan achro optical system

SeBa Pro 4

- 5 position objective nosepiece
- 9.7”, 2736 x 1824 retina display with 10 point multi-touch display
- 16MP color camera
- Individual user login via access card(s)
- Easily capture, review, measure, print, and annotate images
- Brightfield, darkfield, simple polarization, and phase contrast
- Upload images to SeBaShare or save to USB drive
- Parfocal and parcentric infinity optical system
- Plan achromat objectives standard, plan fluor (optional)
- X/Y rackless wire-driven stage

SeBa Pro 4B

- Binocular head with 22mm FOV 10x eyepieces
- 5 position objective nosepiece
- 9.7”, 2736 x 1824 retina display with 10 point multi-touch display
- 16MP color camera
- Individual user login via access card(s)
- Easily capture, review, measure, print, and annotate images
- Brightfield, darkfield, simple polarization, and phase contrast
- Upload images to SeBaShare or save to USB drive
- Parfocal and parcentric infinity optical system
- Plan achromat objectives standard, plan fluor (optional)
- X/Y rackless wire-driven stage

SeBa Pro 5

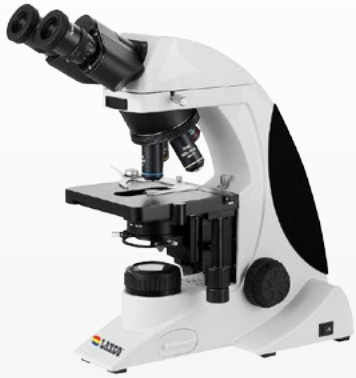
- 6 position objective nosepiece
- 9.7”, 2736 x 1824 retina display with 10 point multi-touch display
- 16MP color camera
- Individual user login via access card(s)
- Easily capture, review, measure, print, and annotate images
- Brightfield illumination
- Upload images to SeBaShare or save to USB drive
- Parfocal and parcentric infinity optical system
- Plan fluor objectives standard, plan achromat (optional)
- X/Y rackless wire-driven stage
- Integrated LBD and ND filters

LAXCO™

LMC Series Upright Microscopes

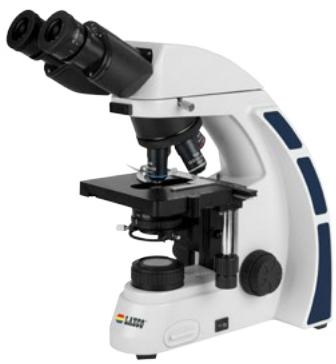
LMC 1000

- 4 position objective nosepiece
- Biological “micro” and macro configurations
- Carrying handle
- Brightfield observation
- Carrying handle
- Lightweight, stable main body for easy portability
- Finite corrected optical system
- 30° observation angle with interpupillary and diopter adjustments
- 3 watt with 50,000 life span
- Low-position, X/Y axis mechanical stage allows for precise sample movement
- Reversed nosepiece allows for easy access to slides
- Adjustable focusing stop protects slide
- Rack and pinion focusing mechanism for smooth focus control
- Rechargeable; battery operation for field use provides 8 hours of continuous illumination



LMC 2000

- 4 position objective nosepiece
- Carrying handle
- Stable main body
- Brightfield, Darkfield, Simple, Polarization and Phase Contrast
- Infinity corrected optical system
- 45° observation angle with interpupillary and diopter adjustments
- 3 watt, adjustable LED illumination with 50,000 hour life span maintains constant color temperature
- Low-position, X/Y axis mechanical stage allows for precise sample movement
- Reversed nosepiece allows for easy access to slides
- Adjustable focusing stop protects slide
- Rack and pinion focusing mechanism for smooth focus control
- Full Koehler illumination with field and iris diaphragm

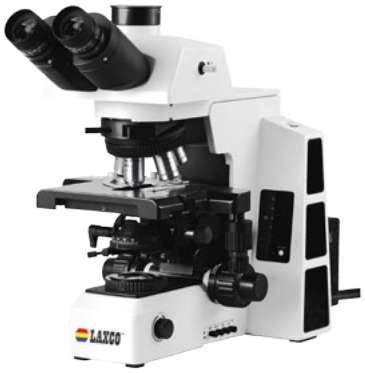


LMC 3000

- 5 position objective nosepiece
- Carrying handle
- Stable main body
- Brightfield, Darkfield, Simple Polarization, Phase Contrast and Fluorescence Illumination
- Infinity corrected optical system
- High contrast, broad beam optical design
- Rack and pinion focusing mechanism for smooth focusing control
- Stable main body design
- X/Y mechanical stage
- 360° rotating binoculars
- 50 to 75mm interpupillary distance
- 10x magnification, with 20mm wide field eyepieces
- 3 watt bright white LED, 50,000 life span
- Full Koehler illumination with field and iris diaphragm

LMC 4000

- 5 position objective nosepiece)6 pos optional)
- Y-Shaped body for maximum stability
- Carrying handle
- Brightfield, Darkfield, Polarization, Metallurgical, Phase Contrast and Fluorescence Illumination
- Infinity corrected optical system
- High contrast, broad beam optical design
- Rack and pinion focusing mechanism for smooth focusing control
- Rackless, X/Y mechanical stage with adjustable tension
- Modular design allows for flexibility in system configuration
- Plan Achromat objectives standard, Plan Fluor (optional)
- 10x Eyepieces with 22mm widefield eyepieces
- 50 to 75mm interpupillary distance

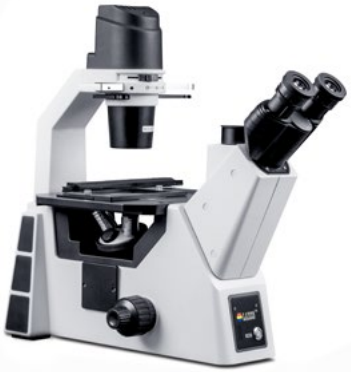


LMC 5000

- 6 position objective nosepiece
- T-Shaped body for maximum stability
- Brightfield, Phase Contrast, Fluorescence and Metallurgical Illumination
- Infinity corrected optical system
- High contrast, broad beam optical design
- Rack and pinion focusing mechanism for smooth focusing control
- Rackless, X/Y mechanical stage with adjustable tension
- Modular design allows for flexibility in system configuration
- 12V/100W Halogen Illumination
- Plan Fluor objectives standard, Plan Ach (optional)
- 10x Eyepieces with 25mm widefield eyepieces

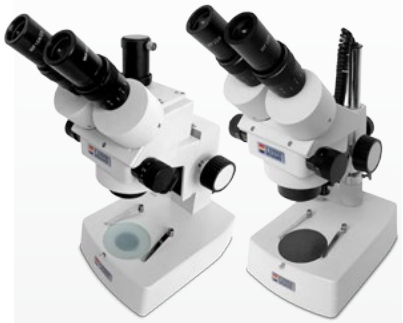
LMI Inverted

LMS Standard Stereo Zoom Systems (6.4:1 zoom ratio)



LMI 6000

- 4 position objective nosepiece
- Large T-Shaped body for maximum stability
- Brightfield, Phase Contrast and Fluorescence Illumination
- Integrated photo port
- ECO IR sensor automatically saves power when scope is not in use
- 5W transmitted LED
- Plan Achromat objectives standard, Plan Fluor (optional)
- 10x Eyepieces with 22mm widefield eyepieces
- 0.3 NA condenser, 72mm WD, removable
- High contrast for cell and tissue culture applications
- Optional mechanical stage for precise X/Y control of samples.



MZS1 Compact Stand
MZS2 Compact Pole Stand

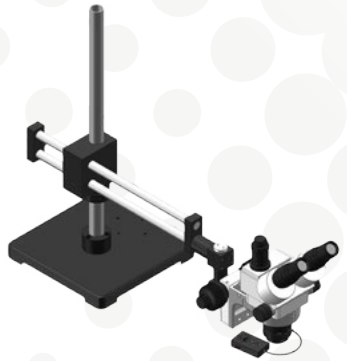
- Binocular and trinocular and binoc/ digital options available
- Dual diopter adjustments accommodates different eye focal length
- Magnification range from 7x to 45x (optional range 3.5x to 180x)
- Smooth, continuous parfocal zoom
- 6.4:1 zoom ratio
- Fluorescent lower illumination
- 15 watt halogen, with reflector for upper illumination
- Individually control light sources
- Rugged, all metal construction
- MZS2 stand features a 12" vertical pole which easily accommodates small and large samples

MZS4 Transmitted LED Stand

- Binocular and trinocular (for camera) options
- Dual diopter adjustments accommodates different eye focal length
- Magnification range from 7x to 45x (optional range 3.5x to 180x)
- Smooth, continuous parfocal zoom
- 6.4:1 zoom ratio
- LED lower illumination with tilting mirror or adjustable contrast
- Rugged, all metal construction

T10 Reflected Track Stand

- Binocular and trinocular and binoc/ digital options available
- Dual diopter adjustments accommodates different eye focal length
- Magnification range from 6.5 to 60X (optional range 3.5X to 120X)
- Smooth, continuous parfocal zoom
- 6.4:1 zoom ratio
- 10" of focus travel
- Low profile, ergonomic base
- Large work surface; 218mm x 302mm



BM20 Dual Arm Boom Stand with LED Ring Lamp

- Trinocular Head with 23mm Camera Port and c-mount adapter
- Primary Zoom Range from 0.7x - 45x
- 7x - 45x Magnification with 10x Eyepieces (included)
- 0.5x Auxiliary Lens (3.5x - 22.5x mag.)
- 45° eyetubes
- Dual Arm Boom Stand
- 20.8" horizontal reach
- 15" of vertical height adjustment
- Coarse/fine focus adjustment
- LED Ring Light
- Control pod to adjust LED quadrants and brightness

LAXCO™

LMS Broad Range Stereo Zoom Systems (9.2:1 zoom ratio)

LED Illuminator

BM300/500 Boom Stand with Fiber Optic Illuminator

- Binocular, trinocular and dual head options
- 23" of 360 degree reach
- 17" of vertical height adjustment
- Easily move between small and large size samples
- Focusing mechanism, with smooth ball-bearing rack-and-pinion
- Sturdy steel construction
- Counter balanced horizontal pole
- 150 watt fiber optic illumination with ring light

D10 Standard Illumination Stand

- Binocular and trinocular and digital options
- Broad range in magnification from 6.5 to 60X (optional range 3.5X to 120X)
- Smooth, continuous parfocal zoom (9.2:1 zoom ratio)
- Large contoured stage
- 20w transmitted, 15w reflected illumination
- Independent variable intensity controls

MZS32/33 Advanced LED Illumination Stand

- Binocular and trinocular options
- Brightfield, darkfield and fluorescence illumination options available
- Broad range in magnification from 6.5 to 60X (optional range 3.5X to 120X)
- Smooth, continuous parfocal zoom (9.2:1 zoom ratio)
- Recessed opening for up to 100mm size petri dishes for darkfield illumination
- Floating stage to move sample around in darkfield well
- Capacitive touch illumination control panel
- 10" of focusing travel on continuous gear
- Low profile, ergonomic base
- Removable, dual LED light guides with available interchangeable wavelength specific LEDs
- Interchangeable nose piece allows for optional LED ring lamp
- 120 Watt equivalent LED transmitted ring lamp

A10 Pneumatic Arm Stand

- Binocular and trinocular AND DIGITAL options
- Broad range in magnification from 6.5 to 60X (optional range 3.5X to 120X)
- Smooth, continuous parfocal zoom (9.2:1 zoom ratio)
- 10.8" (275mm) horizontal reach and 9.38" (238.25mm) in vertical height
- Clamps onto surfaces up to 2.99" (76mm) thick
- Pneumatic arm to easily adjust height
- 150 watt fiber optic illumination with ring light

T40 Dual LED Illumination Stand

- Binocular and trinocular and digital options
- Broad range in magnification from 6.5 to 60X (optional range 3.5X to 120X)
- Smooth, continuous parfocal zoom (9.2:1 zoom ratio)
- 10" of focus travel
- Low profile, ergonomic base
- Large work surface; 218mm x 302mm
- 12-watt LED strip creates a homogenized transmitted illumination
- Dual upper light guides produce 720cd of focused LED illumination
- Independent variable intensity controls

AMPS-ILED LED Illumination

- Dual upper light guides produce 720 cd of focused LED illumination comparable to a 150 watt fiber optic light source
- Independent variable intensity controls
- 50,000 hour bulb life

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For customer service, call 1-800-766-7000
To fax an order, use 1-800-926-1166
To order online: www.fishersci.com

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For customer service, call 1-800-234-7437
To fax an order, use 1-800-463-2996
To order online: www.fishersci.ca

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