

Lx 400

Research Microscopy



**LABOMED**   
ideas for vision



# The New Face of Lab Microscopy



1

Infinity Corrected Plan Achromatic objectives and Extra Wide Field focusable eyepieces ensure brilliant images with pristine color fidelity and contrast. Our Secure Rotation feature enables smooth and safe rotation of the viewing tube when locked into the stand.

2

Strain-free and safe operation is ensured through a highly ergonomic design with an ultra smooth focus drive, low-position stage controls, and a Rackless X-axis stage. Factory pre-centered fixed condenser is a standard.

3

Highly efficient Halogen or super bright LED (50,000 hours) illumination options available. Coupled with well designed optics, this system provides brilliant and even images under any light.

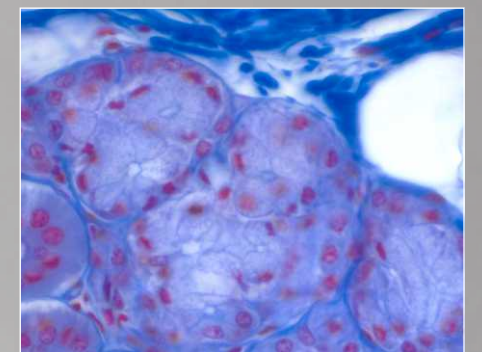


## Lx 400

From the most basic to the more complex laboratory applications, the Lx 400 stands strong as a truly modular system. With an Infinity corrected Plan Achromatic optical system, users will enjoy crisp images with excellent color fidelity and high accuracy in image rendition for a wide spectrum of specimens.

Equal attention is given to the quality of this system's mechanical components, producing robust performance throughout the life of your microscope. With the LX series' cost effective synergy of beauty and brains, a balanced microscope no longer has to be a thing reserved for the financially privileged.

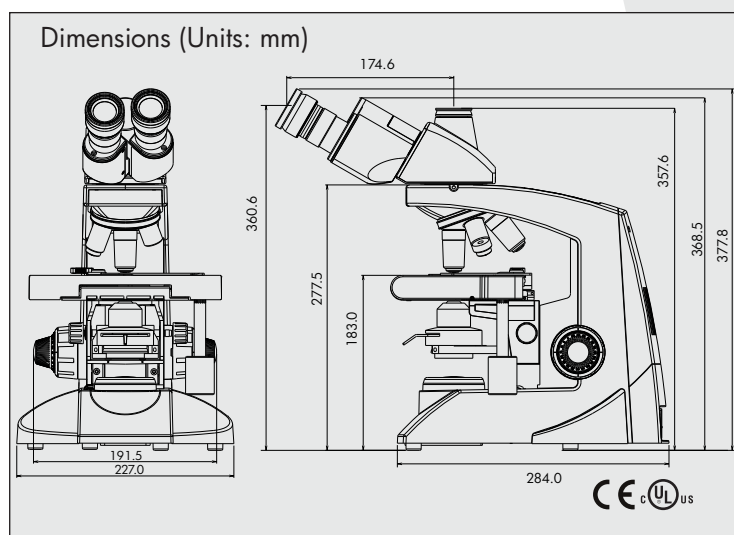
All contact surfaces are treated with antimicrobial agents to ensure zero point-of-contact bacterial contamination.





## Lx 400 Research Microscope

Item	Specifications
Stand	Single mold sturdy stand with anti rust materials. Extended base for better stability
Viewing Bodies	Siedentopf Binocular and Trinocular head, 30° inclined, 360° rotatable, Inter pupillary distance 48 - 75mm
Eyepiece	Focusable wide field eyepiece* 10x/20mm with foldable eye guard, anti fungal
Nosepiece	Reverse angle quadruple nosepiece (Ball bearing type) with click stops and rubber grip
Objectives	RP series infinity corrected DIN Plan Achromatic objectives* 4x (W.D. 30.0MM), 10x (W.D. 5.00MM), 40x (W.D. 0.65MM), 100x (W.D. 0.15MM) (spring loaded, oil), anti fungal
Mechanical stage	Rackless X axis, double plate stage size 200 x 140mm, X/Y travel range 78mm x 54mm. Low drive right hand movement controls. Hard coated surface for scratch resistance. Double specimen holder.
Condenser	Sub stage Abbe condenser NA 1.25 with aspheric lens*. Iris diaphragm with blue day light filter. Rack and pinion movements on stainless steel guides
Focusing	Coaxial coarse and fine focusing on ball drive system for smooth operation
Illumination	Halogen 6V-20W/30W or LED (in-built rechargeable battery) illumination with variable illumination control. Up to 2,000 hours of Halogen lamp life and 50, 000 hours of LED life
Electrical	Universal input 100V - 240V AC, 50/60Hz. Built in voltage stabilizer
Optional accessories	Zernike Phase contrast kit with RP series Phase objectives 10x/20x/40x/100x, Dark field kit, Simple Polarizer/Analyzer, Dual View attachment, Fluorescence attachment; Video adapter



### Configurations

Description	Configuration	Cat. No.
Standard, 20W	Binocular	9126001
Standard, 30W	Binocular	9126003
Standard, 20W	Trinocular	9126002
Standard, 30W	Trinocular	9126004
Phase obj., 30W	Binocular	9126005
Phase obj., 30W	Trinocular	9126006
<b>Fluorescence</b>		
FL attachment 50W	Binocular	9126009
FL attachment 50W	Trinocular	9126010
<b>LED (Cordless)</b>		
Standard, Plan	Binocular	9126011
Standard, Plan	Trinocular	9126012
<b>Digital</b>		
Standard, HL	Binocular, Digital 3.0MP Camera	9126014
Standard, HL	Binocular, Digital 5.0MP Camera	9126015
Standard, LED	Binocular, Digital 3.0MP Camera	9126016
Standard, LED	Binocular, Digital 5.0MP Camera	9126017

\* All optical components are made of environment friendly LEAD free optical

### Labo America, Inc.

920 Auburn Court  
Fremont, CA 94538  
U.S.A.

Tel: (510) 445-1257  
Fax: (510) 991-9862  
Email: sales@laboamerica.com



laboamerica.com

With a policy of continuous development, Labo America, Inc. reserves the right to change design and specifications without prior notice.

### Distributor



100 Lauman Lane, Suite A, Hicksville, NY 11801  
Tel: (877) 877-7274 | Fax: (516) 801-2046  
Email: Info@nyscopes.com  
www.microscopeinternational.com