Research Microscopy

Lx 400



LABOMED®
ideas for vision

The New Face of Lab Microscopy

1 Infinity-corrected plan achromatic objectives and extra-wide-field focusable eyepieces deliver brilliant images with true color fidelity and contrast. The Secure Rotation feature lets the viewing head rotate smoothly and safely while locked into the stand.

2 A highly ergonomic design, with an ultra-smooth focus drive, low-position stage controls and a rackless X-axis stage, keeps operation strain-free and safe. A factory pre-centered fixed condenser is standard.

3 Bright, efficient LED illumination, coupled with well-designed optics, gives brilliant, even images under any conditions.



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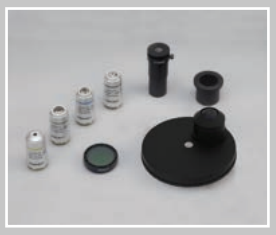
Lx 400

From routine work to demanding laboratory applications, the Lx 400 stands out as a truly modular system. Its infinity-corrected plan achromatic optics deliver crisp images with excellent color fidelity and accurate rendition across a wide range of specimens.

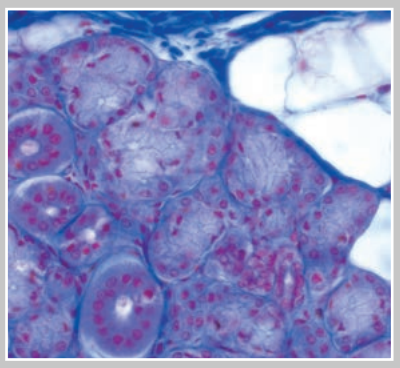
Its mechanical components receive equal attention, giving robust performance throughout the life of the microscope. The Lx series combines good design and sound engineering at a cost-effective price, so a well-balanced microscope is within reach of every laboratory.

All contact surfaces are treated with antimicrobial agents to inhibit bacterial growth at points of contact.







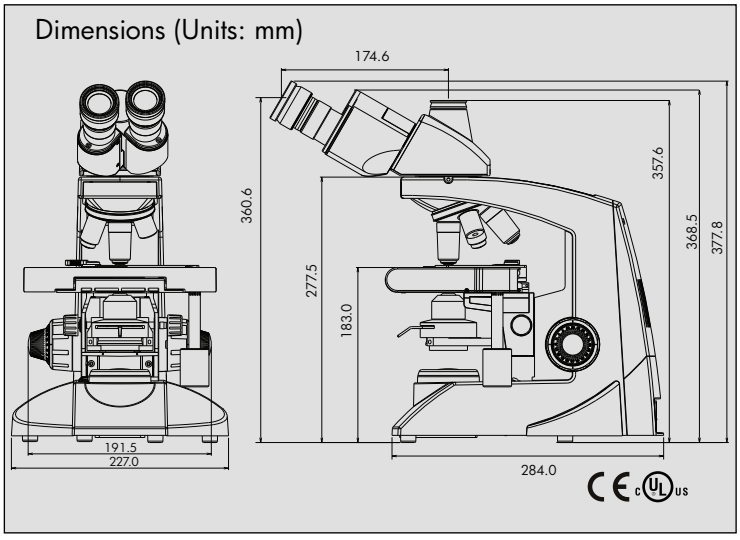




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Lx 400 Research Microscope

Item	Specifications
Stand	Single-mold, sturdy stand of rust-resistant materials; extended base for greater stability
Viewing head	Siedentopf binocular or trinocular head, 30° inclined, 360° rotatable, IPD 48–75 mm
Eyepieces	Focusable wide-field 10x/20 mm eyepieces with foldable eyecups, 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 (WD 30.0 mm), 10x (WD 4.5 mm), 40x (WD 0.50 mm), 100x (WD 0.13 mm, spring-loaded, oil)
Mechanical stage	Rackless X-axis, double-plate stage 200 × 140 mm, X/Y travel 78 × 54 mm; low-position right-hand controls; hard-coated, scratch-resistant surface; double specimen holder
Condenser	Abbe condenser NA 1.25 with aspheric lens; iris diaphragm with blue daylight filter; rack-and-pinion movement on stainless steel guides
Focusing	Coaxial coarse and fine focusing on a ball-drive system for smooth operation
Illumination	LED with built-in rechargeable battery and variable intensity control; LED life up to 50,000 hours
Electrical	Universal input 100–240 V AC, 50/60 Hz; built-in voltage stabilizer
Optional accessories	Zernike phase contrast kit for bright field, phase contrast and dark field; simple polarizer/analyzer; dual-view attachment; fluorescence attachment; video adapter



Description	Configuration	Catalog No.
LED (cordless)		
Standard, plan	Binocular	9126011
Standard, plan	Trinocular	9126012
Digital		
Standard, LED	Binocular, 3 MP camera	9126016
Standard, LED	Binocular, 5 MP camera	9126017

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